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# THE

# EXECUTIVE DOCUMENTS

OF THE

# HOUSE OF REPRESENTATIVES

FOR THE

## SECOND SESSION OF THE FIFTY-THIRD CONGRESS.

## 1893-'94.

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## IN THIRTY-ONE VOLUMES.

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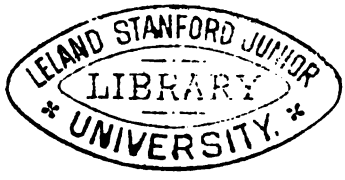


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**Fifty-third Congress, Second Session.**

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53D CONGRESS, 2d Session. } HOUSE OF REPRESENTATIVES. { Ex. Doc. No. 83.

# COMMERCIAL RELATIONS

OF THE

# UNITED STATES

WITH

# FOREIGN COUNTRIES.

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## 1893.

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ANNUAL REPORTS OF THE CONSULS OF THE UNITED STATES ON THE COMMERCE, MANUFACTURES, INDUSTRIES, ETC., OF THEIR SEVERAL DISTRICTS.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1894.

# EUROPE.

## AUSTRIA-HUNGARY.

### TRIESTE AND FIUME.

I have the honor to transmit herewith report of commerce and navigation for Trieste and Fiume during the year ending December 31, 1892.

The imports and exports of Trieste were as follows:

| | Imports. | Exports. |
|---|---|---|
| By sea | $70,201,106 | $58,640,644 |
| By land | 61,872,884 | 53,945,474 |
| Total | 132,073,990 | 112,586,118 |

This is an increase over the previous year of $13,180,036 in imports and of $3,276,636 in exports.

The total value of declared exports from Trieste to the United States for the same period amounted to $1,015,374, an increase of $188,236, and the imports from the United States amounted to $1,730,539, an increase of $718,373 as compared with the previous year.

The imports by sea for Fiume reached 307,474 tons, of the value of $15,518,845. The exports were 418,081 tons, valued at $19,121,341. Compared with the year 1891 it shows an increase in the imports of $2,971,062 and a decrease of $2,477,226 in the exports. The imports by land amounted to 382,720 tons and the exports to 234,537 tons, value not given. This is a decrease of 110,478 tons in imports and an increase of 75,367 tons in exports, as compared with the preceding year.

The imports from the United States at Fiume in 1892 was $207,272 and the exports (including merchandise coming from outside the district) $1,379,460, showing an increase of $6,351 in the imports and $460,211 in the exports. The imports consisted mostly of petroleum, resin, and tobacco.

Thirty-two vessels arrived in Trieste from the United States during the year, viz, twenty-five sailing vessels and seven steamers, the former representing 13,465 tons and the latter 13,211 tons. Sixteen steamers of 34,260 tons and three sailing vessels of 1,600 tons cleared for the United States. No emigrants.

JAMES F. HARTIGAN,
*Consul.*

TRIESTE, *September 5, 1893.*

*Statement showing the imports and exports at Trieste for the year ending December 31, 1892.*

IMPORTS.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Acid: | | |
| Phenic ..... quintals.. | 168 | Great Britain, 163; Turkey, 3; Austrian ports, 2. |
| Nitric ..... do.... | 1 | Italy, 1. |
| Sulphuric ..... do.... | 51 | Austrian ports, 1. |
| Acorns ..... do.... | 1,051 | Turkey, 435; Greece, 364; India, 49; France, 89; Austrian ports, 44; Italy, 36; China, 22; Egypt, 12. |
| Albumen ..... do.... | 5 | Turkey, 3; Austrian ports, 2. |
| Alcohol ..... hectoliters.. | 1,638 | Italy, 809; Austrian ports, 649; Turkey, 81; France, 74; India, 17; Greece, 5; Great Britain, 3. |
| Alizarine ..... quintals.. | 105 | Turkey, 105. |
| Aloes ..... do.... | 90 | Great Britain, 76; Germany, 14. |
| Alum ..... do.... | 128 | Great Britain, 125; Austrian ports, 2; Greece, 1. |
| Animals: | | |
| Lambs ..... number.. | 691 | Austrian ports, 691. |
| Sheep and goats ..... do.... | 1,366 | Austrian ports, 1,358; Egypt, 8. |
| Oxen, bulls, and cows.... do.... | 5,393 | Austrian ports, 5,384; Turkey, 9. |
| Veals ..... do.... | 22 | Austrian ports, 22. |
| Hogs ..... do.... | 12 | Austrian ports, 12. |
| Horses ..... do.... | 4 | Austrian ports, 2; Egypt, 2. |
| Asses ..... do.... | 2 | Egypt, 2. |
| Argols ..... quintals.. | 17,473 | Italy, 11,882; Austrian ports, 2,059; Turkey, 1,868; Greece, 1,063; France, 585; Roumania, 15; Great Britain, 1. |
| Arms, parts of, fire ..... do.... | 67 | Italy, 28; Greece, 21; Turkey, 6; Belgium, 3; Bulgaria, 3; Austrian ports, 2; Egypt, 2; Great Britain, 1; Germany, 1. |
| Ashes, wood and coal ..... do.... | 5 | Austrian ports, 3; Italy, 2. |
| Asphaltum ..... do.... | 9,236 | Trinidad, 4,060; Turkey, 1,462; Tunis, 2,000; Germany, 1,500; Egypt, 146; France, 44; Greece, 10; Italy, 8; Netherlands, 6. |
| Bacon ..... do.... | 29 | Great Britain, 12; Italy, 12; Austrian ports, 5. |
| Bags ..... do.... | 10,329 | India, 3,685; Great Britain, 3,544; Italy, 2,696; Netherlands, 252; Belgium, 109; France, 31; Turkey, 12. |
| Balsam ..... do.... | 8 | Germany, 8. |
| Barks: | | |
| Chinachina ..... do.... | 43 | Great Britain, 20; Italy, 14; Netherlands, 4; Germany, 4; Greece, 1. |
| For tanning ..... do.... | 429 | Austrian ports, 357; Italy, 52; Great Britain, 10; Germany, 5; Turkey, 4; France, 1. |
| Beef: | | |
| Prepared ..... do.... | 958 | United States, 556; Austrian ports, 382; Italy, 16; Egypt, 2; Germany, 1; Russia, 1. |
| In bags ..... do.... | 659 | Italy, 648; Austrian ports, 9; Greece, 1; Russia, 1. |
| Beer ..... hectolitors.. | 186 | Great Britain, 87; Austrian ports, 62; Greece, 18; Turkey, 12; Russia, 4; Germany, 3. |
| Bells ..... quintals.. | 151 | Italy, 85; Austrian ports, 54; Greece, 7; Turkey, 5. |
| Brooms and brushes ..... do.... | 1,382 | Italy, 1,276; Austrian ports, 105; Greece, 1. |
| Books, printed ..... do.... | 362 | Italy, 250; Greece, 39; Turkey, 33; Russia, 18; Austrian ports, 9; Egypt, 8; Tunis, 3; Great Britain, 1; France, 1. |
| Bones: | | |
| Cuttlefish ..... do.... | 602 | Italy, 504; France, 83; Greece, 12; Austrian ports, 3. |
| Divers ..... do.... | 10,647 | Austrian ports, 5,585; India, 3,045; Turkey, 1,216; Greece, 741; Montenegro, 60. |
| Borax ..... do.... | 3,727 | Turkey, 3,684; Italy, 41; Germany, 2. |
| Brass ..... do.... | 404 | Great Britain, 350; Austrian ports, 30; Italy, 14; Turkey, 10. |
| Bread ..... do.... | 322 | Italy, 238; France, 32; Austrian ports, 52. |
| Bricks and tiles ..... number.. | 233,836 | Italy, 209,927; Austrian ports, 16,965; Great Britain, 6,944. |
| Brimstone ..... quintals.. | 98,437 | Italy, 98,219; Great Britain, 113; France, 100; Turkey, 3; Austrian ports, 2. |
| Bronze ..... do.... | 91 | Greece, 45; Great Britain, 28; Italy, 11; Turkey, 5; Austrian ports, 2. |
| Butter ..... do.... | 1,684 | Italy, 1,508; Austrian ports, 158; Great Britain, 13; Turkey, 5. |
| Cacao ..... do.... | 4,079 | Great Britain, 1,276; Italy, 933; Germany, 834; France, 692, Brazil, 190; Netherlands, 98; Greece, 55. |
| Camphor ..... do.... | 8 | Germany, 8. |
| Candles: | | |
| Wax ..... do.... | 358 | Italy, 354; Austrian ports, 3; Roumania, 1. |
| Divers ..... do.... | 541 | Belgium, 391; France, 115; Italy, 15; Netherlands, 20. |
| Canes: | | |
| Indian ..... do.... | 47 | Germany, 15; India, 13; France, 12; Austrian ports, 7. |
| Divers ..... do.... | 357 | Italy, 234; Germany, 101; Austrian ports, 15; Tunis, 9. |
| Caoutchouc and rubber (divers), quintals. | 54 | Italy, 41; Great Britain, 7; Austrian ports, 3; Greece, 1; Tunis, 1; France, 1; Turkey, 1. |
| Carriages ..... quintals.. | 9 | Austrian ports, 7; Turkey, 2. |
| Caviar ..... do.... | 17 | Turkey, 8; Greece, 7; Russia, 1; Italy, 1. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Cement.....quintals.. | 4,207 | Austrian ports, 4,006; Italy, 194; Great Britain, 44; Germany, 19; Egypt, 4. |
| Cement, manufactured .....do.... | 38 | Italy, 26; Austrian ports, 12. |
| Chalk .....do.... | 1,546 | Italy, 1,237; United States, 203; France, 15; Austrian ports, 1. |
| Cheese .....do.... | 5,677 | Italy, 4,512; Turkey, 727; Austrian ports, 185; Greece, 140; Netherlands, 96; Great Britain, 9; France, 6; Belgium, 2. |
| Chemicals, products .....do.... | 409 | Italy, 295; Great Britain, 73; Austrian ports, 16; Germany, 13; France, 4; Greece, 7; Egypt, 1. |
| Chocolate and substitutes...do.... | 4 | Italy, 4. |
| Chloride lime.....do.... | 1,560 | Great Britain, 1,560. |
| Cloths.....do.... | 208 | Italy, 157; Turkey, 40; India, 7; Egypt, 2; Greece, 1; Austrian ports, 1. |
| Charcoal.....do.... | 11 | Italy, 7; Austrian ports, 4. |
| Coal .....do.... | 1,095,460 | Great Britain, 707,998; Austrian ports, 376,095; Belgium, 6,000; Italy, 3,322; Germany, 5; Netherlands, 2,040. |
| Cochineal.....do.... | 128 | France, 110; Italy, 11; Great Britain, 6; Austrian ports, 1. |
| Cochineal berry .....do.... | 480 | Turkey, 480. |
| Coffee .....do.... | 461,326 | Brazil, 283,306; Germany, 37,887; Egypt, 33,103; Italy, 31,908; India, 24,751; Great Britain, 15,290; France, 11,768; Netherlands, 10,813; Aden, 3,360; United States, 2,975; Belgium, 2,648; Philippines, 1,878; Puerto Rico, 625; Jamaica, 505; Austrian ports, 333; Massowah, 68; Roumania, 27; Greece, 18; Cyprus, 4; Turkey, 3; Russia, 1. |
| Coffee, substitutes.....do.... | 24 | Austrian ports, 24. |
| Colocynth .....do.... | 94 | Egypt, 57; Cyprus, 31; Turkey, 6. |
| Colors prepared .....do.... | 67 | Great Britain, 34; Germany, 10; Belgium, 6; Turkey, 6; Egypt, 3; Austrian ports, 3; Italy, 3; Russia, 1; Greece, 1. |
| Comestibles .....do.... | 5,361 | Austrian ports, 3,936; Italy, 480; India, 326; Germany, 163; France, 145; Turkey, 130; Great Britain, 85; Greece, 46; Russia, 35; Egypt, 10; Belgium, 5. |
| Copper .....do.... | 4,686 | Great Britain, 2,887; Germany, 508; United States, 408; Turkey, 320; Austrian ports, 268; Italy, 110; Belgium, 93; Egypt, 34; Greece, 29; Cyprus, 29. |
| Copper, manufactured .....do.... | 29 | Italy, 12; Austrian ports, 5; Great Britain, 5; Turkey, 7. |
| Copper, scrap.....do.... | 5,154 | Italy, 2,420; Turkey, 1,658; Austrian ports, 695; Greece, 381. |
| Coral .....do.... | 24 | Italy, 14; Turkey, 6; Austrian ports, 4. |
| Cotton.....do.... | 574,720 | Egypt, 155,185; India, 340,450; Turkey, 43,693; United States, 24,313; Italy, 6,265; Great Britain, 3,988; Cyprus, 470; Greece, 326; Aden, 26; Austrian ports, 4. |
| Cotton, manufactured .....do.... | 2,398 | Great Britain, 1,498; Italy, 641; Turkey, 103; Austrian ports, 76; Belgium, 25; Greece, 25; Netherlands, 16; Egypt, 6. |
| Crockery .....do.... | 2,790 | Italy, 2,371; Austrian ports, 205; Great Britain, 144; Turkey, 43; France, 35. |
| Crustacea .....do.... | 157 | Austrian ports, 149; Italy, 7; Turkey, 1. |
| Cumin.....do.... | 18 | Italy, 12; Austrian ports, 5; Greece, 1. |
| Drugs: | | |
| Anise, star .....do.... | 33 | China, 33. |
| Cinnamon .....do.... | 10,923 | China, 9,946; India, 559; Italy, 301; Great Britain, 39; Netherlands, 39; Germany, 19; France, 11; Egypt, 9. |
| Cloves.....do.... | 1,047 | France, 421; India, 368; Great Britain, 101; Egypt, 125; Germany, 22; Austrian ports, 5; Italy, 5. |
| Nutmeg .....do.... | 373 | Netherlands, 360; Egypt, 8; Italy, 5. |
| Pepper .....do.... | 23,674 | India, 13,993; Egypt, 6,696; Great Britain, 1,544; Italy, 1,108; Austrian ports, 142; Germany, 93; Netherlands, 54; Roumania, 28; Greece, 13; Turkey, 3. |
| Pimento.....do.... | 2,699 | United States, 1,243; Jamaica, 954; Great Britain, 502. |
| Ginger .....do.... | 1,675 | Great Britain, 872; India, 391; Germany, 382; Netherlands, 30. |
| Divers.....do.... | 173 | Egypt, 69; Germany, 32; Great Britain, 29; Italy, 24; Turkey, 11; France, 4; Greece, 1; India, 3. |
| Earths: | | |
| Coloring.....do.... | 3,661 | France, 2,586; Italy, 659; Great Britain, 329; Germany, 50; Greece, 14; Austrian ports, 12; Belgium, 11. |
| Divers .....do.... | 9,845 | Italy, 4,332; France, 2,232; Great Britain, 1,392; Belgium, 802; United States, 609; Greece, 317; Egypt, 85; Turkey, 43; Austrian ports, 32; Tunis, 1. |
| Japan .....do.... | 997 | India, 764; Egypt, 200; Great Britain, 33. |
| Eggs .....do.... | 876 | Turkey, 363; Austrian ports, 7; Greece, 5; Egypt, 1. |
| Emery.....do.... | 1,985 | Turkey, 1,983; Great Britain, 2. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Essences, aromatic ..... quintals.. | 1,048 | Italy, 987; France, 29; Great Britain, 12; Austrian ports, 9; Greece, 6; Turkey, 3; Egypt, 2. |
| Extracts: | | |
| Tanning ..... do.... | 6,600 | Austrian ports, 6,532; Great Britain, 58; Italy, 10. |
| Dyeing ..... do.... | 805 | Austrian ports, 104; Great Britain, 93; Italy, 59; France, 36; Belgium, 11; Germany, 2. |
| Felt ..... do.... | 65 | Great Britain, 63; Italy, 2. |
| Fennel ..... do.... | 1,077 | Turkey, 823; Italy, 254. |
| Fish: | | |
| Prepared ..... do.... | 591 | Italy, 505; Austrian ports, 86. |
| Herring ..... do.... | 2,635 | Great Britain, 2,269; Sweden-Norway, 202; Italy, 141; Germany, 17; Austrian ports, 5; Netherlands, 1. |
| Stock ..... do.... | 12,856 | Germany, 2,285; Swedenand Norway, 6,520; Italy, 3,909; Great Britain, 72; Austrian ports, 70. |
| Fresh ..... do.... | 7,200 | Austrian ports, 3,780; Italy, 3,420. |
| Smoked and dried ..... do.... | 2,151 | Italy, 1,608; Portugal, 292; Austrian ports, 226; Malta, 10; Great Britain, 6; Turkey, 6; Greece, 3. |
| Flax ..... do.... | 199 | Italy, 104; France, 45; Austrian ports, 23; Egypt, 22; Belgium, 5. |
| Flour ..... do.... | 10,893 | Austrian ports, 9,485; Italy, 1,110; France, 304; India, 50; Germany, 24. |
| Fowls ..... do.... | 13 | Austrian ports, 10; Turkey, 3. |
| Fruits: | | |
| Oranges and lemons ..... do.... | 335,970 | Italy, 320,965; Egypt, 6,845; Turkey, 5,831; Austrian ports, 2,005; Greece, 221; Tunis, 55; France, 45; Malta, 3. |
| Capers ..... do.... | 672 | Italy, 666; Austrian ports, 4; France, 2. |
| St. John's bread ..... do.... | 25,580 | Italy, 23,987; Austrian ports, 1,529; Cyprus, 64. |
| Chestnuts ..... do.... | 2,186 | Italy, 2,011; Austrian ports, 167; Greece, 7; Turkey, 1. |
| Pickled crab apples ..... do.... | 8,471 | Turkey, 4,298; Greece, 3,758; Egypt, 410; Italy, 5. |
| Dates ..... do.... | 7,769 | Egypt, 6,146; Great Britain, 1,484; Malta, 82; France, 27; Turkey, 12; Austrian ports, 7; Italy, 7; Tunis, 4. |
| Dried figs ..... do.... | 226,125 | Greece, 107,026; Italy, 62,238; Turkey, 55,821; Austrian ports, 725; Egypt, 120; Russia, 195. |
| Almonds ..... do.... | 26,337 | Italy, 22,916; France, 1883; Turkey, 1,101; Austrian ports, 298; Great Britain, 59; Egypt, 50; Tunis, 18; Greece, 12. |
| Nuts ..... do.... | 38,691 | Turkey, 31,099; Italy, 7,187; Austrian ports, 289; France, 116. |
| Pistachio ..... do.... | 712 | Italy, 456; Turkey, 256. |
| Olives ..... do.... | 1,087 | Greece, 905; Italy, 89; Turkey, 77; Austrian ports, 16. |
| Prunes, dried ..... do.... | 2,699 | Austrian ports, 2,614; Italy, 76; Turkey, 5; Greece, 4. |
| Raisins ..... do.... | 199,311 | Turkey, 152,494; Greece, 39,661; Cyprus, 3,715; Italy, 2,495; France, 389; Spain, 300; Egypt, 173; Malta, 62; Roumania, 22. |
| Dried and prepared, divers, quintals. | 4,502 | Turkey, 1,712; Austrian, 1,030; Egypt, 987; Italy, 518; Russia, 193; Great Britain, 62. |
| Fresh ..... quintals.. | 25,299 | Italy, 21,635; Austrian ports, 3,386; Greece, 230; Egypt, 28; Turkey, 16; France, 4. |
| Gallnuts ..... do.... | 280,297 | Turkey, 180,824; Greece, 59,868; India, 37,996; Italy, 1,407; Egypt, 202. |
| Game ..... do.... | 4 | Greece, 4. |
| Glassware ..... do.... | 4,307 | Austrian ports, 2,192; Great Britain, 1,490; Italy, 552; Belgium, 30; India, 19; Egypt, 12; Greece, 12. |
| Glassware, scraps of ..... do.... | 564 | Austrian ports, 547; Italy, 17. |
| Glycerine ..... do.... | 1 | Italy, 1. |
| Glue ..... do.... | 314 | Italy, 191; Russia, 101; Turkey, 14; Belgium, 6; Austrian ports, 2. |
| Gold: | | |
| Specie ..... kilograms.. | 14 | Turkey, 14. |
| Bullion ..... quintals.. | 47 | Austrian ports, 41; Turkey, 4; Greece, 2. |
| Grain: | | |
| Oats ..... do.... | 5,915 | Turkey, 5,914; Greece, 1. |
| Wheat ..... do.... | 123,837 | Russia, 68,841; Bulgaria, 30,807; Roumania, 18,571; India, 3,360; Turkey, 2,031; Italy, 165; Austrian ports, 62. |
| Maize ..... do.... | 11,684 | Turkey, 11,361; Austrian ports, 316; Greece, 7. |
| Millet ..... do.... | 1,924 | Turkey, 1,829; Italy, 85; Austrian ports, 10. |
| Barley ..... do.... | 710 | Austrian ports, 705; Turkey, 4; Italy, 1. |
| Spelt ..... do.... | 136 | Great Britain, 84; Italy, 52. |
| Grease ..... do.... | 1,719 | United States, 746; Belgium, 507; Great Britain, 181; Italy, 153; Austrian ports, 120; France, 7; Germany, 5. |
| Lubricants, ointments, etc., quintals. | 699 | Austrian ports, 337; Italy, 242; Hamburg, 120. |
| Gum: | | |
| Tragacinth ..... quintals.. | 442 | Turkey, 379; France, 56; Great Britain, 7. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Gum—Continued. | | |
| Divers ..... quintals.. | 17,051 | Egypt, 4,705; France, 4,094; Aden, 2,122; India, 1,986; Great Britain, 1,534; Turkey, 992; Italy, 664; Greece, 300; Austrian ports, 264; Massowah, 200; Netherlands, 120. |
| Guts ..... do.... | 3,101 | Turkey, 1,594; Egypt, 654; Russia, 577; Italy, 129; Bulgaria, 43; Austrian ports, 26; Greece, 25; Roumania, 17; France, 15; Tunis, 11; Malta, 9. |
| Hair, animals and vegetable. do.... | 21,575 | Algiers, 21,520; Turkey, 30; Egypt, 40; Italy, 9; France, 6. |
| Hats: | | |
| Felt, silk ..... do.... | 128 | Italy, 99; Great Britain, 10; Austrian ports, 7; Greece, 7; Turkey, 3; Egypt, 2. |
| Straw, etc ..... do.... | | |
| Hardware ..... do.... | 3,608 | Italy, 1,296; Egypt, 1,786; Turkey, 247; Japan, 100; India, 98; Austrian ports, 29; Great Britain, 23; France, 13; Tunis, 8; China, 5; Greece, 4. |
| Hay ..... do.... | 574 | Italy, 465; Austrian ports, 109. |
| Hemp ..... do.... | 22,316 | Italy, 21,920; Austrian ports, 200; Turkey, 167; Great Britain, 17; France, 9; Greece, 3. |
| Hides and skins, raw: | | |
| Lamb and goat ..... do.... | 46,728 | Turkey, 27,197; Greece, 10,842; Austrian ports, 4,616; Bulgaria, 1,467; Russia, 663; Cyprus, 402; Roumania, 289; Egypt, 263; Tripoli, 202; France, 406; Italy, 267; Montenegro, 93; India, 8; Malta, 8; Argentine, 5. |
| Oxen and cows ..... do.... | 61,047 | Italy, 20,857; India, 19,506; Egypt, 6,736; Brasil, 2,814; China, 1,978; Great Britain, 1,952; France, 1,749; Hamburg, 1,348; Aden, 1,019; Austrian ports, 873; Argentine, 918; United States, 563; Greece, 370; Netherlands, 356; Belgium, 272; Turkey, 217; Russia, 149; Bulgaria, 49; Massowah, 92; Algiers, 19; Tunis, 7; Tripoli, 3. |
| Hare and rabbit ..... do.... | 150 | Turkey, 127; Bulgaria, 10; Austrian ports, 8; Cyprus, 3; Greece, 2. |
| Calf ..... do.... | 35 | Austrian ports, 24; Turkey, 6; Greece, 4; Egypt, 1. |
| Various ..... do.... | 3,793 | Turkey, 1,021; Italy, 1,020; Austrian ports, 840; Greece, 640; France, 202; Algiers, 51; Malta, 7; Tripoli, 7; Cyprus, 3; Egypt, 1; Russia, 1. |
| Peltries, divers ..... do.... | 364 | Turkey, 302; Austrian ports, 28 Greece, 25; Italy, 9. |
| Hides and skins, manufactured: | | |
| Sheep and goat ..... do.... | 123 | Turkey, 123. |
| | 3,713 | Great Britain, 2,786; United States, 395; Italy, 249; Egypt, 119; Hamburg, 63; Austrian ports, 41; France, 30; Malta, 11; Turkey, 19. |
| For gloves ..... do.... | 2 | Turkey, 2. |
| Divers ..... do.... | 462 | Italy, 253; France, 176; Bulgaria, 16; Great Britain, 7; Turkey, 5; Egypt, 4; Austrian ports, 1. |
| Scraps ..... do.... | 104 | Austrian ports, 104. |
| Hog's bristle ..... do.... | 205 | Italy, 128; Russia, 46; Great Britain, 19; Turkey, 8; China, 4. |
| Honey ..... do.... | 626 | Austrian ports, 484; Italy, 77; Turkey, 51; Egypt, 9; Greece, 5. |
| Horn ..... do.... | 278 | Austrian ports, 150; Turkey, 53; Uruguay, 32; Egypt, 16; Great Britain, 14; Russia, 9; Greece, 4. |
| Incense ..... do.... | 1,786 | Aden, 1,557; India, 76; Egypt, 87; Turkey, 33; Italy, 20; Great Britain, 10; Greece, 3. |
| Indigo ..... do.... | 8,166 | Egypt, 5,531; India, 1,916; Italy, 254; Great Britain, 242; France, 145; Netherlands, 28; Massowah, 24; Austrian ports, 23; Greece, 2; Turkey, 1. |
| Ink ..... do.... | 53 | Italy, 21; Austrian ports, 13; Hamburg, 11; France 4; Turkey, 4. |
| Instruments: | | |
| Musical ..... do.... | 73 | Italy, 33; Austrian ports, 11; Egypt, 11; Turkey, 9; France, 6; Great Britain, 3. |
| Scientific ..... do.... | 5 | Italy 4; Tripoli, 1. |
| Iron: | | |
| Raw ..... do.... | 22,976 | Great Britain, 19,773; Belgium, 3,200; Austrian ports, 3. |
| Scraps ..... do.... | 21,326 | Roumania, 9,635; Egypt, 5,383; Greece, 2,710; Austrian ports, 2,569; Turkey, 29. |
| Bars ..... do.... | 12,441 | Great Britain, 6,723; Sweden-Norway, 2,681; Belgium, 2,237; France, 558; Austrian ports, 153; Hamburg, 50; Italy, 34; Greece, 2; Netherlands, 2; Turkey, 1. |
| Steel ..... do.... | 27,368 | Great Britain, 27,337; Hamburg, 14; Austrian ports, 12; Italy, 3; Greece, 1; France, 1. |
| Sheet ..... do.... | 780 | Great Britain, 724; Belgium, 38; Italy, 11; Austrian ports, 5; Netherlands, 2. |
| Galvanized ..... do.... | 4,566 | Great Britain, 4,388; Italy, 168; Austrian ports, 10. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Iron—Continued: | | |
| Wire ..... quintals.. | 30 | Italy, 15; France, 13; Austrian ports, 2. |
| Needles ..... do.... | 11 | Greece, 5; Turkey, 3; Great Britain, 3. |
| Anchors ..... do.... | 961 | Great Britain, 792; Italy, 127; Austrian ports, 42. |
| Chains ..... do.... | 919 | Great Britain, 471; Italy, 433; Austrian ports, 15. |
| Nails ..... do.... | 366 | Belgium, 227; Italy, 72; Germany, 27; Great Britain, 17; France, 12; Austrian ports, 10; Turkey, 1. |
| Ropes ..... do.... | 399 | Great Britain, 334; Germany, 65. |
| Files ..... do.... | 23 | Austrian ports, 16; Italy, 5; Great Britain, 1. |
| Rails ..... do.... | 98 | Austrian ports, 98. |
| Manufactured, other divers quintals. | 2,337 | Great Britain, 1,242; Austrian ports, 331; Italy, 217; Roumania, 186; France, 161; Germany, 128; Turkey, 37; Greece, 46; Egypt, 26; Belgium, 16; United States, 3; Tunis, 3; Cyprus, 1. |
| Jet goods ..... do.... | 10,280 | Italy, 10,269; Egypt, 7; Malta, 4. |
| Juice, lemon ..... do.... | 37 | Italy, 37. |
| Juniper berries ..... do.... | 229 | Italy, 212; India, 12; Austrian ports, 5. |
| Jute ..... do.... | 20,308 | India, 20,206; Great Britain 95; Italy, 7. |
| Lard ..... do.... | 437 | Great Britain, 300; Italy, 78; United States, 45; Austrian ports, 14. |
| Lead, white ..... do.... | 739 | Belgium, 435; France, 187; Italy, 106; Austrian ports, 11. |
| Lead, in bars ..... do.... | 3,546 | Italy, 2,833; France, 361; Great Britain, 182; Turkey, 134; Belgium, 36. |
| Leaves: | | |
| Laurel ..... do.... | 5,124 | Austrian ports, 3,429 Greece, 693; Turkey, 357; Montenegro, 329; Italy, 316. |
| Divers ..... do.... | 671 | Austrian ports, 644; Italy, 27. |
| Senna ..... do.... | 1,767 | Egypt, 1,420; India, 160; Great Britain, 112; Greece, 75. |
| Leeches ..... do.... | 9 | Austrian ports, 7; Turkey, 2. |
| Lime ..... do.... | 12,095 | Austrian ports, 11,870; Great Britain, 225. |
| Lime, hydraulic ..... do.... | 36,380 | Greece, 36,380. |
| Liquors ..... hectoliters.. | 1,878 | Austrian ports, 1,525; Italy, 128; France, 115; Greece, 67; Turkey, 20; Egypt, 18; Great Critain, 4; United States, 1. |
| Licorice paste ..... quintals.. | 823 | Turkey, 428; Italy, 358; France, 30; Egypt, 5; Greece, 2. |
| Litharge ..... do.... | 12 | Great Britain, 12. |
| Lye ..... do.... | 19 | Italy, 19. |
| Maccaroni ..... do.... | 4,114 | Italy, 2,793; Austrian ports, 1,193; France, 124; Turkey, 4. |
| Machinery: | | |
| Sewing ..... do.... | 344 | Great Britain, 306; Austrian ports, 25; Italy, 6; Turkey, 3; Egypt, 3; Greece, 1. |
| Various ..... do.... | 10,338 | Great Britain, 9,919; Italy, 129; United States, 108; Austrian ports, 106; France, 45; Turkey, 13; Hamburg, 9; Egypt, 4; India, 3; Greece, 2. |
| Magnesia ..... do.... | 11 | Great Britain, 5; Egypt, 3; Italy, 3. |
| Manna ..... do.... | 375 | Italy, 372; Austrian ports, 3. |
| Manure ..... do.... | 33 | Italy, 29; Austrian ports, 4. |
| Materials: | | |
| Vegetable ..... do.... | 499 | Hamburg, 317; Italy, 122; Great Britain, 27; Egypt, 20; India, 13. |
| Chemical ..... do.... | 2,919 | Italy, 1,264; Great Britain, 732; Turkey, 528; Austrian ports, 221; United States, 129; Hamburg, 31; France, 10; Netherlands, 3; Greece, 1. |
| Explosive ..... do.... | 9 | Great Britain, 7; Austrian ports, 1; Greece, 1. |
| Mats, divers ..... do.... | 1,539 | Italy, 1,524; Great Britain, 6; Turkey, 7; Austrian ports, 2. |
| Matches ..... do.... | 2,954 | Italy, 2,940; Austrian ports, 10; Turkey, 4. |
| Medicine ..... do.... | 121 | Italy, 90; Great Britain, 16; France, 6; Austrian ports, 4; Greece, 3; Germany, 2. |
| Melting pots ..... do.... | 1 | Italy, 1. |
| Meerschaum ..... do.... | 984 | Turkey, 984. |
| Mercury ..... do.... | 1 | Turkey, 1. |
| Metals ..... do.... | 1,106 | Great Britain, 784; Austrian ports, 172; Italy, 92; United States, 22; Turkey, 18; Greece, 11; Egypt, 6; France, 1. |
| Mineral water ..... hectoliters.. | 116 | Austrian ports, 62; Italy, 16; France, 14; Egypt, 12; Belgium, 5; Great Britain, 3; Greece, 3; Hamburg, 1. |
| Minerals, divers ..... quintals.. | 17,811 | Spain, 13,195; Algiers, 4,060; Turkey, 503; Italy, 53. |
| Minium ..... do.... | 1,322 | Great Britain, 1,277; Austrian ports, 33; Belgium, 10; Italy, 2. |
| Mirrors ..... do.... | 36 | Italy, 33; Greece, 2; Austrian ports, 1. |
| Mother of pearl shell ..... do.... | 7,850 | Egypt, 3,299; Aden, 3,170; Massowah, 900; India, 333; Italy, 69 Turkey, 19; Philippines, 41; France, 14. |
| Myrrh ..... do.... | 62 | Aden, 62. |
| Mustard seed ..... do.... | 1,321 | Italy, 907; India, 254; Turkey, 140; Greece, 20. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Oils: | | |
| Dregs ..... quintals.. | 6,223 | Italy, 5,532; Austrian ports, 691. |
| Oleina ..... do.... | 29 | France, 29. |
| Anise ..... do.... | 166 | China, 160; Great Britain, 5; Hamburg, 1. |
| Olive ..... do.... | 87,354 | Italy, 34,526; Turkey, 28,524; Austrian ports, 16,728; Greece, 4,710; France, 2,372; Montenegro, 474; Egypt, 14; Tunis, 6. |
| Cotton seed ..... do.... | 89,837 | United States, 66,223; Great Britain, 18,962; Italy, 4,151; Belgium, 315; Netherlands, 216. |
| Laurel ..... do.... | 121 | Italy, 52; Turkey, 51; Austrian ports, 18. |
| Linseed ..... do.... | 6,368 | Great Britain, 5,490; Italy, 253; Belgium, 224; Netherlands, 209; Egypt, 91; Greece, 17; Austrian ports, 4. |
| Almond ..... do.... | 57 | Italy, 37; France, 20. |
| Palma, etc ..... do.... | 23,017 | India, 13,005; France, 4,678; Italy, 2,814; Great Britain, 960; Egypt, 1,017; Hamburg, 488; Netherlands, 60. |
| Fish ..... do.... | 6,920 | Turkey, 2,857; Hamburg, 2,308; Great Britain, 877; Sweden Norway, 272; Belgium, 224; Italy, 208; Egypt, 128; Netherlands, 13; Austrian ports, 22; India, 11. |
| Castor ..... do.... | 3,172 | Italy, 2,232; France, 936; Austrian ports, 4. |
| Rosemary ..... do.... | 92 | Austrian ports, 92. |
| Sesame ..... do.... | 18,877 | France, 17,672; Italy, 919; Austrian ports, 208; Turkey, 43; Belgium, 40. |
| Turpentine ..... do.... | 438 | United States, 361; Great Britain, 36; Austrian ports, 19; Greece, 18; Italy, 2; Hamburg, 2. |
| Ethereal, divers ..... do.... | 172 | China, 114; France, 44; Turkey, 7; India, 2; Egypt, 2; Greece, 1; Hamburg, 1; Italy, 1. |
| Divers ..... do.... | 582 | Italy, 370; France, 104; Great Britain, 93; Belgium, 15. |
| Lubricating ..... do.... | 3,310 | Russia, 2,285; Hamburg, 553; Great Britain, 139; Turkey, 126; Belgium, 81; Austrian ports, 46; Italy, 58; Germany, 20; United States, 2. |
| Petroleum ..... do.... | 419,774 | Russia, 410,048; Italy, 8,942; Belgium, 260; France, 247; Turkey, 141; United States, 74; Great Britain, 43; Hamburg, 16; Austrian ports, 3. |
| Opium ..... do.... | 224 | Turkey, 224. |
| Orpiment ..... do.... | 29 | India, 16; Turkey, 13. |
| Paper: | | |
| Divers ..... do.... | 11,061 | Italy, 9,015; Austrian ports, 1,330; France, 414; Great Britain, 224; Germany, 24; Turkey, 21; Greece, 15; Cyprus, 6; Egypt, 4; Netherlands, 4; Roumania, 2; Tripoli, 2. |
| Pulp ..... do.... | 508 | United States, 508. |
| Paraffin ..... do.... | 2,284 | United States, 1,042; Great Britain, 912; Italy, 224; Hamburg, 48; Belgium, 18; France, 16; Austrian ports, 12; Turkey, 12. |
| Pasteboard ..... do.... | 180 | Turkey, 56; Germany, 54; Great Britain, 23; Austrian ports, 18; Italy, 16; France, 9; Netherlands, 4. |
| Peels ..... do.... | 609 | Italy, 531; Malta, 47; Turkey, 22; Egypt, 6; Tripoli, 3. |
| Pitch ..... do.... | 2,230 | Great Britain, 2,209; Austrian ports, 21. |
| Plants: | | |
| Living ..... do.... | 390 | Italy, 195; Egypt, 104; Austrian ports, 57; Turkey, 18; France, 9; Greece, 4; United States, 3. |
| Dried, prepared ..... do.... | 9,133 | Italy, 3,651; Austrian ports, 3,302; Egypt, 690; Turkey, 303; Jamaica, 284; India, 246; France, 240; Great Britain, 212; Russia, 89; Hamburg, 68; Belgium, 52; United States, 46; Greece, 9; Tunis, 1. |
| Insect flowers and powder. do.. | 10,590 | Austrian ports, 10,556; France, 17; Turkey, 9; Italy, 4; Egypt, 2; Greece, 1; Montenegro, 1. |
| Plumes, divers ..... do.... | 11 | India, 8; Egypt, 2; Russia, 1. |
| Pollard ..... do.... | 42,697 | Turkey, 11,540; Greece, 9,300; Italy, 8,974; France, 4,981; Egypt, 4,006; Roumania, 3,327; Austrian ports, 569. |
| Porcelain ..... do.... | 57 | Austrian ports, 22; Great Britain, 19; Turkey, 6; Italy, 5; Egypt, 3; France, 2. |
| Potash ..... do.... | 180 | Belgium, 83; Great Britain, 48; Austrian ports, 24; Italy, 24; Hamburg, 1. |
| Potatoes ..... do.... | 31,850 | Malta, 29,862; Italy, 1,276; Austrian ports, 390; Greece, 322. |
| Pulse: | | |
| Beans ..... do.... | 1,178 | Austrian ports, 828; Turkey, 228; Italy, 77; Russia, 45. |
| Lentils ..... do.... | 34 | Austrian ports, 28; Turkey, 3; Egypt, 3. |
| Pease ..... do.... | 3,425 | Russia, 2,248; Italy, 653; Turkey, 371; Greece, 100; India, 45; Austrian ports, 8. |
| Fresh ..... do.... | 66,827 | Turkey, 41,536; Italy, 17,289; Austrian ports, 7,304; Greece, 526; Malta, 100; Egypt, 72. |
| Rags ..... do.... | 797 | Turkey, 461; Austrian ports, 284; Italy, 31; Greece, 21. |
| Resin ..... do.... | 92,033 | United States, 88,792; France, 2,959; Austrian ports, 207; Egypt, 28; Great Britain, 23; Greece, 20; Italy, 4. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Rice.....quintals.. | 121,104 | Italy, 67,254; Germany, 33,297; Austrian ports, 12,416; Japan, 3,000; China, 2,452; India, 1,449; Netherlands, 580; Greece, 280; Egypt, 269; Great Britain, 105; Turkey, 2. |
| Roots: | | |
| Indian saffron.....do.... | 810 | India, 707; Great Britain, 54; Austrian ports, 23; Egypt, 20; Turkey, 5; Italy, 1. |
| Divers.....do.... | 205 | Italy, 114; Turkey, 71; Austrian ports, 20. |
| Rum.....hectoliters.. | 222 | Turkey, 98; Great Britain, 37; Italy, 24; France, 16; Netherlands, 14; Germany, 13; Jamaica, 7; Hamburg, 5; Austrian ports, 7; Greece, 1. |
| Saffron.....quintals.. | 57 | Egypt, 48; Turkey, 9. |
| Sago.....do.... | 13,783 | India, 13,660; Great Britain, 88; Hamburg, 32; Italy, 2; France, 1. |
| Salts: | | |
| Acetoselle.....do.... | 88 | Great Britain, 82; Hamburg, 6. |
| Ammoniac.....do.... | 399 | Great Britain, 396; Greece, 3. |
| Table.....do.... | 70,322 | Austrian ports, 70,322. |
| Nitric.....do.... | 283 | Great Britain, 164; India, 88; Italy, 35; Greece, 1. |
| Sand.....do.... | 34,162 | Italy, 19,960; Austrian ports, 14,190; Greece, 12. |
| Scammony.....do.... | 6 | Turkey, 4; Egypt, 1; Greece, 1. |
| Seeds: | | |
| Anise.....do.... | 121 | Italy, 120; Hamburg, 1. |
| Linseed.....do.... | 26,797 | India, 18,208; Turkey, 7,060; Greece, 959; Italy, 502; Russia, 59; Austrian ports, 9. |
| Rape.....do.... | 2 | France, 2. |
| Sesame.....do.... | 3,490 | France, 2,616; Turkey, 620; India, 254. |
| Divers.....do.... | 43,153 | India, 38,124; Turkey, 1,084; France, 2,049; Greece, 696; Italy, 523; Egypt, 240; Austrian ports, 179; United States, 147; Hamburg, 62; Great Britain, 31; Netherlands, 13; Russia, 5. |
| Coriander.....do.... | 578 | Italy, 578. |
| Silk: | | |
| Cocoon.....do.... | 5,208 | Turkey, 3,501; Greece, 1,364; Austrian ports, 205; France, 63; Russia, 59; Italy, 16. |
| Waste.....do.... | 2,772 | Italy, 1,695; France, 675; Great Britain, 163; Russia, 83; Egypt, 76; Turkey, 64; Austrian ports, 9; Greece, 7; |
| Spun.....do.... | 2,002 | Italy, 971; Egypt, 501; China, 403; Turkey, 105; Greece 9; Belgium, 7; Austrian ports, 6, |
| Manufactured.....do.... | 23 | Italy, 10; Great Britain, 9; Turkey, 3; Greece, 1. |
| Slates.....do.... | 376 | Great Britian, 352; Italy, 24. |
| Soap.....do.... | 1,700 | Italy, 930; Austrian ports, 277; Turkey, 278; France, 105; Greece, 80; Great Britain, 14; Netherlands, 13; Egypt, 3. |
| Soda.....do.... | 8,366 | Great Britain, 7,405; Belgium, 593; Italy, 306; Austrian ports, 59; Greece, 3. |
| Sponges.....do.... | 3,652 | Greece, 1,855; Turkey, 1,416; Tunis, 81; Egypt, 63; United States, 29; Austrian ports, 27; Italy, 118; Hamburg, 16; Belgium, 13; Tripoli, 26; Great Britain, 7; France, 1. |
| Starch.....do.... | 579 | Belgium, 143; Hamburg, 125; Great Britain, 100; Austrian ports, 94; Italy, 51; France, 6. |
| Stearin.....do.... | 709 | France, 565; Belguim, 57; Italy, 47; Netherlands, 32; Turkey, 7; Great Britain, 1. |
| Stone: | | |
| Marble.....do.... | 312 | France, 168; Italy, 115; Turkey, 18; Greece, 8; Austrian ports, 3. |
| Pumice.....do.... | 4,523 | Italy, 4,523. |
| Raw, divers.....do.... | 87,529 | Austrian ports, 64,774; Italy, 22,750; France, 5. |
| Rock, divers.....do.... | 110 | Great Britain, 90; Italy, 9; India, 8; Austrian ports, 1; Russia, 1; Turkey, 1. |
| Grind.....do.... | 58 | Great Britain, 44; Italy, 12; Austrian ports, 2. |
| Manufactures.....do.... | 115 | Italy, 97; Great Britain, 9; Turkey, 80; Austrian ports, 1. |
| Straw.....do.... | 961 | India, 419; Italy, 517; Austrian ports, 18; Hamburg, 7. |
| Sumac.....do.... | 32,009 | Turkey, 17,132; Italy, 7,852; Austrian ports, 7,025. |
| Sugar: | | |
| Raw.....do.... | 8,297 | Russia, 8,297. |
| Refined.....do.... | 1,745 | Austrian ports, 1,535; Great Britain, 84; Turkey, 26. |
| Fecula.....do.... | 208 | United States, 203; France, 5. |
| Molasses.....do.... | 49 | Great Britain, 31; Egypt, 18. |
| Sugheria (cork, etc.).....do.... | 1,615 | Italy, 832; France, 358; Algiers, 350; Hamburg, 47; Austrian ports, 27; Turkey, 1. |
| Tallow.....do.... | 7,000 | Uruguay, 3,538; Austrian ports, 1,841; Malta, 964; United States, 506; Great Britain, 120; Italy, 19; India, 12. |
| Tamarinds.....do.... | 1,794 | India, 1,600; Great Britain, 91; Italy, 57; Hamburg, 27; France, 17; Austrian ports, 2. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Tar.....quintals.... | 746 | Austrian ports, 720; Great Britain, 21; Italy, 3; Egypt, 2. |
| Tarpaulin.....do.... | 175 | Great Britain, 173; Italy, 2. |
| Tea.....do.... | 8,643 | Germany, 4,506; Great Britain, 1,599; Egypt, 1,552; India, 432; China, 132; France, 131; Netherlands, 122; Belgium, 89; Italy, 42; Russia, 38. |
| Tesales (vegetables).....do.... | 2 | Great Britain, 2. |
| Textiles: | | |
| Cotton.....do.... | 224 | Italy, 117; Great Britain, 94; Austrian ports, 10; Greece, 2; Turkey, 1. |
| Flax.....do.... | 524 | Italy, 493; Great Britain, 22; Belgium, 6; Turkey, 3. |
| Divers.....do.... | 1,794 | Great Britain, 1,708; Italy, 57; Austrian ports, 14; Turkey, 5; Belgium, 5; Netherlands, 2; Malta, 2; France, 1. |
| Tin.....do.... | 4,058 | India, 1,978; Egypt, 1,895; Netherlands, 140; United States, 20; Great Britain, 12; Austrian ports, 13. |
| Tobacco: | | |
| Leaves.....do.... | 53,268 | Turkey, 40,546; Egypt, 10,454; Austrian ports, 1,837; Greece, 352; Russia, 69; Romania, 7; Italy, 3. |
| Manufactured.....do.... | 471 | Egypt, 257; Turkey, 159; Austrian ports, 28; Greece, 11. Great Britain, 11; Montenegro, 4; Italy, 1. |
| Tortoise shell.....do.... | 17 | Egypt, 9; Massowah, 6; Turkey, 1; Italy, 1. |
| Tortoises.....number.. | 22 | Austrian ports, 19; Turkey, 3. |
| Tressed goods.....quantals.. | 6 | Italy, 4; Greece, 1; Great Britain, 1. |
| Tressed goods, divers.....do.... | 35 | Italy, 24; Austrian ports, 11. |
| Tripoli.....do.... | 64 | Great Britain, 51; Austrian ports, 12; Italy, 1. |
| Turpentine.....do.... | 166 | Italy, 166. |
| Ultramarine.....do.... | 3 | Turkey, 3. |
| Varnishes.....do.... | 1,184 | Great Britain, 991; Austrian ports, 48; France, 45; Italy 36; Hamburg, 32; United States, 15; Netherlands, 8; Belgium, 5; Greece, 3; Turkey, 1. |
| Vermillion.....do.... | 1 | Turkey, 1. |
| Vehicles.....number.. | 3 | Austrian ports, 2; United States, 1. |
| Vinegar.....quintals.. | 92 | Austrian ports, 63; Italy, 28, Turkey, 1. |
| Vitriol.....do.... | 1,433 | Great Britain, 918; Italy, 311; Austrian ports, 164; Turkey, 40. |
| Watches and clocks, parts of, number. | 14 | Italy, 12; Turkey, 1; Egypt, 1. |
| Wagons.....do.... | 46 | Austrian ports, 46 (number). |
| Wax: | | |
| Vegetable.....quintals.. | 1,637 | Egypt, 802; Italy, 181; Austrian ports, 178; Turkey, 155; France, 92; Japan, 82; Gibraltar, 79; Massowah, 20; Aden, 19; Tunis, 18; India, 8; Hamburg, 8. |
| Sealing.....do.... | 24 | Italy, 13; Turkey, 11. |
| Wicks.....do.... | 190 | Italy, 112; Great Britain, 53; France, 22; Hamburg, 3. |
| Wine.....do.... | 562,669 | Italy, 333,833; Austrian ports, 195,132; Greece, 24,747, Turkey, 4,892; Cyprus, 1,915; France, 712; Egypt, 615; Roumania, 484; British India, 171; Spain, 116; Tunis, 44; Great Britain, 22; Germany, 5; Russia, 1. |
| Wood: | | |
| Fire.....cubic meter.. | 6,037 | Austrian ports, 5,949; Italy, 88. |
| Yards.....pieces.. | 95 | Austrian ports, 95. |
| Square timbers..cubic meter.. | 746 | Austrian ports, 413; Italy, 333. |
| Hoops.....bundles.. | 695 | Austrian ports, 355; Italy, 340. |
| Staves.....number.. | 3,922,920 | Austrian ports, 3,911,140; United States, 11,620; Italy, 160. |
| Stanchions.....do.... | 34,122 | Austrian ports, 33,712; Russia, 410. |
| Planks.....do.... | 17,642 | Roumania, 13,140; Austrian ports, 4,142; Italy, 300; France, 60. |
| Oars.....do.... | 6,984 | Austrian ports, 6,904; United States, 80. |
| Scantlings.....do.... | 10,150 | Austrian ports, 10,150. |
| Stanchions, beech.....do.... | 131,584 | Austrian ports, 131,584. |
| Boards.....do.... | 93,440 | Austrian ports, 56,510; Roumania, 32,110; Italy, 2,860; Russia, 1,960. |
| Scantlings, beech.....do.... | 67,510 | Austrian ports, 67,510. |
| Beams.....do.... | 1,220 | Austrian ports, 1,165; Italy, 55. |
| European growth, cubic meters. | 755 | Austrian ports, 759; Italy, 196. |
| Foreign.....quintals.. | 23,885 | United States, 18,384; India, 3,424; Italy, 1,229; Great Britain, 374; Hamburg, 295; Jamaica, 112; France, 39; Russia, 28. |
| Manufactures, ordinary...do.. | 2,200 | Italy, 1,819; Austrian ports, 160; Germany, 87; United States, 48; Egypt, 28; Turkey, 26; Great Britain, 16; France, 10; Greece, 6. |
| Manufactured, etc.....do.... | 1,037 | Austrian ports, 651; Italy, 312; France, 35; Egypt, 24; United States, 5; Turkey, 5; Great Britain, 4; Greece, 1. |
| Dye.....do.... | 32,883 | Jamaica, 24,673; Turkey, 3,664; France, 2,193; Great Britain, 963; Austrian ports, 550; India, 287; Hamburg, 265; Greece, 238; Italy, 50. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Wool: | | |
| Raw.....quintals.. | 11,063 | Turkey, 5,374; Austrian ports, 2,212; Italy, 1,040; Greece, 856; India, 465; Great Britain, 392; France, 252; Montenegro, 181; Russia, 148; Cyprus, 88; Hamburg, 34; Egypt, 10; Aden, 8; Tripolis, 3. |
| Manufactured.....do.... | 3,248 | Turkey, 2,648; Italy, 224; Great Britain, 148; Egypt, 69; Tunis, 49; Austrian ports, 47; Greece, 27; Russia, 23; India, 3; Bulgaria, 3; France, 4; Tripolis, 2; Netherlands, 1. |
| Various manufactures: | | |
| Shoemakers.....do.... | 85 | Turkey, 49; Austrian ports, 12; Belgium, 9; Italy, 9; Great Britain, 4; Egypt, 2. |
| Rope.....do.... | 3,737 | Italy, 3,423; Great Britain, 170; Austrian ports, 96; Belgium, 37; Greece, 6; France, 5; Turkey, 1. |
| Basket.....do.... | 25 | Austrian ports, 17; Italy, 7; France, 1. |
| Brush.....do.... | 19 | Italy, 15; Turkey, 3; Malta, 1. |
| Turners.....do.... | 29 | Italy, 29. |
| Engravers.....do.... | 263 | Turkey, 113; Italy, 113; Egypt, 35; France, 1; Great Britain, 1. |
| Fine art.....do.... | 47 | Italy, 40; Turkey, 5; Greece, 2. |
| Yarns, divers.....do.... | 6,025 | Great Britain, 4,917; Turkey, 454; Austrian ports, 367; Italy, 140; India, 100; France, 28; Belgium, 6; Tunis, 6; Egypt, 6; Russia, 1. |
| Zinc.....do.... | 203 | Austrian ports, 108; Belgium, 84; Great Britain, 6; Turkey, 3; Greece, 1; Italy, 1. |

EXPORTS.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Acid: | | |
| Acetic.....quintals.. | 169 | Italy, 56; Austrian ports, 51; Turkey, 51; Egypt, 7; Malta, 3; Greece, 1. |
| Phenic.....do.... | 456 | Austrian ports, 181; Turkey, 155; Egypt, 52; Greece, 25; Russia, 20; Bulgaria, 13; Roumania, 9; Tripolis, 1. |
| Muriatic.....do.... | 61 | Austrian ports, 38; Turkey, 21; Russia, 1; Greece, 1. |
| Nitric.....do.... | 58 | Turkey, 47; Austrian ports, 8; Italy, 2; Greece, 1. |
| Sulphuric.....do.... | 683 | Turkey, 390; Austrian ports, 214; Greece, 36; Bulgaria, 22; Italy, 17; Egypt, 3; Russia, 1. |
| Acorns.....do.... | 312 | Hamburg, 96; Italy, 88; United States, 61; Great Britain, 37; Austrian ports, 26; Tunis, 4. |
| Albumen.....do.... | 14 | Hamburg, 6; Austrian ports, 4; Greece, 3; Turkey, 1. |
| Alcohol.....hectoliters.. | 8,1358 | Turkey, 34,214; Egypt, 9,935; Austrian ports, 9,854; Tunis, 8,898; France, 6,812; Italy, 3,149; Greece, 2,993; Bulgaria, 1,873; Malta, 1,073; Tripolis, 828; Massowah, 691; Cyprus, 480; India, 259; Montenegro, 60; Great Britain, 132; Morocco, 25; Aden, 25; Japan, 5; Zanzibar, 9; China, 2; Persia, 1. |
| Alizsri.....quintals.. | 82 | Austrian ports, 50; Turkey, 32. |
| Aloes.....do.... | 3 | Turkey, 2; Greece, 1. |
| Alum.....do.... | 488 | Austrian ports, 315; Turkey, 99; Greece, 43; Roumania, 20; Egypt, 4; Cyprus, 2; Italy, 4; Montenegro, 1. |
| Amber.....do.... | 36 | Turkey, 34; Italy, 2. |
| Animals: | | |
| Oxen.....number.. | 1 | Turkey, 1. |
| Veals.....do.... | 174 | Austrian ports, 171; Turkey, 3. |
| Horses.....do.... | 21 | Egypt, 8; Greece, 6; Italy, 4; Malta, 2; Austrian ports, 1. |
| Antimony.....quintals.. | 475 | Italy, 370; United States, 63; Turkey, 35; Greece, 6; Austrian ports, 1. |
| Argols.....do.... | 3,151 | United States, 1,780; Russia, 491; Turkey, 435; Italy, 163; Bulgaria, 108; Great Britain, 55; Egypt, 44; Roumania, 29; Greece, 25; Austrian ports, 18; Cyprus, 3. |
| Arms, parts of.....do.... | 11,587 | Turkey, 10,603; Belgium, 367; Greece, 207; Hamburg, 124; Austrian ports, 115; Egypt, 112; Tripolis, 46; Bulgaria, 6; Cyprus, 2; Russia, 2; Malta, 1; Great Britain, 1; Romania, 1. |
| Arsenic.....do.... | 380 | Italy, 269; Turkey, 75; Greece, 20; Egypt, 10; Morocco, 3; Russia, 2; Austrian ports, 1. |
| Asphaltum.....do.... | 208 | Great Britain, 82; Italy, 78; Austrian ports, 47; Roumania, 1. |
| Bacon.....do.... | 360 | Austrian ports, 347; Italy, 9; Turkey, 2; Egypt, 2. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Bags, empty ..... quintals.. | 6,317 | Turkey, 2,058; Greece, 1,925; Austrian ports, 1,600; Great Britain, 485; Bulgaria, 86; Roumania, 31; Cyprus, 47; France, 28; Italy, 30; Egypt, 27. |
| Balsam ..... do.... | 1 | Turkey, 1. |
| Barks for tanning ..... do.... | 1,283 | Roumania, 741; Austrianports, 386; Turkey, 100; Italy, 31; France, 32; United States, 8; Egypt, 3; Hamburg, 1; Cyprus, 1. |
| Beef: | | |
| Fresh ..... do.... | 75 | Austrian ports, 62; Italy, 13. |
| Prepared ..... do.... | 1,229 | Austrian ports, 532; Egypt, 345; Italy, 218; Turkey, 104; Greece, 27; Great Britain, 2; Cyprus, 1. |
| In bags ..... do.... | 546 | Egypt, 309; Austrian ports, 170; Turkey, 43; Greece, 19; Roumania, 2; Bulgaria, 1; Cyprus, 1; Italy, 1. |
| Beer ..... hectoliters.. | 103,600 | Egypt, 36,275; Austrian ports, 22,899; Turkey, 22,859; Italy, 6,605; Philippine Islands, 3,635; Greece, 2,372; Brazil, 1,914; Massowa, 1,144; India, 3,760; China, 622; Bulgaria, 269; Great Britain, 179; Aden, 139; Russia, 116; Cyprus, 536; Massowah, 75; Malta, 54; Tripoli, 25; Japan, 18; Siam, 18; Roumania, 33; Tunis, 13; Morocco, 13; Montenegro, 8; Argentine, 8; Spain, 7; Algiers, 3; France, 1. |
| Bells ..... quintals.. | 149 | Austrian ports, 82; Turkey, 37; Cyprus, 15; Egypt, 9; Italy, 4; Greece, 2. |
| Brooms and brushes ..... do.... | 1,493 | Austrian ports, 1,048; Egypt, 214; Cyprus, 56; Turkey, 83; Italy, 49; Greece, 114; China, 12; Russia, 8; Montenegro, 6; United States, 3. |
| Blood, animal ..... do.... | 328 | Italy, 328. |
| Books: | | |
| Printing stivers ..... do.... | 1,271 | Turkey, 381; Austrian ports, 264; Greece, 197; Egypt, 134; Italy, 182; Russia, 74; Bulgaria, 38; Great Britain, 15; Tunis, 10; Tripolis, 8; Roumania, 5; Malta, 4; India, 4; France, 2; Spain, 1; Cyprus, 1; Australia, 1. |
| Bones: | | |
| Whale ..... do.... | 16 | Italy, 7; Russia, 6; Turkey, 2; Tunis, 1. |
| Cuttlefish ..... do.... | 509 | United States, 399; Great Britain, 92; Russia, 9; Hamburg, 9. |
| Divers ..... do.... | 4,699 | Italy, 4,543; Roumania, 149; Austrian ports, 4; Turkey, 3. |
| Borax ..... do.... | 107 | Greece, 70; Italy, 12; Austrian ports, 10; Turkey, 6; Egypt, 2; Roumania, 7. |
| Brass ..... do.... | 464 | Italy, 148; Austrian ports, 123; Turkey, 117; Greece, 34; Egypt, 6; Tripolis, 3; Spain, 2; Roumania. |
| Manufactured ..... do.... | 1,838 | Italy, 1,026; Turkey, 453; Egypt, 150, Russia, 72; Greece, 45; Tunis, 34; Austrian ports, 24; Malta, 16; Bulgaria, 12; Roumania, 6. |
| Bread divers ..... do.... | 2,706 | Austrian ports, 2,149; Turkey, 303; Egypt, 227; Greece, 10; Brazil, 4; Bulgaria, 4; Montenegro, 4; Italy, 4; Russia, 1. |
| Bricks and tiles ..... do.... | 6,547 | Austrian ports, 4,359; United States, 925; Italy, 863; Russia, 300; Turkey, 93; Greece, 7. |
| Brimstone ..... do.... | 10,130 | Austrian ports, 8,883; Roumania, 543: Turkey, 316; Egypt, 114; Great Britain, 108; France, 82; China, 55; Montenegro, 8; Bulgaria, 5; Cyprus, 4; Greece, 12. |
| Bronze ..... do.... | 47 | Italy, 18; Roumania, 8; Russia, 7; Austrian ports, 5; Turkey, 4; Egypt, 4; Greece, 1. |
| Butter ..... do.... | 2,033 | Austrian ports, 914: Egypt, 560; Greece, 286; Turkey, 186; Brazil, 36; Cyprus, 29; Massowah, 20; Hamburg, 1; Italy, 1. |
| Camphor ..... do.... | 8 | Austrian ports, 1; Greece, 1; Bulgaria, 1. |
| Candles: | | |
| Wax ..... do.... | 1,331 | Russia, 605; Austrian ports, 197; Turkey, 285; Egypt, 177; Greece, 44; Italy, 7; Cyprus, 6; Bulgaria, 5; Montenegro, 3; Malta, 1; Tunis, 1. |
| Tallow ..... do.... | 99 | Austrian ports, 96; Italy, 3. |
| Divers ..... do.... | 1,605 | Austrian ports, 1,260; Turkey, 210; Hamburg, 40; Greece, 30; Tripolis, 23; Italy, 21; Egypt, 11; Montenegro, 4; Roumania, 3; Tunis, 2; Argentine, 1. |
| Canes, divers ..... do.... | 188 | Italy, 62; Austrian ports, 61; Egypt, 8; Hamburg, 5; Turkey, 2. |
| Caoutchouc and rubber ..... do.... | 1,494 | Turkey, 1,038; Egypt, 160; Austrian ports, 109; Greece, 71; Bulgaria, 42; India, 31; Italy, 24; Australia, 13; Malta, 2; China, 1; Tunis, 1; Russia, 1; Montenegro, 1. |
| Rubber, divers ..... do.... | 232 | Italy, 223; Austrian ports, 5; Greece, 4. |
| Cards, playing ..... do.... | 1,729 | Turkey, 906; India, 517; Egypt, 109; Bulgaria, 56; Tunis, 34; Austrian ports, 29; Romania, 29; Aden, 23, Cyprus, 15; Greece, 7; Massowah, 4. |
| Corn ..... do.... | 676 | France, 456; Tunis, 104; Tripolis, 89; Egypt, 27. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Cement .....quintals.. | 6,594 | Austrian ports, 5,363; Turkey, 505; Italy, 452; Greece, 121; Russia, 102; Egypt, 27; Montenegro, 14; Aden, 8; Spain, 2. |
| Cement, manufactured .....do.... | 57 | Malta, 50; Austrian ports, 5; Turkey, 1; Egypt, 1. |
| Chalk .....do.... | 825 | Austrian ports, 650; Turkey, 91; Greece, 71; Italy, 6; Roumania, 6; Cyprus, 1. |
| Cheese..... do.... | 2,821 | Austrian ports, 1,624; Egypt, 532; Italy, 368; Turkey, 222; Greece, 41; Great Britain, 13; Russia, 5; Bulgaria, 5; Tunis, 4; France, 4; Roumania, 2; Egypt, 1. |
| Chemical, products.....do.... | 3,148 | Turkey, 1,191; Greece, 669; Russia, 359; Italy, 231; India, 211; Egypt, 173; Austrian ports, 140; Aden, 72; France, 16; Roumania, 13; Australia, 32; Japan, Bulgaria, 12; China, 5; Tunis, 4; Spain, 2; Cyprus, 2; Siam, 2; Massowah, 1; Tripolis, 1. |
| Chocolate .....do.... | 526 | Roumania, 245; Austrian ports, 161; Turkey, 91; Egypt, 21; Tunis, 3; Italy, 1; Argentine, 1; Cyprus, 3. |
| Chloride of lime.....do.... | 420 | Greece, 114; Italy, 103; Turkey, 99; Egypt, 45; Austrian ports, 31; Bulgaria, 28. |
| Cloths, divers .....do.... | 11,363 | Turkey, 6,052; Egypt, 3,591; Greece, 692; Austrian ports, 592; Bulgaria, 243; Tunis, 45; Italy, 39; Roumania, 28; Malta, 24; Russia, 15; Aden, 10; Brazil, 7; Cyprus, 7; Montenegro, 6; Massowah, 6; India, 2; Great Britain, 2; United States, 1; Spain, 1. |
| Charcoal .....do.... | 5,104 | Italy, 4,019; Austrian ports, 1,084; Egypt, 1. |
| Coal.....do.... | 40,572 | Austrian ports, 20,367; Italy, 18,861; Russia, 1,300; Turkey, 41; Egypt, 3. |
| Coccole.....do.... | 14 | Italy, 9; Austrian ports, 2; Greece, 2; Turkey, 1. |
| Cochineal .....do.... | 38 | Austrian ports, 18; Turkey, 18; France, 1; Italy, 1. |
| Coffee .....do.... | 92,497 | Turkey, 28,959; Italy, 20,991; Austrian ports, 19,765; Greece, 10,165; Russia, 4,861; Roumania, 4,806; Egypt, 1,234; Bulgaria, 390; Cyprus, 375; Great Britain, 372; Montenegro, 236; Malta, 155; Hamburg, 128; Tunis, 35; United States, 25. |
| Coffee, cacao .....do.... | 44 | Italy, 27; Roumania, 11; Austrian ports, 6. |
| Coffee, substitutes.....do.... | 1,334 | Austrian ports, 967; Turkey, 202; Egypt, 65; Russia, 19; Greece, 16; Tunis, 15; Italy, 12; Cyprus, 14; Malta, 8; Bulgaria, 7; Tripolis, 6; United States, 1; Great Britain, 1; Spain, 1. |
| Colocynth.....do.... | 89 | Hamburg, 38; Great Britain, 25; United States, 20; Italy, 6. |
| Colors, prepared.....do.... | 6,151 | India, 2,498; Turkey, 1,831; Austrian ports, 559; Greece 298; Egypt, 246; Italy, 207; Russia, 180; Bulgaria, 117; Japan, 64; Malta, 33; Roumania, 30; Tripolis, 26; Tunis, 20; France, 12; Spain, 12; Cyprus, 7; China, 5; Aden, 4; Montenegro, 2. |
| Comestibles.....do.... | 6,285 | Austrian ports, 1,911; Egypt, 1,640; Turkey, 809; India, 641; Brazil, 348; Great Britain, 268; Italy, 132; Russia, 121; Greece, 111; United States, 105; Massowah, 51; Aden, 37; Roumania, 31; Japan, 25; Philippine, 11; Zanzibar, 9; Hamburg, 8; Cyprus, 7; Montenegro, 6; Tunis, 5; China, 4; Bulgaria, 2; Argentine, 2; Persia, 1. |
| Copper.....do.... | 911 | Austrian ports, 311; Italy, 251; Cyprus, 162; Turkey, 101; Greece, 52; Bulgaria, 11; Egypt, 10; Russia, 7; France, 4; Montenegro, 2. |
| Copper, manufactured.....do.... | 214 | Austrian ports, 162; Egypt, 25; Turkey, 12; Italy, 11; Malta, 1; Greece, 1; Russia, 1; Bulgaria, 1. |
| Copper, scraps.....do.... | 1,362 | Great Britain, 403; Austrian ports, 372; Italy, 322; Roumania, 117; Turkey, 66; Tripolis, 20; Russia, 2. |
| Coral..... do.... | 10 | Italy, 5; Austrian ports, 3; India, 2. |
| Cotton..... do.... | 58,698 | Italy, 54,952; Greece, 2,599; Austrian ports, 733; Great Britain, 44; Montenegro, 21; Russia, 8; Tunis, 6; Roumania, 1; India, 1. |
| Cotton goods.....do.... | 49,273 | Turkey, 23,215; India, 4,997; Egypt, 4,694; Austrian ports, 4,602; Italy, 3,600; Roumania, 3,247; Greece, 2,685; Bulgaria, 959; Tunis, 234; Cyprus, 121; Brazil, 182; Malta, 164; Zanzibar, 117; Montenegro, 101; Tripolis, 97; Russia, 48; Mozambique, 44; Philippine, 42; China, 35; Siam, 27; France, 25; Persia, 15; Aden, 11; Morocco, 10; Great Britain, 1. |
| Crockery.....do.... | 7,385 | Turkey, 3,170; Austrian ports, 2,020; Egypt, 856; Italy, 493; Greece, 376; Russia, 86; Bulgaria, 86; Tunis, 86; Malta, 78; Cyprus, 54; Tripolis, 21; Aden, 18; Brazil, 12; Roumania, 9; Montenegro, 7; India, 6; United States, 4; Great Britain, 3. |
| Crustacea .....do .... | 117 | Italy, 69; Austrian ports, 48. |
| Cumin .....do.... | 56 | Austrian ports, 24; Greece, 10; Egypt, 8; France, 5; Turkey, 5; Italy, 5. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Drugs: | | |
| Anise, star ..... quintals.. | 7 | Greece, 7. |
| Cinnamon ..... do.... | 2,635 | Turkey, 956; Italy, 529; Greece, 315; Russia, 165; Roumania, 154; Egypt, 129; Austrian ports, 93; Morocco, 89; Tripolis, 78; Cyprus, 66; Bulgaria, 35; Tunis, 22; Malta, 4. |
| Cloves ..... do.... | 223 | Greece, 68; Turkey, 42; Italy, 34; Austrian ports, 22; Roumania, 19; Cyprus, 16; Russia, 13; Egypt, 7; Morocco, 2. |
| Nutmegs ..... do.... | 11 | Italy, 7; Hamburg, 2; Austrian ports, 1; Greece, 1. |
| Pepper ..... do.... | 5,016 | Italy, 2,048; Austrian ports, 933; Greece 614; Turkey, 572; Roumania, 360; Egypt, 220; Russia, 94; Morocco, 67; Hamburg, 47; Cyprus, 41; Bulgaria, 18; Montenegro, 2. |
| Pimento ..... do.... | 312 | Italy, 91; Greece, 79; Austrian ports, 50; Turkey, 41; Roumania, 25; Egypt, 9; Morocco, 5; Russia, 7; Bulgaria, 4; Cyprus, 1. |
| Ginger ..... do.... | 78 | Russia, 39; Morocco, 13; Greece, 9; Austrian ports, 8; Cyprus, 5; Turkey, 2; Bulgaria, 1; Roumania, 1. |
| Divers ..... | 6,109 | Great Britain, 1,406; Turkey, 1,170, Greece, 1,008; Austrian ports, 788; United States, 486; Greece, 485; Russia, 244; Massowah, 114; Cyprus, 100; Bulgaria, 54; India, 48; Hamburg, 48; France, 65; Roumania, 36; Malta, 7; Tripoli, 2; Italy, 46; Montenegro, 2. |
| Earth: | | |
| Coloring ..... do.... | 5,687 | Great Britain, 1,971; Austrian ports, 1,015; United States, 633; Hamburg, 595; Turkey, 540; Greece, 414; Italy, 339; Roumania, 53; Russia, 40; Egypt, 29; India, 23; Malta, 25; Cyprus, 7; Montenegro, 2; France, 1. |
| Divers ..... do.... | 15,296 | Belgium, 7,122; Great Britain, 4,355; Austrian ports, 1,238; Italy, 804; Hamburg, 416; Roumania, 401; India, 373; Bulgaria, 200; United States, 185; Turkey, 56; Egypt, 82; Greece, 35; Russia, 28; France, 1. |
| Eggs of sturgeon (caviare), quintals. | 7 | Turkey, 3; Greece, 2; Austrian ports, 1; Italy, 1. |
| Emery ..... quintals.. | 659 | France, 408; Italy, 143; Russia, 60; Turkey, 28; Austrian ports, 14; Egypt, 3; Cyprus, 2; Tunis, 1. |
| Essence, aromatical ..... do.... | 928 | Turkey, 441; Egypt, 176; India, 122; Austrian ports, 51, Greece, 31; Italy, 26; Malta, 25; Bulgaria, 22; Tunis, 12; Roumania, 7; United States, 49 Cyprus, 4; Brazil, 3; China, 1; Argentine 1; Tripolis, 1; Russia, 1. |
| Extracts: | | |
| Tanning ..... do.... | 5,112 | Hamburg, 2,050; Great Britain, 1,351; Italy, 608; United States, 552; Belgium, 208; Russia, 156; Austrian ports, 126; Spain, 53; Roumania, 8. |
| Dyeing ..... do.... | 1,411 | Great Britain, 806; Russia, 454; France, 86; Austrian ports, 28; Italy, 24; Turkey, 8; Greece, 6; Hamburg, 2; Roumania, 1. |
| Felt ..... do.... | 309 | Turkey, 223; Austrian ports, 25; Egypt, 25; Greece, 18; Italy, 10; Tripolis, 4; Tunis, 2; Bulgaria, 2. |
| Fennel ..... do.... | 294 | Great Britain, 214; Hamburg, 67; United States, 5; Italy, 5; Austrian ports, 2; France, 1. |
| Fish: | | |
| Herring ..... do.... | 678 | Austrian ports, 575; Italy, 80; Egypt, 15; Turkey. 7; Greece, 1. |
| Stock ..... do.... | 9,236 | Austrian ports, 7,785; Italy, 1,166; Greece, 212; Turkey, 24; Egypt, 22; Roumania, 21; Montenegro, 3; Russia, 2; Great Britain, 1. |
| Sardelles ..... do.... | 1,836 | Italy, 704; Austrian ports, 664; Egypt, 248; Greece, 98; Russia, 82; Turkey, 36; United States, 2; Bulgaria, 2. |
| Divers ..... do.... | 643 | Italy, 496; Austrian ports, 96; Greece, 51. |
| Fresh ..... do.... | 1,625 | Italy, 1,625. |
| Flax ..... do.... | 123 | Turkey, 50; Austrian ports, 31; Greece, 17; Italy, 16; Malta, 2; Great Britain, 5; Bulgaria, 1; Egypt, 1. |
| Flax manufactured ..... do.... | 1,374 | Austrian ports, 378; Turkey, 376; Italy, 287; Greece, 172; Egypt, 103; Great Britain, 41; Bulgaria, 17. |
| Flour ..... do.... | 366,823 | Austrian ports, 224,153; Great Britain, 54,940; Brazil, 19,931; France, 16,647; India, 11,810; Algiers, 10.907; Turkey, 8,883; Egypt, 5,810; Italy, 4,167; Zanzibar, 2,150; Aden, 1,580; Hamburg, 1,157; Greece, 3,542; Mozambique, 257; Cyprus, 252; Montenegro, 153; Tunis, 167; Massowah, 102; Madagascar, 67; Gibraltar, 64; Belgium, 50; Uruguay, 15; Morocco, 10; Tripolis, 8. |
| Fowls, ..... do.... | 26 | Egypt, 24; Italy, 1. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Fruits: | | |
| Oranges and lemons.quintals.. | 12,383 | Austrian ports, 11,100; Italy, 628; Russia, 328; Turkey, 327. |
| Oranges, dried .....do.... | 19 | United States, 8; Russia, 8; Great Britain, 3. |
| Capers .....do.... | 12 | Austrian ports, 11; Italy, 1. |
| St. John's bread.....do.... | 3,957 | Hamburg, 1,124; Great Britain, 922; Italy, 855; Belgium, 376; France, 288; Austrian ports, 205; Russia, 174; United States, 13. |
| Chestnuts.....do.... | 526 | Austrian ports, 467; Egypt, 59. |
| Crab apples, pickled ....do.... | 3,416 | Italy, 2,100; Hamburg, 898; Great Britain, 364; Russia, 30; United States, 24. |
| Dates .....do.... | 881 | Italy, 366; Austrian ports, 314; Turkey, 180; Greece, 18; Russia, 3. |
| Figs, dried .....do.... | 3,172 | Austrian ports, 1,664; Italy, 786; Great Britain, 341; Hamburg, 214; Turkey, 89; Egypt, 78. |
| Almonds .....do.... | 336 | Austrian ports, 128; Italy, 86; Roumania, 46; Great Britain, 43; Egypt, 15; Greece, 14; Bulgaria, 4. |
| Cocoanuts.....do.... | 22 | Turkey, 22. |
| Nuts, divers.....do.... | 6,567 | Italy, 4,003; Austrian ports, 679; Belgium, 581; Egypt, 412; Great Britain, 294; Turkey, 243; France, 179; United States, 176. |
| Olives.....do.... | 442 | Italy, 167; Malta, 141; Austrian ports, 65; Egypt, 33; France, 28; United States, 4; Turkey, 3; Great Britain, 1. |
| Prunes, dried.....do.... | 34,867 | United States, 30,055; Great Britain. 2,039; Italy, 1,519; Austrian ports, 725; Hamburg, 225; Egypt, 201; Turkey, 55; Greece, 48. |
| Currants and dried grapes.do... | 12,308 | Italy, 10,313; Austrian ports, 949; Great Britain, 635; Hamburg, 222; Turkey, 59; Belgium, 43; Malta 36; Egypt, 20; Argentine, 13; Brazil, 12; Tunis, 6. |
| Fresh, divers.....do.... | 2,056 | Austrian ports, 1,130; Egypt, 502; Italy, 169; Aden, 129; India, 60; Malta, 46; Turkey, 19; Greece. 1. |
| Dried and prepared .....do.... | 4,791 | Great Britain, 1,594; United States, 1,358; Italy, 887; Hamburg. 403; Austrian ports, 341; India, 77; Aden, 37; Turkey, 32; Egypt, 19; France, 17; Greece, 8; Roumania, 7; Russia, 5; Australia, 4; Siam, 1; Brazil. 1. |
| Gall nuts.....do.... | 41,470 | Italy, 36,293; Austrian ports, 1,799; Hamburg, 1,253; Roumania, 1.222; Russia, 491; Turkey, 251; Tunis, 28; Great Britain, 133. |
| Game .....do.... | 82 | Egypt, 81; Italy, 1. |
| Glassware.....do.... | 47,899 | Turkey, 16,731; Austrian ports, 8,943; Egypt, 5,294; India. 5,134; Greece, 3,519; Italy, 3,148; Bulgaria, 944; Cyprus, 859; Malta, 820; Tunis, 504; Tripoli, 256; Zanzibar, 203; Gibraltar, 196; Roumania, 174; Russia, 120; Persia, 102; Morocco, 97; United States, 77; Massowah, 67; Brazil, 56; Montenegro, 47; Aden, 33; Philippine, 30; China, 20; Algiers, 14; France, 8; Japan, 2; Australia, 1. |
| Glassware, scraps .....do.... | 2,533 | Italy, 1,779; Austrian ports, 744. |
| Glycerine .....do.... | 291 | United States, 118; Turkey, 99; Egypt, 21; Austrian ports, 17; Greece, 16; Uruguay, 10; Bulgaria, 6; Italy, 2; Cyprus, 2. |
| Glue .....do.... | 1,533 | Austrian ports, 619; Turkey, 262; Egypt, 184; Italy, 158; Greece, 144; Russia, 840; Bulgaria, 29; Great Britain, 24; Roumania, 12; Cyprus, 6; France, 6; Morocco, 4; Tunis, 1. |
| Gold.....kilograms.. | 81 | India, 79; Tripoli, 2. |
| Gold, specie .....do.... | 827 | Malta, 683; Turkey, 63; Greece, 60; Tunis, 10; Austrian ports. 9; France, 1; Italy, 1. |
| Gold, scrap .....do.... | 45 | France, 41; Austrian ports, 4. |
| Grain: | | |
| Barley..... quintals.. | 10,677 | Italy, 4,324; Austrian ports, 1,939; Turkey, 1,885; Greece, 1,250; France, 1,165; Egypt, 53; Spain, 40; Tunis, 11; Bulgaria, 10. |
| Maize .....do.... | 25,636 | Austrian ports, 13,975; Italy, 8,907; Turkey, 1,656; Greece, 1,098. |
| Millet .....do.... | 3,462 | Italy, 1,578; Great Britain, 1,103; Hamburg, 311; Austrian ports, 193; Belgium, 182; France, 92; Massowah, 3. |
| Oats.....do.... | 5,727 | Austrian ports, 2,807; Italy, 2,493; Massowah, 372; Greece, 29; Malta, 14; Tunis, 11. |
| Rye .....do.... | 847 | Turkey, 500; Italy, 168; Austrian ports, 91; Egypt, 800; Greece, 8. |
| Wheat .....do.... | 21,855 | Italy, 13,212; Austrian ports, 8,642; Greece, 1. |
| Graphite .....do.... | 59 | Great Britain, 25; Italy, 15; Russia, 11; Austrian ports, 8. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Grease: | | |
| Divers ..... quintals.. | 581 | Egypt, 466; Austrian ports, 85; Italy, 14; Greece, 10; Turkey, 6. |
| Machine ..... do.... | 802 | Egypt, 438; Austrian ports, 279; Great Britain, 40; Turkey, 18; France, 10; Russia, 7; Bulgaria, 2; Italy, 8. |
| Gums: | | |
| Various ..... do.... | 7,302 | Great Britain, 2,517; Italy, 2,157; United States, 849; Hamburg, 429; France, 389; Greece, 265; Russia, 236; Turkey, 157; Spain, 76; Belgium, 47; Austrian ports, 45; Roumania, 39; Brazil, 32; Argentine, 30; Egypt, 23; Cyprus, 12; India, 5; Malta, 2; Bulgaria, 2. |
| Tragacanth ..... do.... | 7 | France, 5; Italy, 2. |
| Guts ..... do.... | 72 | United States, 5; Italy, 35; Turkey, 25; Hamburg, 7. |
| Hair: | | |
| Horses ..... do.... | 215 | Italy, 99; Austrian ports, 78; Turkey, 24; Algiers, 5; Greece, 4; Egypt, 5; France, 2. |
| Vegetable ..... do.... | 1,968 | Italy, 1,515; Austrian ports, 433; Greece, 27; Turkey, 3. |
| Pig ..... do.... | 13 | Italy, 8; France, 3; Austrian ports, 2. |
| Hats: | | |
| Silk, felt, etc ..... do.... | 1,039 | Turkey, 629; Egypt, 130; India, 105; Greece, 89; Bulgaria, 39; Austrian ports, 29; Zanzibar, 7; Roumania, 4; Cyprus, 3; Mozambique, 1; Tunis, 1; Italy, 2. |
| Straw, etc ..... do.... | 149 | Austrian ports, 53; Turkey, 48; Bulgaria, 22; Egypt, 19; Greece, 5; Brazil, 10 Montenegro, 1. |
| Hardware ..... do.... | 2,442 | Turkey, 7,721; India, 3,973; Italy, 2,746; Egypt, 2,006; Austrian ports, 1,505; Greece, 1,478; Tunis, 886; Russia, 392; Bulgaria, 555; Tripoli, 261; Cyprus, 129; Massowah, 29; China, 80; Brazil, 40; Aden, 29; Philippine, 19; Australia, 6; Persia, 5; Siam, 3; United States, 1; Malta, 578. |
| Hay ..... do.... | 1,244 | Egypt, 709; Austrian ports, 386; France, 140; Aden, 9. |
| Hemp ..... do.... | 4,575 | Great Britain, 2,530; Austrian ports, 964; Turkey, 421; Greece, 405; Roumania, 152; Italy, 70; India, 23; Cyprus, 5; Bulgaria, 4; United States, 1. |
| Honey ..... do.... | 126 | France, 92; Austrian ports, 17; Italy, 16; Egypt, 1. |
| Hops ..... do.... | 124 | Turkey, 78; Greece, 17; Russia, 16; Bulgaria, 7; India, 6. |
| Horns ..... do.... | 408 | France, 408. |
| Ice ..... do.... | 6,652 | Austrian ports, 6,635; Italy, 17. |
| Incense ..... do.... | 408 | Turkey, 85; Austrian ports, 83; Italy, 55; Spain, 50; Bulgaria, 48; Greece, 28; Great Britain, 32; Russia, 10; Hamburg, 9; Roumania, 5; Cyprus, 1; Tunis, 1; United States, 1. |
| Indigo ..... do.... | 3,124 | Italy, 546; Great Britain, 489; Turkey, 446; Russia, 703; Roumania, 431; Greece, 200; France, 103; Hamburg, 100; Austrian ports, 71; Morocco, 35. |
| Ink ..... do.... | 1,592 | Turkey, 797; Russia, 210; Austrian ports, 196; Egypt, Greece, 112; Bulgaria, 63; Italy, 26; Cyprus, 25; Tunis, 7. |
| Instruments, musical ..... do.... | 2,293 | Italy, 1,079; Egypt, 476; Turkey, 274; Greece, 134; Austrian ports, 111; Russia, 79; Malta, 19; Bulgaria, 18; Cyprus, 3. |
| Divers ..... do.... | 1,005 | India, 411; Turkey, 166; Egypt, 125; Russia, 98; Italy, 79; Austrian ports, 46; Greece, 37; Bulgaria, 13; Malta, 3; China, 9; Tunis, 5; Cyprus, 4; Mozambique, 3; Brazil, 1. |
| Instruments, scientific ..... do.... | 419 | Turkey, 146; Greece, 118; Egypt, 86; Austrian ports, 40; Russia, 15; Italy, 8; Bulgaria, 3; Spain, 2; India, 1. |
| Iron and Steel: | | |
| Raw ..... do.... | 719 | Austrian ports, 562; Italy, 148; Malta, 9. |
| Scrap ..... do.... | 1,740 | Italy, 1,339; Turkey, 282; Austrian ports, 81; Montenegro, 38. |
| Bar ..... do.... | 14,295 | Austrian ports, 9,119; Italy, 2,768; Turkey, 1,481; Greece, 539; Roumania, 311; India, 21; Egypt, 18; Cyprus, 14; Great Britain, 12; Montenegro, 12. |
| Steel ..... do.... | 25,299 | Italy, 8,505; Turkey, 9,442; France, 1,966; Greece, 1,901; Brazil, 1,483; China, 1,274; Austrian ports, 1,254; Great Britain, 1,000; Bulgaria, 1,029; Spain, 860; Russia, 812; Hamburg, 443; Egypt, 124; Tunis, 92; Cyprus, 57; Japan, 44; Montenegro, 13. |
| Sheet ..... do.... | 1,235 | Austrian ports, 738; Greece, 313; Turkey, 136; Cyprus, 33; Italy, 15. |
| Tin plates ..... do.... | 1,549 | Austrian ports, 1,156; Turkey, 198; Italy, 165; Montenegro, 30. |
| Wire ..... do.... | 1,244 | Austrian ports, 733; Turkey, 284; Italy, 84; Egypt, 96; Greece, 41; Bulgaria, 19; Malta, 9; Great Britain, 8. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Iron and steel—Continued. | | |
| Needles ..... quintals.. | 348 | Turkey, 186; Egypt, 92; Italy, 31; Greece, 24; Tripoli, 6; Bulgaria, 5; Austrian ports, 4. |
| Anchors ..... do.... | 140 | Turkey, 65; Great Britain, 54; Austrian ports, 21. |
| Chains ..... do.... | 270 | Austrian ports, 257; Italy, 7; Greece, 6. |
| Nails ..... do.... | 9,461 | Austrian ports, 4,550; Turkey, 3,160; Greece, 1,069; Italy, 338; Roumania, 192; Malta, 59; Montenegro, 46; Brazil, 24; Egypt, 18; Cyprus, 5. |
| Sickles ..... do.... | 1,713 | Turkey, 1,098; Russia, 459; Italy, 77; Austrian ports, 40; Greece, 18; Bulgaria, 21. |
| Ropes ..... do.... | 45 | Austrian ports, 45. |
| Iron: | | |
| Files ..... do.... | 172 | Turkey, 66; Austrian ports, 67; Greece, 26; Russia, 9; Spain, 4. |
| Rails ..... do.... | 479 | Austrian ports, 418; Turkey, 61. |
| Pig, manufactured ..... do.... | 5,268 | Austrian ports, 2,725; Turkey, 967; Italy, 419; Greece, 417; Russia, 433; Malta, 99; Egypt, 89; Spain, 83; India, 36. |
| Divers ..... do.... | 28,715 | Austrian ports, 9,058; Turkey, 8,458; Greece, 3,147; Italy, 2,635; Egypt, 2,587; Russia, 1,198; Cyprus, 281; Tunis, 156; Tripoli, 154; Great Britain, 117; Bulgaria, 721; France, 105; Morocco, 43; Montenegro, 16; Aden, 15; United States, 6; India, 17. |
| Jet goods ..... do.... | 10,760 | India, 6,210; Zanzibar, 1,332; Turkey, 869; Italy, 460; Tripoli, 415; Egypt, 360; Mozambique, 230; Philippine, 196; Tunis, 158; Japan, 156; Aden, 125; Russia, 52; China, 28; Great Britain, 28; Austrian ports, 24; Algiers, 24; Roumania, 24; Bulgaria, 21; France, 20; Hamburg, 10; Australia, 7; Brazil, 6; Madagascar, 4; United States, 1. |
| Juice, lemon ..... do.... | 8 | Italy, 8. |
| Juniper berries ..... do.... | 33 | Hamburg, 12; Austrian ports, 11; Great Britain, 5; Italy, 5. |
| Jute: | | |
| Raw ..... do.... | 16,012 | Italy, 10,894; Austrian ports, 4,956; Turkey, 62; Bulgaria, 80. |
| Manufactured ..... do.... | 34 | Turkey, 13; Austrian ports, 9; Greece, 9; Egypt, 3. |
| Lard ..... do.... | 2,159 | Austrian ports, 2,122; Turkey, 15; Egypt, 10; France, 6; Greece, 6. |
| Laurel: | | |
| Berry ..... do.... | 203 | Turkey, 104; Hamburg, 48; Great Britain, 39; Russia, 12. |
| Leaves ..... do.... | 2,706 | Great Britain, 1,075; United States, 865; Hamburg, 394; Austrian ports, 350; Roumania, 17; Italy 7. |
| Lead, white ..... do.... | 1,812 | United States, 634; Great Britain, 374; Austrian ports, 342; Turkey, 194; Italy, 58; Spain, 56; Bulgaria, 38; Egypt, 20; Greece, 96. |
| Lead, red ..... do.... | 110 | Austrian ports, 62; Roumania, 23; Turkey, 15; Greece, 11. |
| Lead ..... do.... | 3,071 | Turkey, 1,266; Austrian ports, 1,158; Greece, 351; Roumania, 221; Hamburg, 46; Italy, 29. |
| Hides and skins: | | |
| Lamb, sheep, and goat... do.... | 4,641 | United States, 3,895; France, 567; Italy, 136; Turkey, 33; Belgium, 6; Austrian ports, 4. |
| Ox ..... do.... | 16,550 | Italy, 8,355; Austrian ports, 4,631; Greece, 1,379; Turkey, 1,014; Great Britain, 972; Roumania, 103; Hamburg, 90; France, 6. |
| Divers ..... do.... | 10,100 | Austrian ports, 5,775; Italy, 1,950; Great Britain, 584; Turkey, 551; France, 473; United States, 466; Greece, 172; Egypt, 87; Montenegro, 42. |
| Peltries ..... do.... | 82 | Turkey, 64; Austrian ports, 9; Bulgaria, 5; Italy, 4. |
| Manufactured, tanned, sheep and goat, quintals. | 30 | Greece, 12; Italy, 12; Tunis, 5; Egypt, 1. |
| Tanned, ox, etc..... quintals.. | 3,994 | Austrian ports, 2,228; Turkey, 1,169; Egypt, 190; Bulgaria, 165; Greece, 138; Italy, 30; Romania, 21; Russia, 19; India, 13; Montenegro, 12; Malta, 6; Hamburg, 2; Great Britain, 1. |
| Tanned, calf ..... do.... | 23 | Turkey, 22; Malta, 1. |
| Tanned, fine ..... do.... | 497 | Turkey, 315; Egypt, 75; Greece, 70; Russia, 24; Malta, 7; Austrian ports, 3; Italy, 2; United States, 1. |
| Tanned, divers ..... do.... | 1,049 | Austrian ports, 677; Turkey, 216; Italy, 56; Greece, 51; Egypt, 24; Malta, 9; Bulgaria, 9; Montenegro, 5; Tunis, 5. |
| Tanned scrap ..... do.... | 6 | Turkey, 4; Italy, 2. |
| Leaven ..... do.... | 287 | Austrian ports, 161; Italy, 52; Egypt, 43; Turkey, 16; Greece, 15. |
| Leaves, senna ..... do.... | 495 | United States, 275; Great Britain, 170; France, 24; Italy, 26. |
| Leeches ..... do.... | 2 | Austrian ports, 2. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Lime.....quintals.. | 250 | India, 200; Austrian ports, 50. |
| Lime, divers.....do.... | 4,501 | Austrian ports, 3,845; Spain, 630; Turkey, 26. |
| Lime, bird.....do.... | 6 | Italy, 4; Austrian ports, 2. |
| Liquors.....hectoliters.. | 8,843 | Turkey, 6,316; Great Britain, 563; Bulgaria, 416; Austrian ports, 365; Tunis, 232; Malta, 186; Italy, 179; Egypt, 114; France, 108; Cyprus, 90; Tripoli, 41; United States, 39; Hamburg, 38; Greece, 36; Brazil, 29; India, 26; Russia, 25; China, 14; Argentine, 9; Roumania, 9; Massowah, 8; Japan, 2; Siam, 2; Zanzibar, 1. |
| Licorice, paste.....quintals.. | 92 | Great Britain, 60; Hamburg, 18; Russia, 9; Turkey, 4; Austrian ports, 3; France, 2; Greece, 1. |
| Litharge.....do.... | 2,151 | Italy, 1,024; Turkey, 672; Greece, 355; Bulgaria, 64; Austrian ports, 36. |
| Lye.....do.... | 49 | Austrian ports, 49. |
| Maccaroni.....do.... | 14,142 | Austrian ports, 11,894; Great Britain, 723; Turkey, 591; United States, 509; Cyprus, 187; Italy, 80; Roumania, 49; Montenegro, 35; Brazil, 30; Egypt, 27; Greece, 17. |
| Machinery: | | |
| Locomotive.....do.... | 9 | Turkey, 9. |
| Sewing.....do.... | 2,227 | Turkey, 968; Egypt, 328; Greece, 291; Austrian ports, 224; Italy, 200; Russia, 79; Tunis, 64; Bulgaria, 35; Cyprus, 28; France, 5; Malta, 3; Montenegro, 2. |
| Parts of.....do.... | 5,968 | Turkey, 2,136; Austrian ports, 933; Italy, 637; Greece, 749; Egypt, 649; Russia, 332; Bulgaria, 199; India, 229; Roumania, 90; Great Britain, 14. |
| Magnesia.....do.... | 46 | Turkey, 31; Italy, 8; France, 5; Austrian ports, 1; Egypt, 1. |
| Malt.....do.... | 415 | Greece, 400; Malta, 15. |
| Manna.....do.... | 27 | Austrian ports, 9; Italy, 5; Turkey, 4; Greece, 4; Russia, 3; United States, 1; Roumania, 1. |
| Manganese.....do.... | 225 | Austrian ports, 212; Egypt, 11; Italy, 2. |
| Manure.....do.... | 6,443 | Italy, 5,800; Austrian ports, 639; Turkey, 3; Russia, 1. |
| Mastic.....do.... | 208 | Austrian ports, 187; Turkey, 10; Cyprus, 6; Greece, 2; Montenegro, 2; Italy, 1. |
| Materials: | | |
| Vegetable, for brushes, etc., quintals. | 513 | Austrian ports, 353; Italy, 92; Turkey, 34; Greece, 31; Bulgaria, 2; Russia, 1. |
| Coloring.....quintals.. | 990 | Turkey, 729; Greece, 126; Egypt, 65; Turkey, 33; Bulgaria, 21; Austrian ports, 7; Russia, 7; Italy, 2. |
| Chemical.....do.... | 154 | Turkey, 103; Egypt, 11; Bulgaria, 10; Austrian ports, 8; Italy, 7; Greece, 8; Great Britain, 6; United States, 1. |
| Explosive.....do.... | 967 | Turkey, 343; Greece, 245; Austrian ports, 119; Bulgaria, 73; Egypt, 66; Belgium, 45; Italy, 36; Aden, 33; Malta, 7. |
| Chemical, divers.....do.... | 1,827 | Turkey, 706; Greece, 331; Italy, 321; Austrian ports, 181; Great Britain, 144; Bulgaria, 69; Egypt, 41; Aden, 27; Cyprus, 7. |
| Matches.....do.... | 46,601 | Turkey, 28,306; China, 8,309; Egypt, 4,958; Austrian ports, 2,361; Bulgaria, 1,349; Roumania, 384; Greece, 312; Cyprus, 402; France, 88; India, 51; Russia, 30; Montenegro, 28; United States, 12; Tripoli, 8; Argentine, 3. |
| Mats.....do.... | 102 | Austrian ports, 44; Greece, 37; Roumania, 14; Turkey, 7. |
| Medicine, prepared.....do.... | 528 | Austrian ports, 275; Turkey, 89; Greece, 64; Bulgaria, 33; Italy, 25; India, 18; Russia, 11; Egypt, 9; Montenegro, 4. |
| Melting pots.....do.... | 898 | Italy, 143; Turkey, 134; Greece, 35; Tunis, 25; Russia, 18; Egypt, 16; Malta, 14; Austrian ports, 8. |
| Mercury.....do.... | 2,582 | India, 2,335; China, 124; Great Britain, 41; Turkey, 29; Russia, 27; Italy, 15; Egypt, 6; Bulgaria, 5. |
| Metals: | | |
| Divers.....do.... | 655 | Great Britain, 188; Turkey, 168; Austrian ports, 106; Egypt, 63; Italy, 51; Greece, 42; Bulgaria, 37. |
| Manufactured, divers....do.... | 15,250 | India, 7,281; Turkey, 3,584; Egypt, 1,599; Greece, 994; Austrian ports, 454; Italy, 255; Russia, 215; Bulgaria, 194; Tunis, 190; Cyprus, 133; Aden, 82; Brazil, 77; China, 71; Persia, 40; Zanzibar, 29; Tripoli, 30; Philippine, 11; Japan, 7; United States, 4. |
| Mineral water.....hectoliters.... | 21,026 | France, 6,026; Italy, 5,931; Egypt, 2,968; Turkey, 2,950; Austrian ports, 1,435; Greece, 546; Russia, 376; Belgium, 200; Algiers, 183; Great Britain, 98; Bulgaria, 66; China, 74; Japan, 50; Brazil, 49; Aden, 35; Mozambique, 20; United States, 18. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Minerals, divers .....quintals.. | 16,088 | Belgium, 9,750; Hamburg, 6,196; Austrian ports, 86; Turkey, 27; Greece, 16; Italy, 10; Egypt, 3. |
| Mirrors .....do.... | 684 | Turkey, 281; Austrian ports, 128; Bulgaria, 65; Greece, 56; Malta, 51; Cyprus, 14; Egypt, 19; Italy, 13; United States, 7. |
| Mother-of-pearl shell.....do.... | 1,508 | Great Britain, 467; Turkey, 528; United States, 445; Hamburg, 54; Italy 9. |
| Mustard .....do.... | 542 | Great Britain, 353; United States, 139; Austrian ports, 18; Roumania, 15; Italy, 12; Turkey, 5. |
| Myrrh .....do.... | 9 | Italy, 9. |
| Nickel .....do.... | 162 | Italy, 105; Turkey, 40; Egypt, 10; Greece, 7. |
| Oils: | | |
| Dregs .....do.... | 74 | Austrian ports, 74. |
| Oleine.....do.... | 94 | Italy, 93; Turkey, 1. |
| Anise .....do.... | 14 | Turkey, 10; Massowah, 2; Egypt, 1; Italy, 1. |
| Cotton seed.....do.... | 2,117 | Austrian ports, 1,163; Roumania, 817; Italy, 88; Cyprus, 38; Turkey, 6. |
| Laurel .....do.... | 40 | Italy, 11; Turkey, 10; Great Britain, 7; Russia, 5; Hamburg, 4; France, 2; United States, 1. |
| Linseed .....do.... | 810 | Austrian ports, 614; Turkey, 80; Greece, 72; Italy, 36; Roumania, 4; Montenegro, 4. |
| Almond .....do.... | 84 | Russia, 13; United States, 7; Egypt, 5; Austrian ports, 4; Italy, 3; Greece, 2. |
| Olive.....do.... | 19,118 | Austrian ports, 11,469; Roumania, 2,865; Turkey, 1,305; Great Britain, 1,287; Italy, 1,274; Hamburg, 197; Russia, 321; Bulgaria, 149; United States, 83; Egypt, 62; Belgium, 64; Greece, 29; Brazil, 13. |
| Palm .....do.... | 1,177 | Austrian ports, 718; Italy, 419; Roumania, 32; Turkey, 8. |
| Fish.....do.... | 1,343 | Italy, 659; Turkey, 459; Greece, 150; Austrian ports, 43; Egypt, 20; Roumania, 12. |
| Rape seed .....do.... | 7 | Austrian ports, 7. |
| Castor.....do.... | 793 | Austrian ports, 244; Great Britain, 232; Greece, 118; Russia, 144; Turkey, 51; Egypt, 4. |
| Rosemary .....do.... | 4 | Great Britain, 2; Austrian ports, 1; Hamburg, 1. |
| Sesame.....do.... | 562 | Turkey, 331; Bulgaria, 109; Roumania, 62; Austrian ports, 60. |
| Turpentine.....do.... | 145 | Turkey, 49; Italy, 41; Austrian ports, 39; Egypt, 6; Bulgaria, 5; Cyprus, 5. |
| Ethereal .....do.... | 116 | Turkey, 27; United States, 22; Russia, 22; Austrian ports, 12; Greece, 9; Great Britain, 8; Italy, 7; Egypt, 5; Tripoli, 4. |
| Divers .....do.... | 743 | Roumania, 390; Austrian ports, 187; Turkey, 82; France, 43; Greece, 12; Brazil, 13; Russia, 9; Great Britain, 7. |
| Lubricating .....do.... | 511 | Italy, 273; Austrian ports, 159; United States, 55; Turkey, 11; Greece, 7; France, 3; Egypt, 3. |
| Mineral, petroleum.....do.... | 24,126 | Austrian ports, 18,172; Italy, 4,029; Turkey, 1,573; Montenegro, 239; Greece, 31; Bulgaria, 72; Egypt, 6; Cyprus, 4. |
| Opium.....do.... | 15 | Italy, 8; Greece, 5; Turkey, 2. |
| Orpiment.....do.... | 11 | Great Britain, 11. |
| Paper .....do.... | 176,093 | Turkey, 62,192; India, 39,927; Egypt, 30,094; Greece, 17,055; Austrian ports, 4,814; Bulgaria, 3,503; Aden, 1,662; Hamburg, 1,583; Philippine, 1,541; Brazil, 1,454; Tunis, 573; Great Britain, 7,862; Italy, 788; Cyprus, 811; China, 655; Roumania, 532; Malta, 340; France, 336; Russia, 198; Spain, 124; Montenegro, 42; Australia, 7. |
| Paper pulp .....do.... | 3,464 | Great Britain, 1,835; Spain, 805; France, 455; Italy, 155; Turkey, 108; Greece, 106. |
| Paper, pasteboard.....do.... | 32,591 | Turkey, 12,108; Italy, 8,239; Greece, 3,718; Egypt, 3,410; Russia, 1,606; Spain, 1,419; Great Britain, 705; Bulgaria, 598; Cyprus, 268; Austrian ports, 222; France, 210; Tripoli, 61; Brazil, 27. |
| Paper, divers.....do.... | 2,735 | Turkey, 1,194; Egypt, 595; Austrian ports, 502; Greece, 172; Italy, 86; Bulgaria, 82; Tunis, 45; Russia, 24; France, 16; Brazil, 12; Argentine, 7. |
| Paraffin.....do.... | 24,101 | India, 13,683; Italy, 2,772; Turkey, 2,316; Spain, 1,656; Greece, 1,327; Russia, 896; Austrian ports, 269; Cyprus, 245; Bulgaria, 245; Egypt, 230; France, 201; Malta, 106; United States, 103; Tripoli, 41; Tunis, 11. |
| Phosphorus.....do.... | 2 | Turkey, 2. |
| Pitch.....do.... | 3,792 | Austrian ports, 2,889; Italy, 379; Turkey, 256; Greece, 268. |
| Plants: | | |
| Living .....do..... | 689 | Austrian ports, 529; Turkey, 22; Egypt, 44; France, 16; Russia, 12; Montenegro, 6. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Plants—Continued. | | |
| Divers ..... quintals.. | 6,345 | United States, 2,135; France, 854; Great Britain, 843; Turkey, 1,186; Italy, 223; Austrian ports, 272; Hamburg, 274; Egypt, 219; Russia, 200; Bulgaria, 96; India, 6; Greece, 43. |
| Insect flowers and powders, quintals. | 5,256 | France, 1,449; United States, 1,441; Great Britain, 1,182; Italy, 360; Austrian ports, 231; Russia, 230; Hamburg, 136; Egypt, 97; Turkey, 66; Greece, 43; Australia, 31. |
| Plumes, divers ..... quintals.. | 63 | United States, 27; Turkey, 28; Italy, 5; Great Britain, 3. |
| Pollards ..... do.... | 24,644 | Austrian ports, 24,188; Italy, 437; Greece, 19. |
| Porcelain ..... do.... | 7,777 | Turkey, 4,061; Austrian ports, 1,507; Egypt, 1,342; Bulgaria, 258; Greece, 136; Italy, 115; India, 120; Tunis, 95; Russia, 84; Aden, 20; United States, 8; Siam, 6; Brazil, 5. |
| Potash ..... do.... | 3,925 | Turkey, 2,837; Italy, 470; Austrian ports, 289; Greece, 200; Great Britain, 114; Egypt, 15. |
| Potatoes ..... do.... | 29,712 | Turkey, 12,743; Austrian ports, 8,689; Egypt, 6,806; Italy, 713; Aden, 357; Malta, 188; India, 150; Tunis, 71. |
| Printing and engraving ..... do.... | 127 | Turkey, 40; Egypt, 21; Malta, 20; Italy, 19; Greece, 14; Austrian ports, 8; Russia, 5. |
| Pulse: | | |
| Beans ..... do.... | 129,646 | Italy, 75,665; Greece, 14,807; France, 10,138; Austrian ports, 7,533; United States, 5,706; Turkey, 3,963; Hamburg, 2,958; Great Britain, 2,399; Egypt, 2,288; Tunis, 1,134; Brazil, 900; Spain, 802; Cyprus, 642; Malta, 577; Tripoli, 135. |
| Lentils ..... do.... | 569 | Italy, 297; Austrian ports, 246; Egypt, 21; Turkey, 5. |
| Pease ..... do.... | 3,877 | Italy, 1,778; Austrian ports, 1,396; Spain, 204; Egypt, 155; Greece, 127; Malta, 121; Turkey, 96. |
| Divers ..... do.... | 5,541 | Austrian ports, 5,012; Egypt, 208; Italy, 160; Turkey, 134; Great Britain, 27. |
| Rags ..... do.... | 222 | Great Britain, 72; Austrian ports, 68; Tripoli, 64; Italy, 13; Greece, 5. |
| Resin ..... do.... | 6,239 | Italy, 3,452; Austrian ports, 1,227; Roumania, 731; Turkey, 248; Egypt, 408; Russia, 126; Greece, 47. |
| Rice ..... do.... | 75,956 | Austrian ports, 42,439; Greece, 18,173; Turkey, 9,750; Italy, 4,155; Montenegro, 847; Roumania, 188; Egypt, 186; Cyprus, 160; Great Britain, 21; Tunis, 37. |
| Roots: | | |
| Indian saffron ..... do.... | 31 | Turkey, 16; Austrian ports, 7; Russia, 7; Greece, 1. |
| Divers, for tanning and dyeing, quintals. | 519 | Great Britain, 223; United States, 84; Italy, 70; Hamburg, 73; France, 28; Austrian ports, 14; Turkey, 7; Roumania, 6; Russia, 3; Morocco, 3; Greece, 5; Egypt, 2; Cyprus, 1. |
| Rum ..... hectoliters.. | 13,314 | Turkey, 6,236; Austrian ports, 1,541; Bulgaria, 3,528; Roumania, 538; Greece, 442; Tunis, 398; Cyprus, 226; Malta, 178; Egypt, 120; Italy, 31; Great Britain, 21; Montenegro, 55. |
| Saffron ..... quintals.. | 12 | Italy, 12. |
| Sago ..... do.... | 10,944 | Italy, 10,907; Turkey, 32; Austrian ports, 4; Greece, 1. |
| Salts: | | |
| Acetoselle ..... do.... | 9 | Turkey, 6; Austrian ports, 2; Egypt, 1. |
| Ammoniacal ..... do.... | 197 | Austrian ports, 65; Turkey, 53; Italy, 24; Greece, 20; Russia, 12; Egypt, 13; Great Britain, 10. |
| Cooking, table ..... do.... | 776 | Austrian ports, 759; Greece, 8; Turkey, 6; Italy, 3. |
| Glauber's ..... do.... | 137 | Italy, 84; Austrian ports, 23; Egypt, 15; Greece, 11; Russia, 4. |
| Saturn ..... do.... | 28 | Turkey, 15; Italy, 11; Greece, 2. |
| Nitric ..... do.... | 132 | Italy, 109; Greece, 16; Austrian ports, 7. |
| Sand ..... do.... | 871 | Austrian ports, 867; Italy, 4. |
| Sassmeny ..... do.... | 4 | Italy, 4. |
| Seeds: | | |
| Anise ..... do.... | 72 | Austrian ports, 21; Greece, 20; Turkey, 14; Russia, 11; Greece, 6. |
| Coriander ..... do.... | 294 | Great Britain, 169; United States, 100; Greece, 25. |
| Linseed ..... do.... | 10,216 | Italy, 10,187; Austrian ports, 27; Turkey, 2. |
| Rape ..... do.... | 102 | Italy, 102. |
| Sesame ..... do.... | 510 | Spain, 510. |
| Divers ..... do.... | 50,956 | Italy, 42,887; Egypt, 2,994; Tunis, 2,292; Turkey, 797; France, 591; Greece, 401; Austrian ports, 316; Great Britain, 234; Malta, 202; Spain, 101; United States, 80; Belgium, 28; Russia, 17; Hamburg, 10; India, 6. |
| Silk: | | |
| Waste ..... do.... | 119 | France, 52; Tripoli, 43; Austrian ports, 11; Turkey, 13. |
| Cocoon ..... do.... | 3,779 | Italy, 3,776; Egypt, 2; Austrian ports, 6. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Silk—Continued. | | |
| Spun ..... quintals.. | 133 | Turkey, 100; Austrian ports, 20; Italy, 4; France, 4; Great Britain, 4; Russia, 1. |
| Manufactured ..... do.... | 370 | Turkey, 181; Egypt, 138; Austrian ports, 18; Greece, 20; Russia, 7; Bulgaria, 6. |
| Silver ..... do.... | 54 | India, 43; Turkey, 6; Massowah, 3; Aden, 2. |
| Slates ..... do.... | 284 | Turkey, 130; Greece, 57; Bulgaria, 45; Austrian ports, 43; Italy, 9. |
| Smalt ..... do.... | 27 | Italy, 27. |
| Soap ..... do.... | 13,696 | Austrian ports, 9,458; India, 2,284; Turkey, 945; Egypt, 248; China, 205; Bulgaria, 143; Italy, 333; Malta, 43; Tunis, 13; Greece, 11; United States, 6; France, 4. |
| Soda ..... do.... | 4,820 | Austrian ports, 3,598; Italy, 586; Greece, 396; Turkey, 215; Egypt, 25. |
| Sponges ..... do.... | 85 | Italy, 27; Greece, 21; Russia, 17; United States, 14; Austrian ports, 3; Turkey, 3. |
| Starch ..... do.... | 1,491 | Italy, 925; Austrian ports, 320; Turkey, 120; Egypt, 61; Greece, 45; Bulgaria, 20. |
| Stearin ..... do.... | 232 | Austrian ports, 155; Italy, 61; Turkey, 8; Egypt, 8. |
| Stones: | | |
| Alabaster ..... do.... | 1 | Austrian ports, 1. |
| Marble ..... do.... | 951 | Austrian ports, 813; Egypt, 65; Turkey, 47; Roumania, 17; India, 10; Italy, 2. |
| Pumice ..... do.... | 691 | Italy, 471; Great Britain, 98; Roumania, 41; Hamburg, 40; Austrian ports, 32; Turkey, 8; United States, 1. |
| In the rough ..... do.... | 27,669 | Egypt, 24,361; Italy, 2,209; United States, 450; Austrian ports, 436; Turkey, 161; Russia, 72. |
| Whetstones ..... do.... | 395 | Austrian ports, 271; Turkey, 58; Italy, 30; Greece, 26; India, 10. |
| Grindstones ..... do.... | 214 | Turkey, 163; Austrian ports, 45; Greece, 6. |
| Manufactured ..... do.... | 6,199 | Egypt, 5,407; Italy, 431; Austrian ports, 323; Turkey, 38. |
| Manufactured divers .... do.... | 1,265 | Austrian ports, 293; Egypt, 242; Japan, 209; Turkey, 195; India, 137; Russia, 102; Greece, 58; Italy, 25; United States, 4. |
| Precious ..... kilograms.. | 283 | India, 141; Turkey, 48; Egypt, 94. |
| Straw ..... quintals.. | 1,914 | Italy, 1,085; Turkey, 394; Austrian ports, 388, Greece, 47. |
| Sumac ..... do.... | 15,338 | Austrian ports, 6,662; Great Britain, 3,416; Hamburg, 3,011; France, 1,863; Belgium, 175; United States, 100; Italy, 99; Argentine, 12. |
| Sugar: | | |
| Raw ..... do.... | 12,820 | Italy, 12,820. |
| Refined ..... do.... | 699,779 | Turkey, 469,964; Greece, 76,389; Austrian ports, 38,785; Bulgaria, 24,237; Egypt, 20,240; Tunis, 19,385; Malta, 13,717; Italy, 13,227; Gibraltar, 7,302; Cyprus, 6,613; Tripolis, 3,274; Roumania, 2,652; Massowah, 1,335; Aden, 905; Montenegro, 834; India, 592; Russia, 228; Morocco, 100. |
| Molasses ..... do.... | 243 | Greece, 173; Austrian ports, 57; Bulgaria, 13. |
| Sughera ..... do.... | 188 | Austrian ports, 139; Bulgaria, 17; Turkey, 14; Greece, 10; Egypt, 4; Italy, 4. |
| Tallow ..... do.... | 1,127 | Austrian ports, 631; Italy, 496. |
| Tamarind ..... do.... | 2,432 | Italy, 1,967; Turkey, 378; Austrian ports, 61; Great Britain, 15; United States, 11. |
| Tar ..... do.... | 1,802 | Italy, 893; Austrian ports, 520; Tripolis, 239; Greece, 118; Turkey, 32. |
| Tarpaulin ..... do.... | 95 | Turkey, 52; Austrian ports, 13; Egypt, 12; Bulgaria, 7; Italy, 6; Russia, 3; Malta, 2. |
| Tea ..... do.... | 100 | Turkey, 31; Austrian ports, 24; Greece, 21; Great Britain, 11; Roumania, 8; Italy, 3; Egypt, 2. |
| Textiles, divers ..... do.... | 25,970 | Austrian ports, 15,569; Italy, 5,845; Turkey, 2,994; Egypt, 430; Greece, 484; Italy, 332; Persia, 167; Bulgaria, 62; Tripolis, 19; Tunis, 13; China, 20; Philippine, 12, Spain, 13; Brazil, 8; United States, 2. |
| Tin ..... do.... | 872 | Italy, 480; Austrian ports, 254; Turkey, 112; Greece, 26. |
| Tin, manufactured ..... do.... | 56 | Turkey, 44; Austrian ports, 7; Russia, 3; Greece, 2. |
| Tobacco: | | |
| Leaves ..... do.... | 5,500 | Italy, 3,257; Austrian ports, 1,607; Turkey, 283; Egypt, 267; Roumania, 86. |
| Manufactured ..... do.... | 3,122 | Austrian ports, 2,933; Egypt, 60; Turkey, 47; India, 53; Italy, 21; Greece, 8. |
| Tortoises ..... number.. | 11 | Austrian ports, 11. |
| Tortoise shell ..... quintals.. | 1 | Austrian ports, 1. |
| Tressed goods ..... do.... | 520 | Austrian ports, 290; Greece, 98; Turkey, 67; Italy, 47; Bulgaria, 9; France, 9. |
| Tripoli ..... do.... | 823 | United States, 320; Great Britain, 260; Russia, 86; France, 64; Austrian ports, 58; Italy, 35. |

*Statement shewing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Turpentine.....quintals.. | 281 | United States, 105; France, 63; Italy, 56; Russia, 25; Turkey, 20; Austrian ports, 12. |
| Tutty.....do.... | 10 | Greece, 10. |
| Ultramarine.....do.... | 2,534 | Turkey, 1,094; Egypt, 760; Bulgaria, 178; Great Britain, 187; United States, 139; Greece, 112; Austrian ports, 64. |
| Varnishes.....do.... | 1,814 | Austrian ports, 1,063; Turkey, 353; Italy, 125; Greece, 106; India, 91; Egypt, 49; Russia, 27. |
| Vehicles.....number.. | 43 | Austrian ports, 20; Turkey, 14; Greece, 5; India, 2; Italy, 2. |
| Vermilion.....quintals.. | 91 | Turkey, 47; France, 28; Russia, 6; United States, 4; Italy, 4; Austrian ports, 2. |
| Vinegar.....do.... | 3,080 | Austrian ports, 2,972; Turkey, 76; Egypt, 27; Bulgaria, 3; Greece, 2. |
| Vitriol.....do.... | 2,431 | Austrian ports, 1,197; Turkey, 824; Greece, 395; Roumania, 6; Italy, 6; Montenegro, 3. |
| Wagons.....number.. | 125 | Austrian ports, 98; Turkey, 15; Egypt, 7; Greece, 5. |
| Watches and clocks.....quintals.. | 1,321 | Turkey, 646; Italy, 273; Egypt, 201; Austrian ports, 50; Greece, 49; Bulgaria, 43; Russia, 26; Malta, 23; India, 10. |
| Wax, divers'.....do.... | 532 | Italy, 200; Turkey, 139; Greece, 82; Austrian ports, 58; India, 41; Malta, 12. |
| Wine.....hectoliters.. | 50,412 | France, 27,397; Austrian ports, 10,789; Italy, 2,874; Hamburg, 2,373; Egypt, 2,291; India, 1,412; Brazil, 1,340; Turkey, 1,049; United States, 273; Great Britain, 250; China, 219; Russia, 73; Tunis, 72. |
| Wicks.....quintals.. | 1,381 | Turkey, 481; Egypt, 280; Austrian ports, 253; Greece, 145; Bulgaria, 178; Italy, 44. |
| Wood: | | |
| Fire.....cubic meters.. | 133 | Italy, 114; Malta, 13; Austrian ports, 6. |
| Timbers.....do.... | 1,660 | Italy, 616; Egypt, 508; Greece, 312; Austrian ports, 107; Spain, 85; Turkey, 32. |
| Square.....do.... | 3,869 | Italy, 2,310; Turkey, 554; Egypt, 480; Austrian ports, 342; Greece, 128; Algiers, 105. |
| Hoops.....bundles.. | 9,558 | Italy, 5,156; Tunis, 2,040; Turkey, 765; Austrian ports, 657; Malta, 600; Greece, 340. |
| Staves.....number.. | 9,990,087 | Italy, 4,801,432; Greece, 2,174,510; France, 2,047,170; Algiers, 287,920; Portugal, 246,800; Great Britain, 233,740; Austrian ports, 85,005; Turkey, 57,960; Malta, 35,000; Tunis, 9,700; India, 6,000; Spain, 4,300; Uruguay, 500. |
| Stanchions.....do.... | 4,079,103 | Italy, 2,090,210; Egypt, 1,223,692; Greece, 278,755; Turkey, 252,890; Austrian ports, 133,746; Malta, 40,470; Tunis, 24,000; Cyprus, 17,510; Aden, 7,890; Tripoli, 4,560; Montenegro, 3,550; Massowah, 1,830. |
| Telegraph poles.....do.... | 22,986 | Austrian ports, 16,748; Italy, 4,681; Tunis, 1,233; Greece, 150; Egypt, 124. |
| Planks.....do.... | 275,052 | Italy, 165,633; Greece, 45,333; Egypt, 23,254; Austrian ports, 21,595; Turkey, 5,024; Malta, 4,476; France, 3,568; Tunis, 3,525; Cyprus, 1,353; Algiers, 880; Aden, 411. |
| Oars.....do.... | 8,772 | Italy, 4,411; Spain, 2,260; Greece, 1,482; Roumania, 230; Austrian ports, 140; Montenegro, 115; Egypt, 134. |
| Scantlings.....do.... | 1,601,848 | Italy, 626,907; Greece, 393,585; Turkey, 192,110; Malta, 123,700; Egypt, 70,360; Austrian ports, 49,696; Cyprus, 17,470; Tunis, 16,260; Montenegro, 1,890; Algiers, 12,610; France, 88,460; Aden, 3,300. |
| Beech boards.....do.... | 146,794 | Egypt, 54,828; Italy, 32,650; Greece, 31,435; Spain, 10,550; Tunis, 8,915; Turkey, 3,458; Malta, 3,280; Algiers, 2,540; Austrian ports, 238. |
| Wood: | | |
| Boards.....do.... | 5,068,849 | Italy, 3,546,874; Greece, 716,947; Turkey, 266,860; Austrian ports, 191,383; Egypt, 75,240; Algiers, 75,175; France, 72,240; Malta, 52,110; Tunis, 35,800; Cyprus, 23,300; Aden, 15,930; India, 13,560; Montenegro, 2,370; Persia, 1,070. |
| Beech (scantlings).....do.... | 2,921,236 | Italy, 2,658,710; Turkey, 186,870; Greece, 48,920; Austrian ports, 13,906; Malta, 7,450; France, 3,380; Cyprus, 2,000. |
| Railroad sleepers.....do.... | 27,608 | Austrian ports, 13,135; Egypt, 11,493; Greece, 2,980. |
| Beams.....do.... | 494,231 | Italy, 425,360; Austrian ports, 27,387; Egypt, 19,630; Turkey, 11,621; Greece, 8,343; Aden, 1,890. |
| European growth .cu. meters.. | 7,892 | Italy, 2,917; France, 1,212; Egypt, 1,145; Austrian ports, 924; Great Britain, 695, Greece, 241; Cyprus, 195; Spain, 157; Belgium, 262; Turkey, 144. |
| Foreign growth.....quintals.. | 152 | Great Britain, 100; Austrian ports, 27; Hamburg, 25. |
| Manufactured.....do.... | 17,817 | Turkey, 4,517; Egypt, 4,056; India, 2,438; Italy, 1,789; Greece, 1,276; Austrian ports, 1,498; Brazil, 1,291; Tunis, 410; Russia, 195; Malta, 192; Spain, 122; United States, 33. |

*Statement showing the imports and exports at Trieste, etc.*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Wood—Continued. | | |
| Empty casks.....number.. | 105,762 | Austrian ports, 89,097; Italy, 29,672; Turkey, 21,166; Greece, 13,803; Cyprus, 2,084. |
| Empty cases for oranges .do.... | 244,896 | Italy, 224,606; Malta, 11,590; Tunis, 3,940; Turkey, 2,440; Tripoli, 1,200; Greece, 1,180. |
| Parquets .....quintals.. | 5,216 | Great Britain, 3,670; Turkey, 622; Austrian ports, 422; Greece, 243; Egypt, 170; Italy, 89. |
| Furnitures, divers.....do.... | 23,163 | Turkey, 7,644; Egypt, 6,796; Austrian ports, 3,448; Italy, 1,635; France, 891; Brazil, 672; Bulgaria, 434; Greece, 518; Tunis, 402; Malta, 312; United States, 213; India, 172; Great Britain, 24. |
| Dye .....do.... | 8,804 | Italy, 2,863; Turkey, 2,460; Greece, 1,036; Austrian ports, 713; Hamburg, 652; Egypt, 550; Cyprus, 170; Roumania, 163; United States, 137; Belgium, 60. |
| Wool, divers.....do.... | 42,307 | Turkey, 25,532; Italy, 7,414; Egypt, 4,655; Austrian ports, 1,389; Greece, 1,193; Tunis, 583; Aden, 379; Bulgaria, 457; Roumania, 260; Great Britain, 106; Tripoli, 143; Cyprus, 86; Malta, 46; France, 35; United States, 29. |
| Various manufactures: | | |
| Fine art .....do.... | 54 | Turkey, 18; Austrian ports, 15; Italy, 5; Greece, 5; Russia, 7; United States, 2; Egypt, 2. |
| Shoemakers' gloves, etc .do.... | 2,954 | Turkey, 780; Egypt, 1,142; India, 351; Austrian ports, 320; Russia, 221; Greece, 79; Tunis, 39; Italy, 22. |
| Rope .....do.... | 8,383 | Turkey, 2,079; Egypt, 1,538; Greece, 2,177; Austrian ports, 858; Roumania, 557; Cyprus, 158; Bulgaria, 140; Russia, 150; Morocco, 80; Italy, 46. |
| Baskets .....do.... | 1,465 | Turkey, 661; Egypt, 403; Austrian ports, 181; Greece, 100; Malta, 92; Italy, 17; United States, 11. |
| Turners.....do.... | 256 | Turkey, 220; Greece, 33; Austrian ports, 3. |
| Brushes .....do.... | 898 | Turkey, 376; Greece, 118; United States, 163; Egypt, 95; Austrian ports, 81; Italy, 38; Russia, 27. |
| Engraved .....do.... | 234 | Turkey, 90; Greece, 60; Egypt, 40; Italy, 26; Austrian ports, 15; United States, 3. |
| Yarns: | | |
| Cotton .....do.... | 14,921 | Turkey, 10,705; Austrian ports, 2,262; Greece, 515; Roumania, 496; Bulgaria, 252; Tripolis, 281; Tunis, 203; Egypt, 178; Italy, 29. |
| Wool.....do.... | 734 | Turkey, 476; Egypt, 143; Austrian ports, 34; Greece, 52; Bulgaria, 29. |
| Flax .....do.... | 994 | Italy, 823; Turkey, 42; Egypt, 42; Greece, 32; Austrian ports, 31; Russia, 24. |
| Divers .....do.... | 10,979 | Austrian ports, 4,860; India, 4,156; Turkey, 995; Aden, 505; Greece, 158; Philippine, 107; Italy, 98; Egypt, 66; Bulgaria, 34. |
| Zinc.....do.... | 1,829 | Austrian ports, 826; Italy, 467; Turkey, 164; Great Britain, 139; Hamburg, 100; Greece, 70; Russia, 43; Cyprus, 20. |

*Statement showing the imports and exports at Fiume, for the year ending December 31, 1892.*

IMPORTS.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Alumin earth .....quintals.. | 9,851 | Austria-Hungary, 232; United States, 400; Great Britain, 9,219. |
| Asphaltum.....do.... | 6,185 | Italy, 5,985; Turkey, 200. |
| Bricks and tiles .....number.. | 12,469,000 | Italy, 12,002,000; Austrian ports, 417,000; Great Britain, 50,000. |
| Brimstone.....quintals.. | 4,203 | Italy, 3,988; Austrian ports, 215. |
| Cement .....do.... | 32,480 | Greece, 29,880; Italy, 2,600. |
| Coals, fossil .....do.... | 562,394 | Great Britain, 261,140; Austrian ports, 289,154; Italy, 12,100. |
| Coffee .....do.... | 19,875 | Austrian ports, 11,417; Brazil, 5,071; India, 2,970; United States, 417. |
| Fish, smoked.....do.... | 3,958 | Norway, 3,958. |
| Fruits: | | |
| Lemons and oranges ....do.... | 10,274 | Italy, 10,274. |
| Fresh .....do.... | 8,908 | Austrian ports, 2,659; Italy, 6,249. |
| Grain: | | |
| Barley .....do.... | 193,423 | Austrian ports, 193,423. |
| Oats.....do.... | 2,233 | Austrian ports, 2,183; Turkey, 50. |

*Statement showing the imports and exports at Fiume, etc.*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Countries whence imported. |
|---|---|---|
| Grain—Continued: | | |
| Maize ..... quintals.. | 232,177 | Austrian ports, 229,733; Italy, 2,444. |
| Wheat ..... do.... | 45,969 | Austrian ports, 39,169; Russia, 6,800. |
| Hair, vegetable ..... do.... | 2,608 | Algiers, 2,356; Austrian ports, 252. |
| Iron ..... do.... | 36,326 | Spain, 9,000; Great Britain, 27,326. |
| Leather, raw, and skins ..... do.... | ..... | ..... |
| Oxen, veals, lamb ..... do.... | 7,407 | Italy, 4,270; Austrian ports, 2,984; Great Britain, 123; Brazil, 30. |
| Manganese ..... do.... | 83,380 | Austrian ports, 7,880; France, 500. |
| Nutgall ..... do.... | 8,664 | Austrian ports, 576; Turkey, 8,088. |
| Oils: | | |
| Palm ..... do.... | 872 | Not given. |
| Fish ..... do.... | 70 | Do. |
| Olive ..... do.... | 7,672 | Do. |
| Sesame ..... do.... | 38 | Do. |
| Cotton-seed ..... do.... | 2,267 | Do. |
| Linseed ..... do.... | 1,036 | Do. |
| Oils, mineral: | | |
| Raw petroleum ..... do.... | 635,910 | Russia, 597,839; United States, 56,021. |
| Refined petroleum ..... do.... | 13,764 | Austrian ports, 9,840; Russia, 3,575; Italy, 349. |
| Plants, part of ..... do.... | 4,965 | Italy, 4,196; Austrian ports, 769. |
| Resin ..... do.... | 18,007 | United States, 15,170; France, 2,550; Austrian ports, 287. |
| Rice: | | |
| Raw ..... do.... | 360,166 | Asia, 360,166. |
| Manufactured ..... do.... | 7,985 | Austrian ports, 3,999; Italy, 3,986. |
| Soda: | | |
| Raw ..... do.... | 2,344 | Great Britain, 2,021; Italy, 164; Austrian ports, 159. |
| Caustic ..... do.... | 5,190 | Great Britain, 4,642; Austrian ports, 548. |
| Sugar ..... do.... | 196,938 | Austrian ports, 196,938. |
| Sumac ..... do.... | 1,762 | Not given. |
| Tartar, raw ..... do.... | 2,410 | Italy, 2,366; Austrian ports, 44 |
| Tobacco ..... do.... | 28,888 | Turkey, 16,190; United States, 7,402; Austrian ports, 5,296. |
| Wine ..... hectoliters.. | 638,280 | Austrian ports, 342,299; Italy, 291,702; Turkey, 4,279. |
| Yarns: | | |
| Jute, raw ..... quintals.. | 67,125 | Not given. |
| Cotton ..... do.... | 14,061 | Do. |
| Hemp ..... do.... | 2,905 | Do. |

EXPORTS.

| Articles. | Quantity | Countries whence exported. |
|---|---|---|
| Alcohol ..... hectoliters.. | 22,134 | Turkey, 17,245; Austrian ports, 1,923; Egypt, 1,031; Roumania, 721; France, 617; Great Britain, 310; Algiers, 287. |
| Beans ..... quintals.. | 215,235 | United States, 69,746; France, 42,718; Holland, 24,437; Italy, 22,288; Great Britian, 22,029; Belgium, 16,614; Spain, 14,870; Austrian ports, 2,268; Algiers, 265. |
| Beer ..... hectoliters.. | 4,345 | Austrian ports, 2,868; Italy, 1,460; France, 15; Asia, 2. |
| Bricks and tiles ..... number.. | 506,000 | Not given. |
| Celluloid ..... quintals.. | 21,674 | Great Britain, 10,416; Italy, 5,324; United States, 3,848; Spain, 1,735; France, 559; Austrian ports, 292. |
| Coals, woods ..... do.... | 10,917 | Not given. |
| Coffee ..... do.... | 2,718 | Do. |
| Comestibles ..... do.... | 9,736 | Austrian ports, 3,612; Turkey, 72; Great Britain, 19; Egypt, 12; Roumania, 91; Montenegro, 5; Greece, 5. |
| Flour: | | |
| Wheat ..... do.... | 680,741 | Great Britain, 417,152, France, 102,795; Austrian ports, 95,722; Brazil, 60,150; Holland, 703; Turkey, 583; Greece, 569; Asia, 388; Belgium, 303; Italy, 2,187; Spain, 137; Egypt, 52. |
| Maize ..... do.... | 15,744 | Austrian ports, 15,744. |
| Rice ..... do.... | 105 | Not given. |
| Fruits: | | |
| Fresh ..... do.... | 405 | Do. |
| Dried ..... do.... | 55,320 | United States, 47,856; Belgium, 2,216; Holland, 2,028; Italy, 1,338; France, 986; Great Britian, 786; Brazil, 86; Austrian ports, 29. |
| Grain: | | |
| Barley ..... do.... | 191,591 | Holland, 89,083; Great Britian, 54,851; Belgium, 27,012; Austrian ports, 10,938; Italy, 7,019; France, 2,783; Greece, 202; Spain, 100; Brasil, 23; Turkey, 75. |
| Oats ..... do.... | 7,661 | Austrian ports, 7,560; Italy, 101. |
| Rye ..... do.... | 528 | Not given. |
| Maize ..... do.... | 252,816 | Austrian ports, 202,243; Italy, 48,562; Great Britain, 1,087; Greece, 924. |

*Statement showing the imports and exports at Fiume*—Continued.

EXPORTS—Continued.

| Articles. | Quantity. | Countries whence exported. |
|---|---|---|
| Grain—Continued: | | |
| Divers ..... quintals.. | 28,525 | Holland, 28,525. |
| Wheat ..... do.... | 52,803 | Austrian ports, 47,424; Italy, 3,539; Holland, 1,210; Spain, 400: Algiers, 200; Turkey, 30. |
| Leather, raw, and skins ..... do.... | 6,205 | Not given. |
| Machinery, parts of ..... do.... | 5,707 | Italy, 4,833; Great Britain, 540; Austrian ports, 227; Turkey, 70; United States, 24; Algiers, 3; Brazil, 5; Germany, 3; Greece, 2. |
| Manganese ..... do.... | 26,628 | Great Britain, 54,125; Belgium, 2,500; Austrian ports, 3. |
| Mineral water ..... hectoliters.. | 36,946 | United States, 16,907; Great Britain, 15,639; Italy, 1,910; France, 1,509; Austrian ports, 753; Turkey, 126; Egypt, 102. |
| Oil, mineral ..... do.... | 15,903 | Austrian ports, 15,903. |
| Paper, divers ..... quintals.. | 13,168 | Great Britain, 3,097; Turkey, 2,126; Greece, 1,565; Spain, 1,426; Austrian ports, 1,406; Egypt, 1,195; Brazil, 847; Belgium, 636: Roumania, 321; France, 257; Germany, 137; Holland, 75; Italy, 49; Japan, 14; China, 10; Australia, 7. |
| Plants, parts of ..... do.... | 2,352 | Not given. |
| Pollard: | | |
| Wheat ..... do.... | 14,514 | Austrian ports, 11,327; France, 2,937; Great Britain, 250. |
| Rice ..... do.... | 20,360 | France, 17,284; Austrian ports, 3,076. |
| Potatoes ..... do.... | 4,667 | Austrian ports, 4,667. |
| Rice ..... do.... | 38,896 | Austrian ports, 37,735; Turkey, 1,076; Greece, 65; Roumania, 20. |
| Seeds (divers) ..... do.... | 5,003 | Holland, 5,003. |
| Soap ..... do.... | 2,357 | Not given. |
| Starch ..... do.... | 10,067 | Great Britain, 6,084; France, 1,750; Greece, 774; Italy, 725; Brazil, 309; Austrian ports, 154; Turkey, 70; Holland, 60; Egypt, 56; United States, 47; Spain, 28; Belgium, 10. |
| Sugar ..... do.... | 172,324 | Italy, 108,529; Great Britain, 27,583; United States, 15,315; Turkey, 14,778; Austrian ports, 5,329; Africa, 670; Roumania, 99; Greece, 21. |
| Sumac ..... do.... | 1,519 | France, 901; Great Britain, 591; Austrian ports, 27. |
| Talc ..... do.... | 2,800 | Great Britain, 2,380; Austrian ports, 300; Germany, 120. |
| Tanning extracts ..... do.... | 84,393 | Great Britain, 66,370; Belgium, 11,488; Germany, 2,773; France, 2,032; Russia, 1,043; Holland, 321; Italy, 219; Austrian ports, 85; Spain, 57; United States, 5. |
| Tobacco ..... do.... | 6,895 | Not given. |
| Wine ..... hectoliters.. | 19,140 | France, 9,961; Austrian ports, 5,994; United States, 1,261; Brazil, 671; Great Britain, 697; Italy, 422; Egypt, 45; Turkey, 41; Germany, 23; Holland, 5. |
| Wood: | | |
| Fire ..... cubic meters.. | 2,745 | Not given. |
| Oak timbers ..... do.... | 12,927 | Do. |
| Square oak timbers ..... do.... | 4,982 | Do. |
| Oak boards ..... do.... | 17,409 | Do. |
| Oak staves ..... number.. | 33,198,700 | Do. |
| Parquets ..... do.... | 530,900 | Do. |
| Railroad beams ..... do.... | 126,800 | Do. |
| Beech planks ..... do.... | 14,700 | Do. |
| Beech boards ..... do.... | 196,300 | Do. |
| Beech scantling ..... do.... | 4,873,700 | Do. |
| Beech stanchions ..... do.... | 193,900 | Do. |
| Beech staves ..... do.... | 2,232,000 | Do. |
| Beech oars ..... do.... | 28,800 | Do. |
| Beech timbers ..cubic meters.. | 156 | Do. |
| Timbers ..... do.... | 20,894 | Do. |
| Planks ..... number.. | 22,400 | Do. |
| Boards ..... do.... | 1,037,800 | Do. |
| Scantling ..... do.... | 239,200 | Do. |
| Stanchions ..... do.... | 466,000 | Do. |
| Staves ..... do.... | 455,000 | Do. |
| Divers ..... do.... | 2,346 | Do. |
| Do ..... cubic meters.. | 1,444 | Do. |

*Statement showing the imports at Trieste from the United States during the year ending December 31, 1892.*

| Articles. | Quantity. | Articles. | Quantity. |
|---|---|---|---|
| Beef, prepared ..... tons.. | 55 | Paper pulp ..... tons.. | 51 |
| Chalk ..... do... | 21 | Paraffin and ceresin ..... do... | 104 |
| Coffee ..... do... | 297 | Plants: | |
| Copper ..... do... | 41 | Living, and parts of ..... do... | 1 |
| Cotton ..... do... | 2,431 | Dried, prepared ..... do... | 4 |
| Drugs ..... do... | 125 | Resin ..... do... | 8,879 |
| Earth, mineral, divers ..... do... | 61 | Seeds, divers ..... do... | 15 |
| Greases, divers ..... do... | 74 | Sponges ..... do... | 3 |
| Iron, manufactured, divers ..... do... | 1 | Sugar, divers ..... do... | 20 |
| Lard ..... do... | 4 | Tallow ..... do... | 51 |
| Leather: | | Tin ..... do... | 2 |
| Raw, divers ..... do... | 57 | Varnishes ..... do... | 1 |
| Manufactured ..... do... | 39 | Vehicles ..... number.. | 1 |
| Liquors ..... do... | ½ | Wood: | |
| Machinery, and parts of ..... do... | 11 | Staves ..... do... | 11,620 |
| Material, chemical, divers ..... do... | 13 | Oars ..... do... | 80 |
| Metals, divers ..... do... | 2 | Manufactured ..... tons.. | 5 |
| Oils: | | Furniture, divers ..... do... | 1 |
| Cotton-seed ..... do... | 6,622 | Foreign growth ..... do... | 1,333 |
| Lubricating ..... do... | ½ | | |
| Mineral (petroleum) ..... do... | 7 | Total: | |
| Turpentine ..... do... | 86 | Tons ..... | 20,873 |
| | | Numbers ..... | 11,701 |

Total value, $1,790,539.00.

*Statement showing the value of declared exports from the consular district of Trieste and Fiume to the United States during the four quarters of the year ending December 31, 1892.*

| Articles. | Quarters ending— | | | | Total. |
|---|---|---|---|---|---|
| | March. | June. | September. | December. | |
| Antimony | | | $305.03 | | $305.03 |
| Beans | | $4,270.11 | 23,648.41 | $36,391.68 | 64,310.20 |
| Beetroot sugar | | | 96,224.64 | | 98,224.64 |
| Cedars | | | 1,714.22 | | 1,714.22 |
| Cheese | | | | 258.05 | 258.05 |
| Coffee | | | | 1,345.65 | 1,345.65 |
| Cuttlebones | $1,645.99 | 2,712.00 | 5,667.24 | 1,836.10 | 11,861.33 |
| Drugs and chemicals | 1,536.44 | 1,340.04 | 2,654.07 | 2,411.12 | 7,941.67 |
| Fruit, dried | 480,027.33 | 9,221.12 | 92,077.11 | 279,334.44 | 428,660.00 |
| Furniture, antique | | | | 572.09 | 572.09 |
| Gum | 31,292.40 | 10,882.08 | 6,948.68 | 26,974.49 | 76,097.65 |
| Hemp | | | | 1,874.58 | 1,874.58 |
| Herbs, leaves and roots | 5,296.06 | 6,416.15 | 14,607.83 | 15,603.12 | 41,923.16 |
| Insect flowers and powder | 20,516.60 | 15,133.32 | 10,404.56 | 25,830.10 | 71,884.58 |
| Iron, oxide | 845.72 | | | 334.44 | 1,180.16 |
| Leather and skins | 28,352.25 | 38,769.25 | 18,344.38 | 25,400.97 | 110,866.85 |
| Mineral water | | 366.03 | | | 366.03 |
| Maccaroni | 1,272.67 | | | 3,481.75 | 4,754.42 |
| Mother-of-pearl shell | 2,543.72 | 2,609.58 | 6,469.38 | 5,864.35 | 17,487.03 |
| Oils | 1,994.51 | 1,096.85 | 2,307.71 | 1,436.88 | 6,835.95 |
| Polishing earth | 407.71 | 1,221.28 | 970.51 | 970.20 | 3,569.70 |
| Seeds | 641.41 | 157.63 | 1,697.96 | 1,837.53 | 3,834.53 |
| Sponges | 637.07 | 4,058.03 | 2,754.30 | 3,627.80 | 11,077.20 |
| Storax liquid | | 140.41 | 156.59 | | 297.00 |
| Sumac | 1,396.75 | 6,052.75 | 1,090.52 | 1,256.07 | 9,796.09 |
| Tartar, raw | 2,707.73 | | 2,259.36 | 4,472.03 | 9,439.12 |
| White lead | 2,180.05 | 2,063.33 | 4,191.35 | 900.82 | 8,735.55 |
| Wines and liquors | 892.19 | 1,773.73 | 382.05 | 834.98 | 3,882.95 |
| Wood, manufactured | | 274.44 | | | 274.44 |
| Wood pulp | 3,132.77 | 3,135.50 | 3,733.38 | 2,988.16 | 12,989.81 |
| Zinc dust | | | | 934.49 | 934.49 |
| Miscellaneous | 92.67 | 360.82 | | 1,626.84 | 2,079.83 |
| Total, United States gold | 155,412.04 | 112,053.95 | 300,609.28 | 447,298.73 | 1,015,374.00 |
| Total for preceding year | 222,601.66 | 138,761.16 | 89,088.72 | 376,626.32 | 827,137.86 |
| Increase | | | 211,520.56 | 70,672.41 | 188,236.14 |
| Decrease | 67,249.62 | 26,702.21 | | | |

*Statement showing the trade of Fiume with the United States during the year ending December 31, 1892.*

| Articles. | | Imports. | Exports. |
|---|---|---|---|
| Alumin earth | tons | 40 | |
| Beans | do | | 6,974 |
| Celluloid | do | | 335 |
| Coffee | do | 42 | |
| Furniture | do | | 5 |
| Machinery, parts of | do | | 3 |
| Mineral water | do | | 1,766 |
| Petroleum, raw | do | 5,602 | |
| Prunes, dried | do | | 4,786 |
| Resin | do | 1,517 | |
| Sugar | do | | 1,581 |
| Starch | do | | 5 |
| Tanning extract | do | | ½ |
| Tobacco leaves | do | 740 | |
| Wine | gallons | | 33,312 |
| Total: | | | |
| Tons | | 7,941 | 15,405½ |
| Gallons | | | 33,312 |

Total value, imports, $207,272; exports, $1,379,460.

*Statement showing the navigation at the port of Trieste, for the year ending December 31, 1892.*

| Flag, and from and to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| **Austro-Hungarian:** | | | | | | | | | | | | |
| Austrian ports | 2,539 | 282,216 | 2,292 | 45,520 | 4,831 | 327,736 | 2,522 | 275,459 | 2,256 | 45,909 | 4,778 | 320,768 |
| Algiers | 1 | 1,065 | 7 | 2,396 | 8 | 3,461 | 1 | 672 | 1 | 194 | 2 | 866 |
| Belgium | | | | | | | 1 | 1,185 | | | 1 | 1,185 |
| Brazil | 13 | 15,729 | | | 13 | 15,729 | 13 | 14,659 | | | 13 | 14,659 |
| Bulgaria | | | | | | | 1 | 215 | | | 1 | 215 |
| Cyprus | | | 1 | 144 | 1 | 144 | | | 3 | 474 | 3 | 474 |
| China | 10 | 18,310 | | | 10 | 18,310 | 11 | 20,991 | | | 11 | 20,991 |
| Egypt | 56 | 94,629 | | | 56 | 94,629 | 58 | 95,258 | 11 | 4,976 | 69 | 100,229 |
| France | 9 | 6,491 | 3 | 888 | 12 | 7,379 | 30 | 25,251 | 3 | 1,074 | 33 | 26,325 |
| Germany | 2 | 1,501 | | | 2 | 1,501 | | | | | | |
| Great Britain | 20 | 19,577 | 3 | 1,299 | 23 | 20,876 | 9 | 7,773 | | | 9 | 7,773 |
| Greece | 6 | 3,173 | 15 | 2,153 | 21 | 5,326 | 1 | 731 | 35 | 5,065 | 36 | 5,796 |
| Jamaica | | | 5 | 2,528 | 5 | 2,528 | | | | | | |
| Japan | | | | | | | 1 | 2,643 | | | 1 | 2,643 |
| India | 14 | 30,452 | | | 14 | 30,452 | 15 | 31,272 | | | 15 | 31,272 |
| Italy | 269 | 105,822 | 36 | 3,252 | 305 | 109,074 | 261 | 101,256 | 19 | 1,178 | 280 | 102,434 |
| Malta | 2 | 1,301 | | | 2 | 1,301 | 1 | 708 | | | 1 | 708 |
| Netherlands | 1 | 1,185 | | | 1 | 1,185 | | | | | | |
| Portugal | | | 2 | 200 | 2 | 200 | | | | | | |
| Roumania | | | 1 | 180 | 1 | 180 | | | | | | |
| Russia | 3 | 2,715 | | | 3 | 2,715 | | | | | | |
| Spain | 2 | 1,498 | 3 | 1,739 | 5 | 3,237 | 2 | 1,524 | | | 2 | 1,524 |
| Tunis | 9 | 5,096 | | | 9 | 5,096 | 8 | 4,141 | 2 | 693 | 10 | 4,834 |
| Turkey | 241 | 218,044 | 31 | 4,712 | 272 | 222,756 | 245 | 219,336 | 28 | 3,883 | 273 | 223,219 |
| Total | 3,197 | 808,804 | 2,399 | 65,011 | 5,596 | 873,815 | 3,179 | 808,069 | 2,358 | 62,846 | 5,537 | 866,915 |
| **Danish:** | | | | | | | | | | | | |
| Egypt | | | | | | | 1 | 968 | | | 1 | 968 |
| Italy | 1 | 968 | | | 1 | 968 | | | | | | |
| Total | 1 | 968 | | | 1 | 968 | 1 | 968 | | | 1 | 968 |
| **French:** | | | | | | | | | | | | |
| Algiers | | | | | | | 1 | 803 | | | 1 | 803 |
| Brazil | 3 | 3,926 | | | 3 | 3,926 | | | | | | |
| France | | | | | | | 4 | 4,840 | | | 4 | 4,840 |
| Great Britain | 1 | 803 | | | 1 | 803 | | | | | | |
| Total | 4 | 4,729 | | | 4 | 4,729 | 5 | 5,643 | | | 5 | 5,643 |

*Statement showing the navigation at the port of Trieste, for the year ending December 31, 1892*—Continued.

| Flag, and from and to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| **German:** | | | | | | | | | | | | |
| Egypt | 1 | 1,079 | ..... | ..... | 1 | 1,079 | ..... | ..... | ..... | ..... | ..... | ..... |
| Italy | 42 | 4,200 | ..... | ..... | 42 | 4,200 | 43 | 5,279 | ..... | ..... | 43 | 5,279 |
| Germany | 18 | 16,673 | ..... | ..... | 18 | 16,673 | 18 | 17,625 | ..... | ..... | 18 | 17,625 |
| Total | 61 | 21,952 | ..... | ..... | 61 | 21,952 | 61 | 22,904 | ..... | ..... | 61 | 22,904 |
| **British:** | | | | | | | | | | | | |
| Austrian ports | 2 | 2,487 | ..... | ..... | 2 | 2,487 | 7 | 7,963 | ..... | ..... | 7 | 7,963 |
| Algiers | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 3,092 | ..... | ..... | 2 | 3,092 |
| Belgium | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1,904 | ..... | ..... | 1 | 1,904 |
| Egypt | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 5,325 | ..... | ..... | 4 | 5,325 |
| France | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1,937 | ..... | ..... | 2 | 1,937 |
| Great Britain | 109 | 140,636 | ..... | ..... | 109 | 140,636 | 80 | 97,001 | ..... | ..... | 80 | 97,001 |
| Greece | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 4,097 | ..... | ..... | 4 | 4,097 |
| India | 9 | 16,003 | ..... | ..... | 9 | 16,003 | ..... | ..... | ..... | ..... | ..... | ..... |
| Italy | 9 | 11,231 | ..... | ..... | 9 | 11,231 | 4 | 5,029 | ..... | ..... | 4 | 5,029 |
| Malta | 15 | 6,485 | ..... | ..... | 15 | 6,485 | 2 | 2,547 | ..... | ..... | 2 | 2,547 |
| Russia | 6 | 7,969 | ..... | ..... | 6 | 7,969 | 10 | 15,200 | ..... | ..... | 10 | 15,200 |
| Spain | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1,570 | ..... | ..... | 1 | 1,570 |
| Tripoli | ..... | ..... | ..... | ..... | ..... | ..... | 17 | 8,434 | ..... | ..... | 17 | 8,434 |
| Turkey | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 6,728 | ..... | ..... | 6 | 6,728 |
| United States | 7 | 13,211 | 1 | 485 | 8 | 13,696 | 16 | 34,260 | 1 | 485 | 17 | 34,745 |
| Total | 157 | 198,022 | 1 | 485 | 158 | 198,507 | 156 | 195,087 | 1 | 485 | 157 | 195,572 |
| **Greek:** | | | | | | | | | | | | |
| Austrian ports | 1 | 1,843 | 3 | 390 | 4 | 2,233 | 1 | 835 | 3 | 442 | 4 | 1,277 |
| Algiers | ..... | ..... | 2 | 674 | 2 | 674 | ..... | ..... | 1 | 338 | 1 | 338 |
| Cyprus | ..... | ..... | 1 | 145 | 1 | 145 | ..... | ..... | ..... | ..... | ..... | ..... |
| Egypt | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1,483 | ..... | ..... | 1 | 1,483 |
| France | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 220 | 1 | 220 |
| Greece | 2 | 2,371 | 28 | 3,208 | 30 | 5,579 | ..... | ..... | 31 | 4,760 | 31 | 4,760 |
| Italy | ..... | ..... | 4 | 697 | 4 | 697 | ..... | ..... | 1 | 145 | 1 | 145 |
| Malta | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 274 | 1 | 274 |
| Montenegro | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 20 | 1 | 20 |
| Russia | ..... | ..... | ..... | ..... | ..... | ..... | 13 | 13,962 | 1 | 311 | 14 | 14,288 |
| Turkey | 26 | 24,996 | 30 | 3,271 | 56 | 28,267 | 14 | 12,433 | 32 | 2,509 | 46 | 14,942 |
| Total | 29 | 29,210 | 68 | 8,385 | 97 | 37,595 | 29 | 28,733 | 72 | 9,019 | 101 | 37,752 |
| **Italian:** | | | | | | | | | | | | |
| Austrian ports | 2 | 2,061 | 344 | 15,480 | 346 | 17,561 | 9 | 2,915 | 289 | 9,498 | 298 | 12,413 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Algiers | | | 2 | 940 | 2 | 940 | | | 2 | 722 | 2 | 722 |
| Barbados | | | | | | | | | 1 | 583 | 1 | 583 |
| Belgium | | | | | | | | | | | | |
| Brazil | 3 | 4,026 | | | | | 1 | 1,611 | | | 1 | 1,611 |
| British America | | | | | 3 | 4,026 | | | | | | |
| Egypt | | | | | | | | | | | | |
| France | 51 | 43,571 | 1 | 390 | 1 | 399 | | | 2 | 1,277 | 2 | 1,277 |
| Great Britain | 1 | 360 | 4 | 1,278 | 55 | 49,849 | 1 | 536 | 3 | 3,943 | 3 | 3,943 |
| Greece | | | 4 | 2,005 | 5 | 2,365 | 1 | 1,612 | 1 | 289 | 2 | 775 |
| Italy | 214 | 107,839 | 13 | 2,059 | 13 | 2,059 | | | | | 1 | 1,612 |
| Spain | | | 977 | 54,199 | 1,191 | 162,088 | 255 | 155,629 | 1 | 81 | 1 | 81 |
| Tunis | 1 | 245 | 1 | 259 | 2 | 504 | 6 | 1,470 | 1,041 | 68,806 | 1,296 | 224,435 |
| Turkey | 38 | 41,536 | 1 | 62 | 39 | 41,598 | 37 | 39,537 | 2 | 641 | 2 | 641 |
| United States | | | 22 | 11,671 | 22 | 11,671 | | | 2 | 856 | 39 | 1,595 |
| | | | | | | | | | 1 | 420 | 1 | 420 |
| Total | 310 | 204,658 | 1,370 | 88,352 | 1,680 | 293,010 | 310 | 203,610 | 1,351 | 87,226 | 1,661 | 290,836 |
| **Montenegrin:** | | | | | | | | | | | | |
| Austrian ports | | | 3 | 73 | 3 | 73 | | | 1 | 34 | 1 | 34 |
| Italy | | | | | | | | | 1 | 34 | 1 | 34 |
| Montenegro | | | 1 | 34 | 1 | 34 | | | 2 | 88 | 2 | 88 |
| Turkey | | | 5 | 168 | 5 | 168 | | | 6 | 189 | 6 | 189 |
| Total | | | 9 | 275 | 9 | 275 | | | 10 | 295 | 10 | 295 |
| **Dutch:** | | | | | | | | | | | | |
| France | | | | | | | 1 | 945 | | | 1 | 945 |
| Italy | 1 | 945 | | | 1 | 945 | | | | | | |
| Total | 1 | 945 | | | 1 | 945 | 1 | 945 | | | 1 | 945 |
| **Russian:** | | | | | | | | | | | | |
| Austrian ports | 1 | 352 | | | 1 | 352 | | | | | | |
| Italy | | | | | | | | | 1 | 269 | 1 | 269 |
| Russia | 12 | 20,727 | | | 12 | 20,727 | 12 | 21,079 | | | 12 | 21,079 |
| Trinidad | | | 1 | 269 | 1 | 269 | | | | | | |
| Total | 13 | 21,079 | 1 | 269 | 14 | 21,348 | 13 | 21,079 | 1 | 269 | 14 | 21,348 |
| **Samiotte: Turkey** | | | 1 | 55 | 1 | 55 | | | | | | |
| **Swedish and Norwegian:** | | | | | | | | | | | | |
| Austrian ports | | | | | | | 5 | 1,432 | | | 5 | 1,432 |
| Algiers | 1 | 318 | | | 1 | 318 | | | | | | |
| Egypt | | | | | | | 1 | 790 | | | 1 | 790 |
| France | 1 | 287 | | | 1 | 287 | | | 1 | 614 | 1 | 614 |
| Greece | | | | | | | 2 | 687 | | | 2 | 687 |
| Italy | 42 | 13,524 | | | 42 | 13,524 | 41 | 13,613 | | | 41 | 13,613 |
| Malta | 1 | 281 | | | 1 | 281 | | | | | | |
| Roumania | 1 | 934 | | | 1 | 934 | | | | | | |
| Spain | | | | | | | | | 1 | 311 | 1 | 311 |

*Statement showing the navigation at the port of Trieste, for the year ending December 31, 1892*—Continued.

| Flag, and from and to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| Swedish and Norwegian—Continued. | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Sweden and Norway | 1 | 431 | ..... | ..... | 1 | 431 | ..... | ..... | ..... | ..... | ..... | ..... |
| United States | ..... | ..... | 2 | 1,309 | 2 | 1,309 | ..... | ..... | 1 | 695 | 1 | 695 |
| Uruguay | ..... | ..... | 1 | 311 | 1 | 311 | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 47 | 15,775 | 3 | 1,620 | 50 | 17,395 | 49 | 16,522 | 3 | 1,620 | 52 | 18,142 |
| Turkish: | | | | | | | | | | | | |
| Austrian ports | ..... | ..... | 2 | 58 | 2 | 58 | ..... | ..... | 1 | 35 | 1 | 35 |
| Greece | ..... | ..... | 8 | 561 | 8 | 561 | ..... | ..... | 7 | 513 | 7 | 513 |
| Italy | ..... | ..... | 1 | 100 | 1 | 100 | ..... | ..... | 4 | 725 | 4 | 725 |
| Turkey | ..... | ..... | 23 | 901 | 23 | 901 | ..... | ..... | 25 | 1,534 | 25 | 1,534 |
| Total | ..... | ..... | 34 | 1,620 | 34 | 1,620 | ..... | ..... | 37 | 2,807 | 37 | 2,807 |

## RECAPITULATION.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Austro-Hungarian | 3,197 | 808,804 | 2,399 | 65,011 | 5,596 | 873,815 | 3,179 | 803,069 | 2,358 | 62,846 | 5,537 | 865,915 |
| Danish | 1 | 968 | ..... | ..... | 1 | 968 | 1 | 968 | ..... | ..... | 1 | 968 |
| French | 4 | 4,729 | ..... | ..... | 4 | 4,729 | 5 | 5,643 | ..... | ..... | 5 | 5,643 |
| German | 61 | 21,952 | ..... | ..... | 61 | 21,952 | 61 | 22,904 | ..... | ..... | 61 | 22,904 |
| British | 157 | 198,022 | 1 | 485 | 158 | 198,507 | 156 | 195,087 | 1 | 485 | 157 | 195,572 |
| Greek | 29 | 29,210 | 68 | 8,385 | 97 | 37,595 | 29 | 28,733 | 72 | 9,019 | 101 | 37,752 |
| Italian | 288 | 192,987 | 1,392 | 100,023 | 1,680 | 293,010 | 310 | 203,610 | 1,351 | 87,226 | 1,661 | 290,836 |
| Montenegrian | ..... | ..... | 9 | 275 | 9 | 275 | ..... | ..... | 10 | 295 | 10 | 295 |
| Dutch | 1 | 945 | ..... | ..... | 1 | 945 | 1 | 945 | ..... | ..... | 1 | 945 |
| Russian | 13 | 21,079 | 1 | 269 | 14 | 21,348 | 13 | 21,079 | 1 | 269 | 14 | 21,348 |
| Samiotte | ..... | ..... | 1 | 55 | 1 | 55 | ..... | ..... | ..... | ..... | ..... | ..... |
| Swedish and Norwegian | 47 | 15,775 | 3 | 1,620 | 50 | 17,395 | 49 | 16,522 | 3 | 1,620 | 52 | 18,142 |
| Turkish | ..... | ..... | 34 | 1,620 | 34 | 1,620 | ..... | ..... | 37 | 2,807 | 37 | 2,807 |
| Total | 3,798 | 1,294,471 | 3,908 | 177,743 | 7,706 | 1,472,214 | 3,804 | 1,298,560 | 3,838 | 164,567 | 7,637 | 1,463,127 |

*Statement showing the navigation at the port of Fiume, for the year ending December 31, 1892.*

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Austro-Hungarian | 3,675 | 434,238 | 1,634 | 66,098 | 5,309 | 500,336 | 3,647 | 435,780 | 1,623 | 62,586 | 5,270 | 498,366 |
| French | 1 | 1,453 | ..... | ..... | 1 | 1,453 | 1 | 1,453 | ..... | ..... | 1 | 1,453 |
| German | 8 | 7,612 | 1 | 2,346 | 9 | 9,958 | 8 | 7,612 | 1 | 2,346 | 9 | 9,958 |
| Greek | 4 | 4,419 | 9 | 1,835 | 13 | 6,254 | 4 | 4,419 | 11 | 2,754 | 15 | 7,173 |
| British | 162 | 216,254 | 2 | 2,576 | 164 | 218,830 | 160 | 214,027 | 3 | 2,792 | 163 | 216,819 |
| Italian | 53 | 24,718 | 754 | 40,128 | 807 | 64,846 | 52 | 24,504 | 756 | 40,551 | 808 | 65,055 |
| Montenegrin | 1 | 1,093 | 3 | 75 | 4 | 1,168 | 1 | 1,093 | 3 | 75 | 4 | 1,168 |
| Russian | 1 | 914 | ..... | ..... | 1 | 914 | 1 | 914 | ..... | ..... | 1 | 914 |
| Swedish and Norwegian | 13 | 5,798 | 1 | 614 | 14 | 6,412 | 13 | 5,798 | 1 | 614 | 14 | 6,412 |
| Turkish | ..... | ..... | 1 | 43 | 1 | 43 | ..... | ..... | 2 | 405 | 2 | 405 |
| Total | 3,918 | 696,494 | 2,405 | 113,710 | 6,323 | 810,204 | 3,887 | 695,600 | 2,400 | 112,123 | 6,287 | 807,723 |

*Value of exports declared from Austria-Hungary to the United States for the year ended June 30, 1893.*

| Articles. | Quarter ending— | | | | Value. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **BUDAPESTH.** | | | | | |
| Argols | ..... | $6,277.41 | $4,092.76 | ..... | $10,370.17 |
| Baskets and basket ware | ..... | 222.49 | 444.97 | $397.88 | 1,065.34 |
| Beans and lentils | $26,632.02 | 135,279.69 | 329,472.64 | 22,487.60 | 513,871.95 |
| Books and papers | 755.93 | 1,105.59 | 1,835.53 | 2,663.08 | 6,360.13 |
| Brushes and bristles | 633.72 | 2,821.56 | ..... | ..... | 3,455.28 |
| Drugs and chemicals | ..... | 17,861.97 | 17,401.32 | 8,657.79 | 43,921.08 |
| Cow hair | ..... | ..... | ..... | 309.62 | 309.62 |
| Fruits, dried | 48,133.06 | 71,457.21 | 84,634.33 | 16,905.48 | 221,130.08 |
| Flowers | ..... | ..... | 134.38 | ..... | 134.38 |
| Furniture | 2,234.60 | 638.15 | 301.19 | 2,578.91 | 5,752.85 |
| Furs | ..... | ..... | 915.33 | ..... | 915.33 |
| Glassware | 5,893.42 | 5,096.00 | 4,502.82 | 4,945.17 | 20,437.41 |
| Glue | 4,382.95 | 5,113.97 | 4,150.32 | 2,810.63 | 16,457.87 |
| Harness | ..... | 520.36 | ..... | ..... | 525.36 |
| Herbs, roots, and leaves | 1,459.32 | 3,187.23 | 3,009.29 | 914.39 | 8,570.23 |
| Linen goods and leather | ..... | ..... | ..... | 398.49 | 398.49 |
| Meerschaum pipes | ..... | ..... | ..... | 101.50 | 101.50 |
| Millet | ..... | 422.24 | 513.29 | ..... | 935.53 |
| Marmolade and prunes | ..... | ..... | 1,588.09 | ..... | 1,588.09 |
| Minerals | ..... | ..... | ..... | 109.21 | 109.21 |
| Mineral water | 37,853.82 | 22,461.62 | 20,033.54 | 26,090.40 | 106,439.38 |
| Musical instruments | ..... | ..... | ..... | 45.43 | 45.43 |
| Oil of juniper berries | 255.07 | 261.26 | 1,201.92 | 462.84 | 2,181.09 |
| Oils and paints | ..... | 181.24 | ..... | ..... | 181.24 |
| Pictures | ..... | 170.52 | ..... | ..... | 170.52 |
| Plum jam | ..... | ..... | ..... | 1,294.07 | 1,594.07 |
| Porcelain and pottery | 6,726.44 | 3,404.26 | 2,710.68 | 2,203.99 | 16,045.37 |
| Preserved cherries | ..... | ..... | 158.23 | ..... | 158.23 |
| Seeds | 2,390.61 | 221.07 | 270.40 | ..... | 2,882.08 |
| Shoemakers' paste | ..... | 601.08 | 434.80 | ..... | 1,035.88 |
| Skins | ..... | 1,149.46 | 8,230.78 | 617.57 | 9,997.81 |
| Smokers' articles | ..... | ..... | 81.20 | ..... | 81.20 |
| Umbrella fixtures | 4,918.82 | 3,721.48 | 5,706.80 | 2,861.22 | 17,208.32 |
| Wines and liquors | 12,515.68 | 55,302.43 | 16,298.96 | 10,368.53 | 94,545.60 |
| Wood pulp | 13,900.43 | 8,590.66 | 13,158.72 | 22,370.50 | 58,020.31 |
| Wool | ..... | ..... | 2,980.04 | ..... | 2,980.04 |
| Miscellaneous | 1,000.07 | ..... | ..... | ..... | 1,000.07 |
| Total | 170,685.96 | 346,133.95 | 524,262.33 | 129,895.30 | 1,170,976.54 |
| Total for preceding year | 59,369.65 | 53,390.55 | 130,564.20 | 80,229.92 | 373,554.32 |
| Increase | 111,316.31 | 292,743.40 | 393,698.13 | 49,664.38 | 847,422.22 |
| **PRAGUE.** | | | | | |
| Artificial flowers | 315.04 | 6,988.97 | 3,872.83 | ..... | 11,176.84 |
| Baskets and basket ware | 1,268.36 | 1,699.47 | ..... | 419.35 | 3,387.18 |
| Beans and lentils | 10,299.20 | 96,481.84 | 115,550.43 | 9,803.19 | 232,134.66 |
| Bed feathers | 86,204.19 | 72,947.64 | 84,695.80 | 45,360.73 | 289,208.36 |
| Beer | 25,459.33 | 28,689.64 | 20,886.40 | 26,751.04 | 101,786.41 |
| Beet-root sugar | 1,523,738.42 | 298,198.35 | 155,226.06 | 327,554.53 | 2,304,717.36 |
| Black lead | 4,837.48 | 4,343.25 | 4,899.26 | 3,798.62 | 17,878.61 |
| Books | 3,078.10 | 996.31 | 3,737.52 | 5,369.94 | 13,181.87 |
| Bronze powder | ..... | ..... | 570.02 | ..... | 570.02 |
| Buttons | 12,188.63 | 25,239.23 | 28,442.88 | 28,152.15 | 94,022.89 |
| Carlsbad Sprudel salt | 6,730.68 | 20,123.95 | 28,821.23 | 1,831.36 | 57,507.22 |
| Clay | 469.28 | 680.52 | ..... | 1,665.41 | 2,815.21 |
| Cloth and woolen goods | 4,888.47 | 5,552.55 | 8,360.01 | 1,657.70 | 20,458.73 |
| Cotton goods | 4,211.30 | 1,012.46 | 720.24 | 11,897.30 | 17,841.30 |
| Cutlery | 453.61 | ..... | ..... | ..... | 453.61 |
| Drugs and chemicals | 8,805.11 | 24,632.54 | 12,854.48 | 6,131.13 | 52,423.26 |
| Embroideries and laces | 8,758.43 | 6,382.94 | 7,978.50 | 3,591.93 | 26,711.80 |
| Fancy goods | ..... | ..... | 1,460.44 | ..... | 1,460.44 |
| Fig coffee | 437.89 | ..... | 442.16 | 361.51 | 1,241.56 |
| French chalk | ..... | ..... | ..... | 1,721.63 | 1,721.63 |
| Fruits, dried | 15,404.63 | 28,491.20 | 1,664.60 | ..... | 45,560.43 |
| Furniture | 2,297.91 | ..... | 980.55 | ..... | 3,278.46 |
| Glassware | 65,184.17 | 32,717.64 | 27,548.35 | 56,946.32 | 182,396.48 |
| Gloves | 69,635.88 | 37,595.06 | 65,140.89 | 39,149.52 | 211,521.35 |
| Gum | ..... | ..... | 8,533.16 | 3,051.17 | 11,584.33 |
| Hair: | | | | | |
| Animal | 1,279.26 | 1,728.94 | ..... | ..... | 3,008.20 |
| Human | 6,658.61 | 7,834.62 | 9,961.46 | 11,733.03 | 36,187.72 |
| Hops | ..... | 28,474.38 | 30,832.46 | 3,255.27 | 62,562.06 |
| Jewelry and precious stones | 6,777.26 | ..... | 8,835.75 | 4,900.24 | 20,513.25 |
| Leather and skins | 4,815.61 | ..... | 2,894.77 | 211.12 | 7,921.50 |

*Value of exports declared from Austria-Hungary to the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Value. |
|---|---|---|---|---|---|
| PRAGUE—continued. | | | | | |
| Linen goods | $24,568.40 | $54,281.79 | $53,844.13 | $52,818.55 | $185,512.87 |
| Lupulinum | | 880.82 | 2,170.48 | 655.08 | 3,706.38 |
| Metal capsules | 2,983.98 | 2,425.20 | 3,563.70 | 3,271.24 | 12,244.12 |
| Metal ware | 805.91 | | 1,654.31 | 316.37 | 2,776.59 |
| Mineral water | 7,041.46 | 17,148.83 | | 809.27 | 24,999.56 |
| Mirror glass | 1,537.04 | 12,463.91 | 16,098.17 | 15,297.05 | 45,396.17 |
| Musical instruments | 9,901.50 | 10,892.89 | 9,305.82 | 10,630.79 | 40,731.00 |
| Oil paintings | 2,345.15 | | | | 2,345.15 |
| Paper goods | 15,239.94 | 16,267.12 | 14,257.06 | 9,421.66 | 55,185.78 |
| Pencils | 1,166.80 | 423.15 | | 1,276.70 | 2,866.65 |
| Porcelain and pottery | 202,284.44 | 136,373.90 | 98,243.02 | 147,258.64 | 584,160.00 |
| Potash | 13,358.98 | 9,764.32 | 6,675.14 | 7,541.21 | 37,339.65 |
| Skeletons | 456.04 | | | 652.04 | 1,108.08 |
| Smokers' articles | 907.26 | | 402.78 | 399.19 | 1,709.23 |
| Toys | 3,641.73 | 1,514.40 | 355.41 | 9,362.76 | 15,474.30 |
| Velvets | 1,202.34 | | 401.92 | 7,300.89 | 8,905.15 |
| Wines and liquors | 404.74 | 781.12 | 1,062.17 | 304.60 | 2,552.63 |
| Wooden goods | 652.76 | 1,253.55 | | | 1,906.31 |
| Wood pulp | 33,583.26 | 31,620.51 | 16,084.66 | 34,415.04 | 115,703.47 |
| Wool | 37,982.19 | 69,341.22 | 49,355.20 | 36,841.86 | 193,520.47 |
| Wool grease | | | 1,209.83 | | 1,209.83 |
| Sundries | 1,856.24 | 413.93 | 1,168.04 | 261.51 | 3,699.72 |
| Total | 2,236,117.01 | 1,096,658.11 | 910,762.09 | 934,748.64 | 5,178,285.85 |
| Total for preceding year | 1,425,134.56 | 1,997,801.09 | 401,653.81 | 552,990.57 | 4,377,570.03 |
| Increase | 810,992.45 | | 509,108.28 | 381,758.07 | 800,715.82 |
| Decrease | | 901,142.98 | | | |
| REICHENBERG AND HAIDA. | | | | | |
| Artificial flowers | 1,665.10 | 1,771.10 | 1,779.13 | 174.84 | 5,390.17 |
| Bonnet frames | 1,122.05 | | | 522.75 | 1,644.80 |
| Bronze ware | | | | 404.88 | 404.88 |
| Buttons: | | | | | |
| Glass | 14,333.02 | 28,152.78 | 6,542.80 | 12,990.79 | 62,019.39 |
| Horn | 539.23 | 545.93 | | | 1,085.16 |
| Ivory | 19,236.91 | 16,342.54 | 84,999.31 | 19,100.72 | 89,679.48 |
| Metal | 1,653.58 | 4,935.77 | | 4,913.25 | 11,502.60 |
| Pearl | 540.41 | 1,644.29 | 1,159.78 | 1,712.24 | 5,056.72 |
| Wash | | | | 1,916.92 | 1,916.92 |
| Brushes | 278.38 | 241.73 | | 175.03 | 695.14 |
| Colors | 117.39 | 125.90 | | 180.87 | 424.16 |
| Celluloid goods | | | | 5,098.52 | 5,098.52 |
| Cotton goods | 1,880.48 | | 1,772.44 | 732.88 | 4,385.80 |
| Cutlery | 2,560.89 | 4,096.63 | 4,047.41 | 3,566.85 | 14,271.78 |
| Fans | | 1,596.24 | 1,513.92 | 99.11 | 3,209.27 |
| Furniture | | | 217.21 | | 217.21 |
| Glassware | 207,175.26 | 127,461.67 | 139,900.50 | 197,721.62 | 672,259.05 |
| Gold and silver ware | 455.51 | | | | 455.51 |
| Human hair | | | 309.82 | | 309.82 |
| Jewelry (imitation) | 94,615.29 | 90,917.99 | 135,107.52 | 41,844.67 | 362,495.47 |
| Linen goods | 98,201.84 | 76,889.73 | 106,674.50 | 108,715.82 | 390,481.89 |
| Metal ware | 1,622.34 | 2,785.85 | 6,412.01 | 1,400.14 | 12,220.34 |
| Musical instruments | 288.61 | 239.09 | 184.73 | 548.11 | 1,260.54 |
| Oil paintings | | 250.59 | 313.63 | | 564.22 |
| Paper goods | | | 339.16 | 12.42 | 351.58 |
| Paste goods | 135.06 | 498.52 | 462.14 | 152.47 | 1,248.19 |
| Picture frames | 929.80 | 993.93 | 1,606.30 | 1,898.48 | 5,428.51 |
| Pictures | | | | 119.10 | 119.10 |
| Porcelain and pottery | 44,097.03 | 27,174.82 | 30,281.75 | 42,068.63 | 143,622.23 |
| Precious stones | 614.83 | 926.84 | 532.27 | 964.55 | 3,038.49 |
| Pipes | 148.05 | | | 348.04 | 496.09 |
| Sparterre | 1,018.26 | 679.19 | 2,407.14 | 2,009.48 | 6,114.07 |
| Toothpicks | 128.36 | | | | 128.36 |
| Toys | 1,705.10 | 568.18 | 775.84 | 1,830.53 | 4,879.65 |
| Velveteen | 569.86 | | 920.49 | 4,217.86 | 5,708.21 |
| Woodenware | 4,223.66 | 73.64 | 2,048.73 | 2,703.63 | 9,044.66 |
| Woolen goods | 4,799.53 | 3,915.09 | | 1,402.28 | 10,116.90 |
| Miscellaneous | 707.10 | 4,852.35 | 1,885.12 | 2,194.13 | 9,638.70 |
| Total | 505,362.93 | 397,680.39 | 482,188.65 | 461,751.61 | 1,846,983.58 |
| Total for preceding year | 306,024.31 | 249,890.50 | 304,517.15 | 302,616.18 | 1,163,048.14 |
| Increase | 199,338.62 | 146,789.89 | 177,671.50 | 159,135.43 | 683,935.44 |

*Value of exports declared from Austria-Hungary to the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Value. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| TRIESTE AND FIUME. | | | | | |
| Antimony | $305.03 | | | | $305.03 |
| Beans | 23,648.41 | $36,391.68 | $34,775.46 | $1,638.76 | 96,454.31 |
| Beet-root sugar | 98,224.64 | | | | 98,224.64 |
| Cedars | 1,714.22 | | 156.83 | | 1,871.05 |
| Cheese | | 258.05 | | | 258.05 |
| Coffee | | 1,345.65 | | 5,925.49 | 7,271.14 |
| Cotton-seed oil | | | 86,277.52 | | 86,277.52 |
| Cuttle-fish bones | 5,667.24 | 1,836.10 | 1,823.38 | 4,965.23 | 14,188.95 |
| Drugs and chemicals | 2,654.07 | 2,411.12 | 2,328.80 | 1,280.14 | 8,674.13 |
| Fruit, dried | 92,077.11 | 279,334.44 | 75,912.15 | 2,834.68 | 450,158.38 |
| Furniture, antique | | 572.09 | | | 572.09 |
| Gum | 6,948.68 | 26,974.49 | 14,092.53 | 24,658.11 | 72,673.81 |
| Hemp | | 1,874.58 | | | 1,874.58 |
| Herbs, roots, and leaves | 14,607.83 | 15,603.12 | 4,998.45 | 3,150.41 | 38,359.81 |
| Insect flowers and powder | 10,454.56 | 25,830.10 | 16,904.90 | 28,488.81 | 81,628.37 |
| Iron, oxide | | 334.44 | | 347.86 | 682.30 |
| Leather and skins | 18,344.38 | 25,400.97 | 139,163.38 | 31,467.04 | 214,375.77 |
| Maccaroni | | 3,481.75 | 351.80 | | 3,833.55 |
| Mother-of-pearl shells | 6,469.38 | 5,864.35 | 1,196.28 | | 13,530.01 |
| Nutgalls | | | | 323.09 | 323.09 |
| Oils | 2,307.71 | 1,436.88 | 2,151.35 | 2,027.52 | 7,923.46 |
| Polishing earth | 970.51 | 970.20 | 1,939.40 | 1,938.56 | 5,818.67 |
| Seeds | 1,697.96 | 1,337.53 | 1,869.37 | 1,074.75 | 5,979.61 |
| Sponges | 2,754.30 | 3,627.80 | 1,610.03 | 4,062.54 | 12,054.67 |
| Storax liquid | 156.59 | | | | 156.59 |
| Sumac | 1,090.52 | 1,256.07 | 1,000.78 | 1,129.37 | 4,476.74 |
| Tobacco | | | | 321.12 | 321.12 |
| Tartar, raw | 2,259.36 | 4,472.03 | | | 6,731.39 |
| White lead | 4,191.35 | 301.82 | 2,426.41 | 1,814.69 | 8,734.27 |
| Wine and liquors | 382.05 | 833.98 | 3,490.44 | 3,214.37 | 7,920.84 |
| Wood pulp | 3,733.38 | 2,988.16 | | | 6,721.54 |
| Woollens, cloths | | | | 153.79 | 153.79 |
| Zinc dust | | 934.49 | | | 934.49 |
| Miscellaneous | | 1,126.84 | 205.64 | | 1,832.48 |
| Total | 300,609.28 | 447,298.73 | 392,674.90 | 120,713.33 | 1,261,296.24 |
| Total for preceding year | 39,088.72 | 376,626.32 | 155,412.04 | 112,053.95 | 733,181.03 |
| Increase | 211,520.56 | 70,672.41 | 237,262.86 | 8,659.38 | 528,115.21 |

# BELGIUM.

*Value of declared exports to the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ANTWERP. | | | | | |
| Antiquities | $796.38 | | | | $796.38 |
| Beans | 1,650.34 | $8,741.57 | $10,581.76 | $1,042.97 | 22,016.64 |
| Bleaching powder | 3,863.92 | 4,523.35 | 8,746.01 | 7,637.93 | 24,771.21 |
| Bottle covers | 463.20 | | | | 463.20 |
| Books | 3,253.68 | 4,668.40 | 4,322.52 | 659.90 | 12,904.50 |
| Cement | 44,867.50 | 46,166.28 | 38,836.11 | 81,242.50 | 211,112.39 |
| Chemicals | | 28,468.42 | 20,387.87 | 20,272.18 | 69,128.47 |
| Chicory | 3,025.18 | 3,541.21 | 5,495.64 | | 12,062.03 |
| Chloride of lime | 1,489.22 | | | | 489.22 |
| Diamonds and precious stones | 94,165.30 | 94,348.90 | 61,841.20 | 33,082.08 | 28,373.43 |
| Feathers, bed | 17,354.14 | 9,357.95 | 7,966.29 | 10,385.59 | 45,063.97 |
| Flax | | 7,315.81 | 6,896.93 | 12,872.80 | 27,085.54 |
| Furniture | | | | 1,447.89 | 1,447.89 |
| Gin | | 869.28 | 562.50 | 751.84 | 2,183.62 |
| Glycerin | 1,084.95 | | | | 1,084.95 |
| Grease | | 991.01 | | | 991.01 |
| Hair: | | | | | |
| Animal | 2,913.58 | 10,452.09 | 5,227.74 | 1,660.40 | 20,253.81 |
| Human | | | 291.36 | | 291.36 |
| Hides, skins, and cuttings | 60,720.12 | 19,672.01 | 18,582.00 | 12,320.62 | 111,294.75 |

*Value of declared exports to the United States for the year ending June 30, 1893*—Cont'd.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| ANTWERP—continued. | | | | | |
| India rubber | $7,464.48 | | | $6,555.44 | $14,019.92 |
| Ivory | 842.23 | | | 6,450.60 | 7,292.83 |
| Linoleum | | $5,467.53 | $1,815.36 | 3,692.23 | 10,975.12 |
| Meat extract | 92,920.45 | 78,676.42 | 84,415.78 | 55,446.55 | 311,459.20 |
| Oil | | | | 733.70 | 733.70 |
| Old manila rope | 710.37 | | | | 710.37 |
| Paintings, oil | 5,314.25 | 1,431.19 | 2,082.95 | | 8,828.39 |
| Paper | 12,464.94 | 14,531.06 | 12,543.32 | 16,030.79 | 55,570.11 |
| Pease | | | 3,967.11 | | 3,967.11 |
| Piassava | 750.95 | 367.44 | | | 1,118.39 |
| Phosphate | 11,622.88 | 7,145.74 | 5,167.09 | 14,544.98 | 38,480.69 |
| Phosphate of lime | 1,449.46 | | | | 1,449.46 |
| Potash | 6,224.20 | | | | 6,224.20 |
| Potatoes | | | 67,494.03 | 55,220.51 | 122,714.54 |
| Rags | 9,935.83 | 4,966.97 | 3,850.58 | | 18,753.38 |
| Sardines | 10,308.32 | 3,690.74 | 2,786.55 | 185.96 | 16,971.57 |
| Seed: | | | | | |
| Bird | 6,811.81 | 1,422.57 | | | 8,234.38 |
| Beet-root | | | 11,570.15 | | 11,570.15 |
| Steel: | | | | | |
| Ingots | 1,685.35 | 574.57 | 749.69 | | 3,009.62 |
| Plates | 386.12 | | | | 386.12 |
| Beams, joists, etc | 2,703.94 | | 4,754.18 | 221.37 | 9,679.49 |
| Bars and rods | | 5,230.01 | | | 5,230.11 |
| Sugar, beet-root | 554,262.85 | 925,582.26 | 671,946.84 | 31,972.66 | 2,183,764.61 |
| Tar | 1,671.59 | 1,905.65 | 253.51 | 448.43 | 4,279.18 |
| Tiles, paving | 166.75 | 750.39 | 711.18 | 875.99 | 3,504.91 |
| Type metal | 6,119.57 | 12,324.86 | 2,745.63 | | 21,190.06 |
| Willows | 1,487.46 | 106.15 | 550.17 | | 2,143.78 |
| Wines and liquors | | 3,090.62 | | 1,067.73 | 4,158.35 |
| Wool | 1,469.98 | 10,068.06 | 7,713.80 | | 19,251.84 |
| Wool grease | 4,827.42 | 569.01 | 3,097.36 | 1,242.84 | 9,736.63 |
| Sundries | 6,691.35 | 24,304.00 | 41,913.49 | 16,761.64 | 89,670.68 |
| Total | 983,911.16 | 1,342,726.68 | 1,119,867.30 | 394,828.07 | 3,840,733.21 |
| BRUSSELS. | | | | | |
| Aniline colors | 4,036.36 | 5,786.63 | 9,281.19 | 4,201.64 | 23,305.82 |
| Braids and button stock | 8,539.15 | 4,628.28 | 7,925.32 | 4,317.69 | 25,410.45 |
| Cement | 93,515.58 | 70,673.06 | 47,568.41 | 149,213.62 | 360,970.67 |
| Church regalia and ornaments | 71.70 | 1,273.94 | 666.08 | 1,192.44 | 3,204.16 |
| Combs | 968.08 | 630.22 | 980.19 | 150.93 | 2,729.42 |
| Corsets | 75,797.01 | 75,019.22 | 59,893.81 | 64,636.02 | 275,346.06 |
| Furniture | | | 238.74 | 2,087.02 | 2,325.76 |
| Glass: | | | | | |
| Plate | 125,584.80 | 117,490.64 | 121,941.72 | 129,644.51 | 494,661.67 |
| Window | 21,239.98 | 18,553.48 | 19,763.50 | 24,897.80 | 84,454.76 |
| Gloves | 93,243.22 | 105,866.31 | 171,457.32 | 64,093.55 | 434,660.40 |
| Hats | 6,042.94 | 5,556.77 | 362.85 | 776.07 | 12,738.63 |
| Hatters' fur | 28,019.75 | 66,451.55 | 84,006.92 | 50,200.14 | 178,678.36 |
| Horses | | | | 5,983.00 | 5,983.00 |
| Lace goods | 63,833.77 | 43,049.73 | 62,771.86 | 28,423.34 | 198,078.70 |
| Leather | | | | 1,810.05 | 1,810.05 |
| Linen goods | 124,581.33 | 89,912.48 | 83,172.32 | 75,032.58 | 372,698.71 |
| Machinery | | | | 5,897.80 | 5,897.80 |
| Marble | 7,144.03 | 9,265.20 | 44,764.80 | 25,478.06 | 86,652.09 |
| Marble and granite | 902.85 | 3,666.66 | 7,344.91 | 7,075.32 | 18,989.74 |
| Medicinal plants | 1,088.33 | 3,669.03 | 457.41 | 981.50 | 6,196.27 |
| Musical instruments | 929.16 | 867.54 | | 838.30 | 2,635.00 |
| Oil paintings (works of art) | | 927.75 | 926.40 | 47.19 | 1,901.34 |
| Paper and books | 4,116.54 | 8,477.69 | 6,152.33 | 2,420.90 | 21,167.46 |
| Phosphates | | | 2,965.67 | 2,524.86 | 5,490.53 |
| Potatoes | | | 10,558.93 | | 10,558.93 |
| Rags | 1,783.51 | 52,289.49 | 12,594.21 | | 66,667.21 |
| Scales and weights | 459.39 | 190.59 | 106.69 | | 756.67 |
| Skins, rabbit, sheep, and other | 9,536.86 | 15,375.60 | 15,147.92 | 16,066.57 | 56,126.95 |
| Steel and iron | 6,528.30 | 3,933.17 | 2,466.55 | | 12,928.02 |
| Tiles | 1,560.75 | 182.48 | 287.38 | | 2,030.61 |
| Umbrella frames | 817.51 | 1,153.76 | 629.12 | 1,855.46 | 4,455.85 |
| Vegetable fibers | 3,810.01 | 4,322.14 | 5,609.54 | 2,557.50 | 16,299.19 |
| Wines | 455.67 | 543.68 | | 749.71 | 1,749.06 |
| Woolen goods | 707.10 | 160.84 | 122.00 | 174.22 | 1,164.16 |
| Sundries | 71,501.35 | 2,509.83 | 18,007.76 | 103,146.05 | 195,164.99 |
| Total | 756,815.03 | 712,427.76 | 748,171.86 | 776,473.84 | 2,993,888.49 |
| Total for 1892 | 726,778.39 | 624,312.66 | 642,739.11 | 575,590.66 | 2,569,420.82 |
| Increase | 30,036.64 | 88,117.10 | 105,332.75 | 200,883.18 | 424,467.67 |

*Value of declared exports to the United States for the year ending June 30, 1893*—Con

| Articles. | Quarter ending— | | | | Tota |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| CHARLEROI. | | | | | |
| Cement | $17,104.24 | $12,122.30 | $29,829.50 | $82,510.54 | $141,56 |
| Earthenware | 7,006.41 | | | 4,152.24 | 11,15 |
| Glass: | | | | | |
| Plate | 16,706.85 | 8,414.10 | 25,922.08 | 62,264.31 | 113,30 |
| Window | 357,380.44 | 324,807.50 | 224,142.86 | 269,897.64 | 1,176,22 |
| Iron | | 2,026.66 | | | 2,02 |
| Marble | 15,684.18 | 5,940.58 | 14,405.46 | 14,516.99 | 50,54 |
| Naphthaline | | | 2,169.08 | 1,801.07 | 3,97 |
| Steel | | 7,258.73 | 1,411.69 | | 8,67 |
| Sundries | 1,148.64 | 4,549.11 | 2,602.33 | 2,552.60 | 10,85 |
| Total | 415,030.76 | 365,118.98 | 300,483.00 | 437,695.45 | 1,518,32 |
| Total for preceding year | 493,771.11 | 458,939.65 | 358,162.65 | 398,054.40 | 1,709,52 |
| Decrease | 78,740.35 | 93,820.67 | 57,679.65 | | 191,19 |
| Increase | | | | 39,041.05 | |
| GHENT. | | | | | |
| Acorns | | | 1,616.30 | 600.00 | 2,21 |
| Baskets | 3,283.44 | 1,642.33 | 335.99 | 791.43 | 6,05 |
| Braids, silk | 290.55 | 6,214.60 | 1,746.23 | 490.34 | 8,74 |
| Cement | 1,828.50 | 1,988.35 | | 7,537.83 | 11,35 |
| Chicory, granulated | 1,670.39 | 939.23 | 3,127.68 | 1,852.65 | 7,58 |
| Chicory, raw root | 10,032.31 | 43,218.99 | 36,146.15 | 17,574.45 | 106,97 |
| Crochet cotton | | 215.20 | 1,759.79 | 2,375.66 | 4,35 |
| Flax and low | 14,507.63 | 50,774.38 | 35,224.44 | 37,966.78 | 138,47 |
| Hair, human | 4,298.00 | 4,459.00 | | | 4,75 |
| Hides and hair, cow | | 471.56 | 465.65 | | 93 |
| Horses, breeding | | 2,660.00 | 2,900.00 | | 5,56 |
| Lace | 6,485.27 | 7,155.76 | 10,951.60 | 7,792.63 | 32,38 |
| Machinery | 375.00 | | | | 37 |
| Manufactured goods | 50,081.99 | 56,837.80 | 58,985.78 | 19,404.23 | 185,30 |
| Marble | 126.62 | 728.23 | 1,329.40 | 1,070.80 | 3,25 |
| Oil | | | 2,464.33 | 158.26 | 2,62 |
| Orchestrion | | | 180.00 | | 18 |
| Paintings, oil | 370.00 | | | | 37 |
| Paper stock | 143,207.73 | 260,347.28 | 343,308.53 | 75,598.64 | 822,46 |
| Plants | 27,692.47 | 34,361.94 | 11,064.02 | 19,271.32 | 92,38 |
| Rabbit skins and hair | 47,196.68 | 22,814.56 | 50,311.07 | 47,000.79 | 167,32 |
| Regalia, church | | 303.00 | | | 30 |
| Rope and cordage | | | 1,203.15 | 410.75 | 1,61 |
| Thread, sewing | 198.78 | | 265.60 | | 46 |
| Wines | 253.20 | 647.90 | | 250.05 | 1,15 |
| Yarn, flax | 2,656.95 | 2,757.59 | | 851.63 | 6,26 |
| Total | 314,555.51 | 498,537.70 | 563,385.71 | 240,998.24 | 1,617,47 |
| VERVIERS AND LIEGE. | | | | | |
| Car wheels | 3,216.97 | 468.92 | 550.02 | 1,274.58 | 5,51 |
| Fancy goods | 587.34 | 1,869.12 | | 1,877.91 | 4,33 |
| Firearms | 224,957.48 | 76,466.70 | 98,361.38 | 221,122.40 | 620,90 |
| Galvanic batteries | | 144.75 | | 144.75 | 28 |
| Glassware | 36,774.48 | 33,044.58 | 37,715.48 | 41,160.14 | 148,69 |
| Indigo | 13,909.83 | 3,468.78 | 4,733.85 | 832.16 | 22,94 |
| Lamps | | 1,121.63 | 1,681.24 | 373.97 | 3,17 |
| Card clothing | 1,439.91 | 2,148.57 | 76.09 | 165.62 | 3,83 |
| Machinery | 3,740.53 | 15,301.15 | 352.88 | 477.28 | 19,87 |
| Hair | | | | 164.58 | 16 |
| Arsenic | 1,398.15 | | | | 1,39 |
| Books | | | | 425.78 | 42 |
| Paper | 1,680.54 | 1,358.34 | 1,582.16 | 909.32 | 5,53 |
| Paper tubes | | | 151.87 | 245.87 | 39 |
| Potters' clay and earthenware | | 2,374.75 | 160.82 | | 2,53 |
| Pictures | | | | 154.40 | 15 |
| Potatoes | | | 3,821.40 | 6,194.40 | 10,01 |
| Razor hones | 1,158.35 | 1,963.59 | 2,594.38 | 1,918.46 | 7,63 |
| Salted sheeps kins | 72,265.58 | 46,956.44 | 39,134.34 | 67,352.45 | 225,70 |
| Superphosphate | | | 8,024.84 | | 8,02 |
| Straw goods | 1,472.01 | 2,344.95 | 1,500.44 | 958.82 | 6,27 |
| Wine | | 228.51 | 42.27 | | 27 |
| Electric lamps | 275.03 | | | | 27 |
| Woolen goods | 89,909.34 | 261,672.19 | 114,445.45 | 118,812.32 | 584,83 |
| Zinc | 11,307.94 | 15,076.36 | 9,145.96 | 10,417.62 | 45,94 |
| Miscellaneous | 1,431.80 | 2,009.79 | 3,105.83 | 3,139.58 | 9,68 |
| Total | 465,525.28 | 468,019.12 | 327,180.70 | 478,122.41 | 1,738,84 |
| Total for preceding year | 713,966.13 | 650,271.43 | 254,200.03 | 400,717.55 | 2,019,15 |
| Increase | | | 72,980.67 | 77,404.86 | 280,30 |
| Decrease | 248,440.85 | 182,252.31 | | | |

## OSTEND.

### THE PORT OF OSTEND.

For nearly a century able engineers have been devising and executing plans for the improvement of this port, and yet to-day it is in certain respects inferior to what it was in 1801 when the engineer, Beautemp-Beaupré, made a chart of it.

An immense bank of sand called the Stroombank, 12 miles in length, lies before Ostend at a distance of 1 mile. As is claimed, this bank is to some extent a protection to the inferior harbor against the violence of the elements, but it is also the fatal obstacle forever destroying any possibility for Ostend to become a great port. At the time Beautemp-Beaupré made his chart the Stroombank was of much smaller extent and its eastern extremity was at a considerable distance from the shore, permitting the easy circulation of the tide currents and giving depths of 8 to 9 meters.

Since that time the Stroombank has been extending eastward at the alarming rate of 145,000 cubic meters of deposit per annum, until now it is practically joined to the coast, effectually closing the port at this point which formerly afforded easy access. A very serious result of this has been the gradual silting up of the inner harbor which is fatal to the port. This briefly tells the story. It only remains to describe the works executed and contrivances employed in combating nature in the effort to obtain artificial depths.

Directly opposite Ostend the depths at low tide over the Stroombank in many places do not exceed 1 to 2 meters. The passage from the large or outer roadstead into the small or interior roadstead is at the western extremity where there are natural depressions of 4 to 4½ meters in some places, but previous to the year 1890 the average depths at low tide in this passage were only 3 to 4 meters. By dragging, these depths have been recently increased to 4½ to 5 meters at low-water spring tides, and the pass has been widened to about 500 meters. These facts have been furnished to me by Mr. A. Vierendeel, official engineer of the province of West Flanders, in which Ostend is situated.

Large ships can pass the Stroombank only at high tide and are obliged to await in the outer roadstead a favorable moment for traversing the sand bank and proceeding into the port. But unfortunately the outer roadstead affords neither shelter nor a suitable bottom for the anchorage of vessels in stormy weather. Several competent engineers, among whom I may mention Mr. Jean Cousin, of Brussels, and Mr. de Maere-Limnander, of Ghent, have informed me that it is impossible to create the necessary protection because of, first, the enormous cost, and second, the serious disturbance which would result in the régime of the currents prevailing along that part of the coast. These are therefore my reasons for having previously reported that the entrance to the port of Ostend presented difficulties which should have the careful attention of our mariners.

To combat the constant silting of the inner harbor a system of chasses is employed. At frequent intervals a body of water being confined on the shore side is suddenly released in the direction of the channel followed by vessels through the inner harbor. The object is to expel from the channel the deposit which is constantly collecting. By this extraordinary method and by unceasing dragging they have obtained fair depths, permitting the entrance at high water of vessels measuring even 1,000 tons Moorson. But the futility of such operations is clearly proved by the inclosed official report recently made to the Belgian Government by Lieutenant de Vaissau Petit, especially detailed to make an investigation of the question.

This report and that made in 1890 by a special commission appointed by the Belgian Government, and copy of which signed by Mr. T. Lamal, president, and Mr. P. De Mey, engineer at Ostend, both emphasize the necessity of heroic measures for the preservation of the port of Ostend, suggesting that the existing pass through the western extremity of the Stroombank be deepened, and that the eastern extremity be opened up, thus reestablishing the original condition of things at that point. The latter work would involve the removal, according to the estimate of Lieut. Petit, of from 11,000,000 to 12,000,000 cubic meters of deposit, or, according to some authorities, of at least 15,000,000 cubic meters.

The majority of the engineers with whom I have conversed express the opinion that all the measures suggested can accomplish little or nothing more than the preservation of the port and prevent its decline into an insignificant harbor for fishing boats, and they are unanimous in declaring that Ostend can never become a great port. My assertions concerning the port of Ostend, contained in a former report, are therefore absolutely correct.

The above report is sent in vindication of the statements concerning the port of Ostend which I made in a former report, and which have been publicly criticised by the Chamber of Commerce of Ostend, as will be seen by the inclosed article, published November 30, 1893, in the Shipping Gazette and Lloyd's List, London.

JOHN B. OSBORNE,
*Consul.*

GHENT, BELGIUM, *December 20, 1893.*

[Inclosures in Consul Osborne's report.—Inclosure No. 1.]

[From the Shipping Gazette and Lloyd's List, London.]

PORT OF OSTEND.

*To the editor:*

SIR: Your issue of the 15th instant contains an extract from the last report sent by the U. S. consul at Ghent (Belgium), to his Government. The report we must take notice of because it is manifestly incorrect and does not express the truth as regards the port of Ostend. We have, therefore, addressed a letter to the U. S. consul at Ghent protesting against his erroneous allegations, and we have the honor to send you a copy. We hope that you will be good enough to give to our protest the same publicity in your paper as that accorded to the extract from the report of the U. S. consul at Ghent.

Yours, etc.,

AUG. VAN IMSCHOOT,
*President, Ostend Chamber of Commerce.*
ALB. BOUCHERY,
*Secretary.*

[Translation.]

OSTEND, *November 21, 1893.*

*To the U. S. Consul, Ghent:*

SIR. In the last report addressed to your Government you call attention to the new port which it is under consideration to construct on the Belgian coast, at Heyst, and to the canal destined to unite it with Bruges. In your considerations you set forth the superiority which the new port will have over all existing Belgian ports. Antwerp and Ghent, you say, are both dependent on Holland, and Ostend can never become a great port, for the entrance is difficult and there is not sufficient water, while the others are mere harbors for local fishing boats.

The principal shipping and commercial newspaper of England, the Shipping Gazette and Lloyd's List, having reproduced, on the 15th instant, this part of your report, it becomes our duty to protest, as far as concerns Ostend, against such incorrect assertions, which may be prejudicial to us.

As regards the access to the port of Ostend, it is recognized to-day that it is among the easiest and it is absolutely secure for navigation, and that this access has become particularly easy since a channel has been made on the west side of the Stroombank. This channel has at the present time a depth of more than 5 meters at low water, and this depth will be increased to 6 meters and more.

Before the commission charged with the examination of the projects for the port to be constructed at Heyst the inspector-general of bridges and highways, De Raeve, declared "that since the Ostend channel was enlarged and deepened, say since 1889, sailors and vessels of all kinds near the port under all circumstances, in the worst of weather,* and that not a single case of damage has occurred. According to the confession of everyone in the trade the entrance has become very easy." These words have been confirmed by M. Verbrugghe, the director of marine, who has added "that Ostend, sheltered by the Stroombank, will always have an immense advantage over the port to be constructed at Heyst, at the front of which no natural shelter exists."

All the captains of English, French, German, and other ships who frequented the port of Ostend during the severe winter of 1890 have forwarded statements attesting the perfect accessibility of the port and its absolute security for navigation.

Your assertion as to the want of water is also not exact. In fact, at the entrance of the channel there is at the present time a depth of 5·60 to 6 meters at low-water spring tides. At high-water spring tide there are 9 to 11 meters, and at high-water neap tide 8·50 to 9 meters, according to the direction of the wind. It follows, therefore, that at high water the port of Ostend is accessible to the largest merchant ships. It is only necessary to go over the list of vessels entered during the last few years to be convinced of this.

The port stands so well at the present time that vessels have just been chartered direct from Chile to Ostend with nitrate of soda. Ostend only requires some more complete interior installations to make it a port of the first order. * * *

We are, sir, yours faithfully,

AUG. VAN IMSCHOOT,
*President.*
ALB. BOUCHERY,
*Secretary.*

*As in the printed copy.

[Inclosure No. 2—Translation.]

*Official report of special commission appointed by Belgian Government to examine ports of Ostend and Heyst.*

CONCLUSIONS.

The committee has finally resumed in the following terms the results of the comparative examination which it has made of the two solutions under discussion.

The topography of Heyst, where over the plateau "Het Zand" there is a depth of 6·20 meters at low-water spring tides, is very well adapted to the creation of a port which would be accessible in all kinds of weather at low tide to vessels drawing 5 meters.

This port could be made in a way to comply with all technical and commercial requirements.

The existing conditions of accessibility of the port of Ostend are far from being as favorable as the natural conditions at Heyst. Not only the large ships of commerce can not traverse the stroombank except at high tide, but the inner harbor of Ostend is in a critical state by reason of the raising from deposits at the east of the meridian of Mariakerke-sur-Mer.

The committee does not see any other means of improving the conditions of access to the port of Ostend than those recommended by Mr. De Mey. The excavation of two passes across the stroombank, one at the east and the other at the west of Ostend, is a thing which is practicable. We can be confident that the reopening of the passage at the eastern extremity of the stroombank will at least have the effect of stopping the silting up of the small harbor, and that furthermore the small passage at the west can be excavated to the depth of 6 meters below low tide, corresponding to the highest bottom of the western portion of the small roadstead of Ostend.

But it is only after an experience of a certain duration that one can know if these works will be sufficient to create at Ostend a depth equivalent to that which exists at Heyst, and if this depth can be maintained properly without too great expense.

In this uncertainty, and if the Government is disposed to give immediate satisfaction to the city of Bruges without stopping at this consideration that one more port to be maintained would thus be created, the preference ought to be accorded to the project of a maritime waterway to Heyst.

The committee announces that whatever may be the solution accepted in any case, the small harbor at Ostend should be improved, and it considers that the works to be executed to this end must be commenced without delay.

This conclusion has been adopted unanimously with the exception of one vote.

The president:

T. LAMAL.

The reporter:

P. DE MEY.

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[Inclosure No. 3—Translation.]

*Official report of Lieutenant Petit.*

In order to combat and retard the silting up of the small roadstead, it seems to me urgent to abandon the system of chasses, and to make use of the drag only for the maintenance of the depths in the outer and inner roadstead.

The "chasses" are insufficient, for they alone can not maintain the port at the proper depth, especially when the channel between the estacades is enlarged by means of the drag. They are injurious for they silt up the small harbor. They are a permanent danger for the vessels moored at the quay, and constantly interfere with maneuvering in the port. They would be necessarily suppressed if steam navigation was a little more active, because entrance to the port could not be forbidden to vessels which, after high tide, taking advantage of the amelioration of the depths in the channel, would come and anchor or become stranded in the rear port while awaiting the following tide, which would enable them to enter the basins. In winter, especially, a vessel having the port before her does not need to preoccupy herself if she enters during the period of the "chasses."

I believe that it is an expensive and irrational system to drive mud into the harbor, and to be obliged some day to drive it out at great expense.

At this moment the depth is almost the same in the small harbor as at the entrance to the estacades. The former raising, is it not to be feared that the 5·50 meters to 5·90 meters which exist at the entrance to the channel can not be maintained.

* * * * * * *

I estimate that at this moment there are 11,000,000 to 12,000,000 cubic meters to be dragged in order to clean the small harbor. I do not believe that this evaluation is exaggerated, in view of the 600,000 cubic meters dragged from 1880 to 1884 in

the effort to lower the old bar to the measurement of 6 meters, and a part of the north channel to that of 4½ meters.

* * * * * * *

I have never been an advocate of the "chasses" carried to extreme. To-day, instructed by facts acquired and by experience, I declare myself a determined adversary of them.

I am certain that the chasses are injurious, because the depth which they give in the channel is to the detriment of the harbor.

To act in this way seems to me to be the more dangerous, inasmuch as it is in no sense proved that even at the cost of millions the silting can be overcome if there is too much delay.

The surfaces to be dragged are too extensive and the weather too uncertain on our coasts to give a sufficient number of working days.

This is a factor of which the importance must not be lost sight. Dragging for twenty-four hours only to see the work stopped by bad weather lasting weeks, will not be a rare event, especially in winter time. This forced idleness will involve the loss of what has been gained in several days of labor.

In the course of our hydrographic operations, which require likewise a tranquil sea, we have, to our expense, often recognized this troublesome and considerable influence of the variability of the state of the sea on our coast.

The Lieutenant de Vaisseau of the First Class:

W. PETIT.

ANTWERP, *January 17, 1890.*

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[Inclosure No. 4—Translation.]

*Letter to consul from Mr. A. Visart, mayor of Bruges.*

BRUGES, *December 9, 1893.*

MR. CONSUL:

DEAR SIR: I believe that I say something of public notoriety and recognized by the most competent men in declaring that this port (Ostend), by reason of the banks of sand which render its access difficult to large vessels, the constraint of the tide, and the lack of depth and extent of the small roadstead where it disembogues, can not, even if the interior equipments were transformed, be regularly used by transatlantic navigation, nor fill the rôle of a calling-port of which the necessity on the coast of Belgium has been admitted.

In order to permit you to judge for yourself, if the opinion which I express is well founded, I can not do better, I believe, than to send you a report accompanied by a chart and several profiles of the small roadstead of Ostend, recently executed by the lamented Mr. Petit, chief of the hydrographic service, who has terminated his career by this important work. I will have these documents reproduced by photography as soon as a bright day will permit it and will have the honor to send them to you. On examining these plans, which are of a minute exactness, it is difficult not to acquire the conviction that the port of Ostend can never be put in the conditions necessary for navigation on a large scale and as a calling port. It is because we have this conviction that we ask that the future *avan-tport* of Bruges be established at a point on the coast where the easiest access and greatest depths are found.

Yours, very respectfully,

AMEDÉE VISART,
*Mayor of Bruges.*

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[Inclosure No. 5—Translation.]

*Letter to consul from Mr. de Maere-Limnander, of Ghent.*

GHENT, *November 23, 1893.*

DEAR SIR: I hasten to send you a chart of the Belgian coast. You will see by it that Ostend can never become a great port, because Ostend is built on a submarine hill, very elevated, as the shores in the neighborhood of the town indicate on the chart which I send you; and furthermore, because at a short distance before Ostend there extends an enormous bank of sand called the Stroombank, which at low tide gives a depth of only 1 to 2 and 3 meters.

Therefore, until the last few years, when in order to deepen the entrance channel between the estacades, they had recourse to the "chasses," greater depths than 2½ to 3 meters could not be obtained, as is proved by the official reports of the time.

But since some time dragging has been carried on, not only at the entrance to the estacades, of which the width has been increased from 70 to 150 meters, but even in the open sea, and if my information is exact, across the Stroombank.

Hundreds and hundreds of thousands of francs are annually expended on these works in order to please the Government which has taken an affection for Ostend.

By means of these works of constant dragging, lasting the entire year, it is evident that the old state of things has been improved, and that the depths of 2 to 3 meters produced by the chasses have been increased by the drags to 5 meters; but if ever for one cause or another these dragging operations, ruinous for the country, must cease, nature will regain her rights, and all the passages artificially excavated to-day will immediately collapse.

Ostend is therefore a port of such character that maintained at the cost of millions it is a kind of doll with which they play, and to amuse themselves dress up in fine clothes.

If any other information can be of service to you I am at your disposal.

DE MAERE-LIMNANDER.

JOHN B. OSBORNE,
*U. S. Consul at Ghent.*

# DENMARK.

*Statement showing the declared exports from Copenhagen during the year ended June 30, 1893.*

| Article. | Quarter ending— | | | |
|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. |
| Beer | | | $300.00 | $935.77 |
| Books | $2,740.57 | $637.39 | 1,130.00 | 310.82 |
| Brass ware | | | 115.00 | |
| Brandy | | | 730.00 | 310.82 |
| Cabbage | | 6,845.22 | 4,200.00 | |
| Carrots | | 50.00 | | |
| Cement | | | 725.00 | 4,959.34 |
| Chalk | 3,090.38 | | | 650.48 |
| China ware | | | 110.00 | |
| Cocoa liquor | | | | 241.20 |
| Diamonds | | | 2,410.00 | |
| Furniture | 134.34 | | | |
| Flint stones | 534.66 | 509.37 | 65.00 | 553.65 |
| Fish products | 300.16 | 227.71 | | |
| Glue | 829.78 | 373.39 | | 1,849.20 |
| Hair, human | 1,151.91 | 550.00 | 665.00 | |
| Leather goods | | 191.86 | | |
| Machinery | 138.33 | 703.25 | | 321.60 |
| Music | 314.83 | 480.60 | 150.00 | |
| Medals | | | 220.00 | 1,903.00 |
| Patterns | | | | 22.51 |
| Potatoes | | 50.00 | | |
| Piano | 114.40 | | | |
| Porcelain | 3,934.20 | | 1,230.00 | 3,498.20 |
| Paper | 725.34 | | | |
| Photo paper | | | 89.00 | |
| Rags | 2,941.48 | | | |
| Rapeseed oil | 3,080.35 | | 15,373.00 | 305.25 |
| Rennet, extract | 4,282.12 | | 25,228.00 | 32,859.34 |
| Riggings, ships' | 753.05 | | | 751.74 |
| Ropes (old) | 2,445.81 | | 900.00 | 711.10 |
| Skins: | | | | |
| Cow | 2,529.60 | 2,756.08 | | 1,313.00 |
| Lamb— | | | | |
| Dressed | 6,291.60 | 4,676.92 | 1,945.00 | 2,273.00 |
| Undressed | | | 340.00 | |
| Calf | | | 13,613.00 | |
| Sewing machines | 653.45 | | 1,131.00 | 560.14 |
| Silverware | 6,081.64 | 4,341.90 | 1,098.00 | |
| Seeds: | | | | |
| Cauliflower | | 4,728.20 | 5,260.00 | 360.73 |
| Grass | | | | 357.20 |
| Soda water | | | | 60.00 |
| Shoes, old rubber | | | | 633.80 |
| Spirits | | 34.26 | | |
| Syrup of fruits | 325.67 | | | 941.87 |
| Terra cotta | 254.07 | 152.75 | | |
| Wax work | | 19.51 | | |
| Wine | 130.73 | | | |
| Wool | 3,951.86 | 3,345.42 | | 1,918.32 |
| Yeast culture | 32.16 | | 22.00 | 53.60 |
| Total | 44,262.48 | 43,281.78 | 76,049.00 | 58,650.42 |

ORLANDO H. BAKER,
*Consul.*

# FRANCE.

(FOREIGN COMMERCE OF FRANCE FOR 1892 AND THE FIRST NINE MONTHS OF 1893.)

The annual reports of the foreign commerce of France for 1892 have recently issued from the press.

These reports embody a vast amount of statistical information touching the commercial and maritime interests of the Republic. In these reports, imports and exports are each subclassified under the two heads of "general commerce" and "special commerce." The former as applied to imports embraces all merchandise of whatever description entering France from other countries, from the colonies, and from the sea fisheries, whether by land or water, and whether intended for consumption in France, or for reexportation. The term "special commerce" as applied to imports embraces all merchandise exempt from duties, and also all merchandise subject to duties, withdrawn during the year for consumption, from the "entrepôts" upon the payment of such duties.

As regards exports, the term "general commerce" embraces merchandise of every description, whether of domestic or foreign origin, exported from France.

The term "special commerce" only embraces merchandise of internal origin, and that of foreign origin which has been admitted free of duty or has been nationalized by the payment of duties.

I have extracted from these reports the following information of special value to the commercial and manufacturing interests of the United States.

The grand total of general commerce for 1892 was 9,687,000,000 francs (equivalent to $1,869,591,000).

This was a decrease of 982,000,000 francs ($189,526,000) from the total for 1891 and of 263,000,000 francs ($50,759,000) from the average for the five years 1887–'91 inclusive.

The imports aggregated 5,136,000,000 francs ($991,248,000), a decline of 802,000,000 francs ($154,786,000) from the preceding year, and of 232,000,000 francs ($44,776,000) from the average for the five years 1887–'91 inclusive.

The exports aggregated 4,551,000,000 francs ($878,343,000), a falling off of 180,000,000 francs ($34,740,000) as compared with 1891, and of 31,000,000 francs ($5,983,000) from the average for the quinquennial period ending with that year.

The statistics of special commerce for 1892 are as follows: Imports, 4,188,000,000 francs ($808,284,000); exports, 3,461,000,000 francs ($667,973,000); total, 7,649,000,000 francs ($1,476,257,000). This was a decrease from 1891 of 689,000,000 francs ($132,977,000), of which 580,000,000 francs ($111,940,000) was on imports, and 109,000,000 francs ($21,037,000) on exports.

The decline in these figures is due not so much to a diminution in the actual volume of foreign commerce as to the reduction in the rates of valuation decreed in 1892 by the permanent commission of values of the customs department.

The following shows the average annual movement of French commerce during the three quinquennial periods 1878–'82, 1883–'87, and 1888–'92, respectively, inclusive:

GENERAL COMMERCE.

| Period. | Imports. | Exports. |
|---|---|---|
| Average— | | |
| 1878–'82 | $1,109,344,700 | $867,785,000 |
| 1883–'87 | 1,008,039,000 | 819,092,000 |
| 1888–'92 | 1,043,358,000 | 896,427,000 |

SPECIAL COMMERCE.

| | | |
|---|---|---|
| Average — | | |
| 1878–'82 | $906,694,700 | $656,759,700 |
| 1883–'87 | 828,701,300 | 627,944,800 |
| 1888–'92 | 842,116,900 | 684,571,000 |

Of the aggregate foreign commerce for 1892 the value of $1,312,264,900 was transported by sea and $557,364,700 by land.

Of the merchandise transported by sea the value of $635,356,000 was carried in French vessels and $677,044,000 in the vessels of other nations.

The following shows the foreign commerce (imports and exports combined) of France for 1892, by countries:

GENERAL COMMERCE.

| Country. | 1891. | 1892. |
|---|---|---|
| | *Francs.* | *Francs.* |
| Great Britain | 1,978,200,000 | 1,931,700,000 |
| Belgium | 1,180,700,000 | 1,034,800,000 |
| United States | 926,200,000 | 865,500,000 |
| Germany | 862,700,000 | 826,400,000 |
| Switzerland | 731,500,000 | 689,800,000 |
| Spain | 743,700,000 | 552,200,000 |
| Algeria | 411,700,000 | 410,500,000 |
| Italy | 409,700,000 | 408,300,000 |
| Turkey | 251,100,000 | 256,400,000 |
| Brazil | 251,000,000 | 253,300,000 |
| Argentine Republic | 265,700,000 | 250,900,000 |
| British India | 309,900,000 | 233,600,000 |
| Russia | 294,300,000 | 198,700,000 |
| China | 146,200,000 | 164,700,000 |
| Japan | 123,900,000 | 132,500,000 |
| Netherlands | 115,100,000 | 119,900,000 |
| Austria | 159,700,000 | 88,300,000 |
| Chile | 76,900,000 | 84,700,000 |
| Haiti | 80,300,000 | 68,900,000 |
| Egypt | 78,800,000 | 68,500,000 |
| Australia | 95,000,000 | 65,700,000 |
| Senegal and French establishments of Gulf of Guinea | 48,900,000 | 58,100,000 |
| Tunis | 69,000,000 | 56,400,000 |
| Sweden | 87,000,000 | 50,300,000 |
| Roumania | 63,900,000 | 48,100,000 |
| Republic of Colombia | 70,900,000 | 47,600,000 |
| Mexico | 54,200,000 | 45,300,000 |
| Greece | 68,600,000 | 44,000,000 |
| Uruguay | 54,900,000 | 39,200,000 |
| Dutch Indies | 34,800,000 | 38,800,000 |
| Venezuela | 47,300,000 | 38,400,000 |
| Guadaloupe | 27,800,000 | 37,100,000 |
| Regency of Tripoli and Morocco | 37,300,000 | 36,300,000 |
| Norway | 50,900,000 | 34,800,000 |
| Martinique | 43,900,000 | 33,900,000 |
| Portugal | 45,900,000 | 32,400,000 |
| St. Pierre and Miquelon and Grande Pêche | 33,200,000 | 31,600,000 |
| Ile de la Réunion | 30,200,000 | 29,800,000 |
| British Possessions in Africa | 36,800,000 | 29,000,000 |
| Other countries of Africa | 25,500,000 | 26,100,000 |
| Denmark | 22,400,000 | 24,000,000 |
| Spanish colonies of America | 24,700,000 | 23,600,000 |
| French Indo-China | 22,300,000 | 23,500,000 |
| French Possessions in India | 17,600,000 | 20,400,000 |
| West coast of Africa | 23,600,000 | 17,500,000 |
| French establishments in Oceanica | 15,800,000 | 16,900,000 |
| British colonies in America | 17,700,000 | 15,700,000 |
| Peru | 17,600,000 | 14,100,000 |
| French Guiana | 8,300,000 | 10,600,000 |
| Ecuador | 8,000,000 | 8,900,000 |
| Philippines | 7,500,000 | 8,600,000 |
| St. Thomas | 13,000,000 | 7,600,000 |
| Guatemala | 7,000,000 | 7,500,000 |
| British Possessions in the Mediterranean | 6,800,000 | 5,600,000 |
| Other islands of Oceanica | 4,500,000 | 3,900,000 |
| Mayotte, Noesi-Bé, and Ste. Marie de Madagascar | 2,700,000 | 2,500,000 |
| Dutch colonies in America | 500,000 | 1,900,000 |
| Kingdom of Siam | 500,000 | 800,000 |
| Bolivia | 700,000 | 400,000 |
| Wrecks and salvage | 200,000 | 300,000 |
| Coal for use of steamships | 11,100,000 | 10,400,000 |
| Total | 10,668,800,000 | 9,687,200,000 |

SPECIAL COMMERCE.

| | | |
|---|---|---|
| Great Britain | 1,601,600,000 | 1,557,400,000 |
| Belgium | 986,900,000 | 890,500,000 |
| United States | 733,900,000 | 773,600,000 |
| Germany | 730,400,000 | 692,800,000 |
| Spain | 592,700,000 | 412,100,000 |
| Algeria | 393,800,000 | 384,900,000 |
| Switzerland | 338,200,000 | 319,900,000 |
| Italy | 249,100,000 | 265,000,000 |

SPECIAL COMMERCE—Continued.

| Country. | 1891. | 1892. |
|---|---|---|
| | *Francs.* | *Francs.* |
| Argentine Republic | 250,400,000 | 239,700,000 |
| British India | 259,300,000 | 213,200,000 |
| Russia | 225,500,000 | 178,100,000 |
| Turkey | 178,900,000 | 176,400,000 |
| Brazil | 186,700,000 | 152,100,000 |
| China | 106,100,000 | 138,400,000 |
| Netherlands | 84,900,000 | 86,500,000 |
| Japan | 97,500,000 | 85,000,000 |
| Chile | 69,400,000 | 79,400,000 |
| Austria | 149,700,000 | 78,600,000 |
| Australia | 70,200,000 | 60,800,000 |
| Egypt | 64,400,000 | 53,600,000 |
| Hayti | 57,900,000 | 47,900,000 |
| Senegal and French establishments of Gulf of Guinea | 34,800,000 | 44,800,000 |
| Roumania | 48,600,000 | 44,600,000 |
| Sweden | 83,600,000 | 44,300,000 |
| Tunis | 54,500,000 | 43,600,000 |
| Greece | 47,600,000 | 36,500,000 |
| Uruguay | 49,700,000 | 35,600,000 |
| Dutch Indies | 33,800,000 | 34,600,000 |
| Norway | 50,200,000 | 34,100,000 |
| Guadeloupe | 23,800,000 | 31,400,000 |
| Republic of Colombia (New Grenada) | 46,700,000 | 30,900,000 |
| Mexico | 34,000,000 | 30,800,000 |
| Martinique | 37,400,000 | 30,200,000 |
| Saint-Pierre and Miquelon and Grande Pêche | 31,600,000 | 29,600,000 |
| Regency of Tripoli and Morocco | 30,700,000 | 26,400,000 |
| Ile de la Réunion | 23,800,000 | 24,600,000 |
| Venezuela | 29,800,000 | 24,300,000 |
| Denmark | 21,600,000 | 22,200,000 |
| Portugal | 33,100,000 | 21,900,000 |
| French Indo-China | 29,900,000 | 20,800,000 |
| French Possessions in India | 13,500,000 | 17,900,000 |
| Other countries of Africa | 15,700,000 | 16,000,000 |
| French establishments in Oceanica | 14,000,000 | 15,300,000 |
| Spanish colonies America | 15,000,000 | 15,100,000 |
| British Possessions in Africa | 22,400,000 | 14,700,000 |
| British colonies in America | 15,400,000 | 14,100,000 |
| West coast of Africa | 17,300,000 | 13,100,000 |
| Peru | 15,400,000 | 11,600,000 |
| French Guiana | 6,600,000 | 8,800,000 |
| Saint Thomas | 8,300,000 | 5,600,000 |
| Other islands of Oceanica | 4,500,000 | 3,700,000 |
| Guatemala | 4,600,000 | 3,500,000 |
| British Possessions in the Mediterranean | 3,700,000 | 3,500,000 |
| Philippines | 3,800,000 | 3,200,000 |
| Mayotte, Nossi-Bé, and Ste. Marie de Madagascar | 1,400,000 | 2,200,000 |
| Ecuador | 2,300,000 | 1,700,000 |
| Dutch colonies in America | 300,000 | 300,000 |
| Bolivia | 500,000 | 300,000 |
| Wrecks and Salvage | 200,000 | 300,000 |
| Kingdom of Siam | 200,000 | 200,000 |
| Total | 8,337,800,000 | 7,648,700,000 |

TRADE WITH THE UNITED STATES.

Commodities are classified under three heads: "Foodstuffs," "materials necessary to industry and "manufactured articles."

The following shows the total commerce with all countries in each of these classes of articles for 1892:

| Description. | General commerce. | | Special commerce. | |
|---|---|---|---|---|
| | Imports. | Exports. | Imports. | Exports. |
| Foodstuffs | $316,906,000 | $205,545,000 | $270,200,000 | $146,487,000 |
| Crude materials | 457,410,000 | 196,281,000 | 419,889,000 | 158,839,000 |
| Manufactured goods | 216,932,000 | 476,517,000 | 118,695,000 | 362,647,000 |
| Total | 991,248,000 | 878,343,000 | 808,284,000 | 667,973,000 |

The total weight of merchandise of every description entered in the entrepots in 1892 amounted to 2,708,398 tons of 2,000 pounds; the total value of the same being

$128,345,000. This was a diminution of 783,304 tons and $25,283,000 from the preceding year.

The following shows the general and special commerce between France and the United States, by years, from 1887 to 1892, inclusive:

| Year. | General commerce. | | Special commerce. | |
|---|---|---|---|---|
| | Imports from the United States. | Exports to the United States. | Imports from the United States. | Exports to the United States. |
| 1887 | $65,890,200 | $77,450,900 | $62,725,000 | $52,360,900 |
| 1888 | 51,974,900 | 73,648,800 | 47,844,700 | 49,350,100 |
| 1889 | 61,779,300 | 78,165,000 | 59,212,400 | 52,785,500 |
| 1890 | 65,427,006 | 91,482,000 | 61,258,200 | 63,458,400 |
| 1891 | 106,883,400 | 71,873,200 | 93,855,900 | 47,786,800 |
| 1892 | 99,838,900 | 67,202,600 | 102,965,500 | 46,339,300 |

The total imports from the United States in 1892 showed a falling off of $7,044,500 as compared with 1891, and the exports to the United States a falling off of $4,670,600 as compared with the same year.

*Value of imports from the United States withdrawn from the "entrepots" for consumption during 1892, and the amount of duties collected on the same.*

| Articles. | Value. | Duties collected. |
|---|---|---|
| Cereals, grain and flour | $45,214,457 | $6,462,444 |
| Cotton, raw | 31,543,946 | ..... |
| Oils and essences of petroleum and schist | 5,849,854 | 7,632,796 |
| Tallow, grease, fat, etc., of all kinds, other than fish-oil | 4,047,013 | 185,754 |
| Tobacco, leaf or in stems | 3,844,312 | 7,190 |
| Coffee | 2,358,106 | 1,823,934 |
| Meat, fresh, salted, and preserved | 1,580,730 | 173,891 |
| Oils, fixed, pure | 920,291 | 85,750 |
| Wood, common | 825,821 | 110,953 |
| Machines and mechanical appliances | 907,434 | 59,910 |
| Copper, pure, of first fusion | 849,478 | ..... |
| Feathers, ornamental | 797,655 | ..... |
| Lobsters, preserved or prepared | 434,260 | 49,732 |
| Cocoa | 77,022 | 48,299 |
| Tools and works in metal | 296,224 | 31,590 |
| Hides, skins, and furs, raw | 323,312 | ..... |
| Oils, heavy, and residuum of petroleum | 232,171 | 146,783 |
| Molasses, for distilling purposes | 238,692 | 58,849 |
| Furniture and woodwork | 188,217 | 26,480 |
| Whale-blades, raw | 164,517 | ..... |
| Chemicals | 170,951 | 4,294 |
| Grain, for seed | 153,827 | 13,266 |
| Caoutchouc and gutta-percha, raw or remelted in blocks | 149,861 | ..... |
| Sponges of all kinds | 124,280 | 2,900 |
| Silk tissues, pure, plain | 114,740 | 2 |
| Hides and skins, prepared | 95,641 | 8,224 |
| Fruits, table | 99,823 | 16,676 |
| Oil cake | 81,627 | ..... |
| Wood, exotic | 79,757 | 6 |
| Paraffin | 44,267 | 7,435 |
| Liquors, distilled | 2,493 | 2,494 |
| Guts, fresh, dry, or salted | 14,372 | 1,150 |
| Paper, pasteboard, books, and engravings | 27,204 | 3,393 |
| Nickel (mineral) | 46,189 | ..... |
| Zinc, in crude blocks | 45,617 | ..... |
| Bristles | 42,017 | ..... |
| Other articles | 7,603 | 83,663 |
| Total | 102,959,726 | 17,036,866 |

*Value of exports of French products to the United States in 1892.*

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Tissues, trimmings, and ribbons of silk and silk waste | $10,989,325 | Perfumery | $266,528 |
| Tissues, trimmings, and ribbons of cotton | 1,406,662 | Fish, in brine or in oil | 266,434 |
| Tissues, trimmings, and ribbons of wool | 5,765,821 | Millstones | 279,333 |
| Manufactures of skins and of leather | 4,888,959 | Furniture of all kinds | 265,205 |
| Silk and waste silk | 545,392 | Olive oil | 90,753 |
| Fancy articles, lorgnettes, fans, buttons, etc | 1,968,356 | Cork, manufactured | 13,218 |
| Clocks, watches, etc | 233,432 | Vegetables, fresh, salted, prepared, or preserved | 192,450 |
| Hides and skins, raw | 1,682,786 | Extracts of dyewood | 192,530 |
| Wines | 1,787,433 | Brandy, spirits, and liquors | 182,491 |
| Ornamental feathers | 1,557,959 | Millinery goods | 167,613 |
| Wool | 977,004 | Rags | 141,013 |
| Hides and skins, prepared | 935,832 | Machines and mechanical appliances | 92,433 |
| Wearing apparel, costumes, underwear, etc | 870,928 | Prepared medicines | 122,444 |
| Pottery, glassware, etc | 596,557 | Thread of all kinds | 81,557 |
| Artificial flowers | 790,193 | Optical and scientific instruments | 105,093 |
| Crude tartar | 567,500 | Stones and earths for artistic and manufacturing purposes | 104,217 |
| Objects of collection, not merchandise | 697,044 | Fruits, preserved in sugar | 99,646 |
| Hair of all kinds | 576,277 | Manufactures of caoutchouc and gutta-percha | 99,146 |
| Whaleblades, cut or finished | 559,854 | Macaroni, semolina, etc | 3,378 |
| Paper, pasteboard, books, and engravings | 516,786 | Medicinal roots | 97,490 |
| Volatile oils or essences | 450,927 | Cheese | 85,791 |
| Musical instruments | 498,281 | Tresses or plaits of whitewood, of straw, bark, etc | 10,002 |
| Table fruits | 390,778 | Manganese (mineral) | 77,586 |
| Tools and manufactures of metal | 397,116 | Trees and plants | 74,874 |
| Imitation whalebone | 454,765 | Corsets | 74,770 |
| Glycerin | 322,009 | Meat, fresh, salted, or preserved | 59,039 |
| Furs, prepared and manufactured | 360,686 | Copper | 50,353 |
| Tissues, trimmings, and ribbons of linen or of hemp | 278,777 | Other articles | 1,831,718 |
| Caoutchouc and gutta-percha, raw or remelted in blocks | 269,918 | Total | 46,336,939 |

CUSTOMS REVENUE.

The revenue from customs duties in 1892 amounted to 430,778,221 francs ($83,140,197), an increase of 35,764,401 francs ($6,902,529) over the previous year.

THE BALANCE OF TRADE.

The administration of the customs undertook, in 1892, a careful investigation with a view of determining the value of foreign merchandise required for French consumption, and the value of French products available for exports, i. e., in excess of the domestic demand. The results were obtained by deducting the value of the imports from the value of exports of commodities of the same description, and *vice versa*.

The figures thus secured are as follows:

| | *Francs.* |
|---|---|
| Foreign merchandise necessary to French consumption (excess of imports over exports of similar merchandise) | 2,422,963,060 |
| Surplus of French production over domestic requirements (excess of exports over imports of similar merchandise) | 2,140,445,921 |
| Excess of imports | 282,517,136 |

In the above figures are not included the imports and exports of grains and other farinaceous food stuffs, which are as follows:

| | *Francs.* |
|---|---|
| Imports | 531,129,953 |
| Exports | 86,322,164 |
| Excess of imports | 444,807,789 |

Adding these figures to those previously given we have as the aggregate value of the imports of merchandise in excess of the value of exports required to meet French requirements (based on the returns of commerce for 1892)—in other words, the balance of trade against France—the sum of 727,324,928 francs, equivalent approximately to $140,410,217.

Notwithstanding this large adverse balance it is to be noted that the wealth of France increases year by year.

### THE FISHERIES.

The vessels engaged in the cod fisheries brought to France during 1892 cargoes aggregating 392,999 "quintaux métriques," equal to about 43,329 tons of 2,000 pounds.

The vessels engaged in the herring fisheries numbered 594, with a tonnage of 20,412, and crews aggregating 7,175 men. This was an increase of 36 vessels and 1,220 in tonnage over 1891.

The product of these fisheries aggregated 505,604 "quintaux métriques," or 15,096 tons over 1891.

### NAVIGATION.

The number of voyages made in 1892 under the French flag by loaded vessels, both sailing vessels and steamships, between France and other countries, including the colonies, and the fisheries was 46,940, the total tonnage of these vessels being estimated at 22,282,000. Compared with 1891, this was a diminution of 4,633 voyages and 2,853,000 in tonnage. Thirty-eight per cent of this tonnage was French, including 27 per cent of that under sail and 39 per cent of the steam tonnage.

The following shows the countries with which France sustained maritime relations in the order of their tonnage:

| Countries. | 1892. | 1891. | Countries. | 1892. | 1891. |
|---|---|---|---|---|---|
| | *Tonnage.* | *Tonnage.* | | *Tonnage.* | *Tonnage.* |
| Great Britain | 7,696,293 | 7,726,829 | Brazil | 242,275 | 309,941 |
| Algeria | 2,510,195 | 2,490,630 | United States (Pacific Ocean) | 218,778 | 295,288 |
| Spain | 1,561,651 | 2,600,785 | Norway | 186,433 | 225,490 |
| United States (Atlantic Ocean) | 1,549,844 | 1,719,300 | Republic of Colombia (New Grenada) | 184,876 | 191,106 |
| Italy | 864,725 | 927,236 | Japan | 180,276 | 191,112 |
| Germany | 680,742 | 723,665 | Roumania | 156,928 | 178,401 |
| Russia | 643,728 | 1,029,284 | Mexico | 149,966 | 154,276 |
| Turkey | 591,166 | 635,804 | Senegal and French establishments of the Gulf of Guinea | 148,418 | 115,631 |
| Argentine Republic | 537,521 | 630,353 | Regency of Tripoli | 146,690 | 143,028 |
| Netherlands | 520,892 | 549,441 | Portugal | 131,694 | 147,186 |
| British India | 484,587 | 660,420 | Austria | 121,754 | 212,239 |
| Sweden | 341,852 | 573,816 | | | |
| Tunis | 255,566 | 335,597 | | | |
| Belgium | 249,920 | 262,949 | | | |
| Chile | 247,658 | 266,254 | | | |

The effective French merchant marine in 1892 was composed of 15,278 vessels, with a total tonnage of 905,606; total number of sailors, 83,030; engineers, stokers, etc., 7,275.

### COMMERCE IN 1893.

A summary of the foreign commerce of France for the first nine months of 1893, as compared with the corresponding periods of 1892 and 1891, just issued by the administration of customs, shows a continued decline in the value both of imports and exports, especially as regards the imports of food stuffs.

The figures are as follows:

IMPORTS.

| | 1893. | 1892. | 1891. |
|---|---|---|---|
| Food stuffs | $149,553,577 | $216,966,740 | $219,119,848 |
| Crude materials of industry | 324,264,511 | 316,143,457 | 357,975,049 |
| Manufactured articles | 80,253,453 | 91,327,021 | 92,317,111 |
| Total | 554,071,541 | 624,437,218 | 669,412,008 |

EXPORTS.

| | | | |
|---|---|---|---|
| Food stuffs | $95,195,320 | $106,431,973 | $103,442,403 |
| Crude materials of industry | 113,327,284 | 115,689,604 | 115,788,420 |
| Manufactured articles | 249,607,470 | 256,750,795 | 265,783,774 |
| Parcels by post | 10,376,645 | 7,611,534 | 8,522,108 |
| Total | 468,506,728 | 486,483,906 | 493,536,705 |

This shows a decline in the value of imports for the period indicated of $70,365,677, as compared with the corresponding period of 1892, and of $115,340,467 as compared with the corresponding period of 1891. The decline in the value of exports, as compared with the corresponding period of 1892, was $17,977,178, and as compared with the corresponding period of 1891, $25,029,977. The aggregate of foreign commerce imports and exports combined for the first nine months of 1893 was $1,022,578,269 as compared with $1,110,921,124 during the corresponding period of 1892, and $1,162,948,713 during the corresponding period of 1891, a decline of $88,342,855 from 1892, and of $140,370,444 from 1891.

The balance of trade against France was, for the first nine months of 1893, $85,564,813; for the first nine months of 1892, $137,953,312, and, for the first nine months of 1891, $175,875,303.

The decline in the value of food stuffs imported is the significant feature of this exhibit, being $67,413,163 as compared with the first nine months of 1892, and $69,566,271 as compared with the corresponding period of 1891.

SAMUEL E. MORSS,
*Consul-General.*

PARIS, *December 6, 1893.*

*Value of declared exports from France to the United States for the year ending June 30, 1893.*

| Articles. | Paris. | Bordeaux. | Cognac. | Havre. | Limoges. | Lyons. | Marseilles. | Nantes. | Nice. | Rheims. | Roubaix. | Rouen. | St. Étienne. | Total for the year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Albumen | $45,979 | | | | | | | | | | | | | $45,979 |
| Argols and cream of tartar | 108,189 | $38,417 | | | | $293,956 | $135,586 | | | | | | | 576,098 |
| Arts, works of | 1,798,353 | | | $6,242 | | 1,147 | | | | $10,662 | | $950 | | 1,817,354 |
| Books and engravings | 448,686 | | | 1,091 | $77 | | | $1,967 | | 412 | | | | 452,232 |
| Boots, shoes, and leather manufactures | 20,771 | | | 1,899 | | | | | | 103 | $3,895 | | | 26,668 |
| Brandy and liquors | 42,606 | 101,947 | $812,820 | 56,185 | 17 | | 11,769 | | | 805 | 237 | | $48,589 | 1,074,975 |
| Bristles | 200,384 | | | 25,779 | | | | | | | | 12,116 | | 238,279 |
| Buttons and trimmings | 1,037,903 | | | | | | | | | | | | 174,417 | 1,212,320 |
| Carpets | 44,486 | | | | | | | | | | | | | 44,486 |
| Carriages | 48,736 | | | | | | | | | | | | | 48,736 |
| Cheese | 3,723 | 2,637 | | 31,712 | | | | | | | | | 58,516 | 97,588 |
| Chemicals, not elsewhere specified | 472,555 | 4,178 | | | | 3,482 | 197,771 | 8,413 | | 2,754 | 57,848 | 17,005 | | 764,006 |
| Church ornaments and metallic trimmings | 175,040 | | | 2,170 | | 297,848 | | | | | | | | 475,058 |
| Clocks and watches, and materials of | 198,741 | | | | | 9,187 | | | | | | | | 207,928 |
| Coffee | | | | 346,816 | | | | | | | | | | 346,816 |
| Corks | | 1,143 | | | | | 1,242 | | | | | | | 2,385 |
| Corsets | 219,625 | | | | | | | 274 | | 2,025 | | | | 221,924 |
| Costumes and dresses | 369,397 | | | | | | | 194 | | | | | | 369,591 |
| Cotton goods | 373,061 | | | | | | | | | 17,755 | 3,887 | | | 394,703 |
| Drugs and medicines | 209,832 | 27,358 | | 1,376 | | | 78,338 | | | 13,150 | | | | 330,054 |
| Dye stuffs | 98,807 | | | 114,621 | | 52,605 | | | | | | | | 266,093 |
| Fancy goods | 1,390,034 | | | | | | | | $119 | 3,778 | | | | 1,393,931 |
| Feathers and flowers, artificial, and millinery | 3,062,866 | | | | | | | | | | | | | 3,062,866 |
| Furniture, cabinet woods, and household goods | 390,893 | | | 1,578 | | | 15,173 | | 4,549 | | | | | 412,193 |
| Glass, porcelain, and potteries | 389,737 | | | 485 | 1,072,030 | 115 | | | 1,339 | 154,941 | 8,328 | | | 1,626,975 |
| Gloves | 833,272 | | 3,018 | 2,914 | 749 | | 4,309 | | | 410,941 | 434 | 24,293 | 1,846,596 | 3,126,526 |
| Glue | 128,220 | | | | | 50,958 | 56,646 | | | | | | | 235,824 |
| Gum senegal | 16,744 | 113,467 | | | | | 4,466 | | | | | | | 134,677 |
| Hair, human | 55,057 | | | | | | | | | | | | | 55,057 |
| Hair, animal and vegetable | 5,658 | 9,308 | | 11,668 | | 38,088 | 80,514 | | | 2,077 | 9,410 | | 2,611 | 159,334 |
| Hardware, machinery, manufactures of metal | 212,094 | 27,893 | 2,052 | 2,141 | 484 | 50,417 | | 986 | | 122,222 | 4,282 | 7,476 | 19,711 | 449,758 |
| Hatters' goods and furs | 2,057,507 | | | | 13,510 | | | | | 27,302 | | 6,674 | 1,942 | 2,106,935 |
| Horses for breeding purposes | 60,098 | | 4,698 | 6,507 | | | | | | | | 2,600 | | 73,903 |
| Hosiery | 283,362 | | | | | | | | | 277,955 | | | | 561,317 |
| India rubber | 36,688 | | | 110,404 | | | | | | 17,250 | | | | 164,342 |
| Jewelry and precious stones | 4,674,850 | | | | | | | | | | | | | 4,674,850 |

*Value of declared exports from France to the United States for the year ending June 30, 1893*—Continued.

| Articles. | Paris. | Bordeaux. | Cognac. | Havre. | Limoges. | Lyons. | Marseilles. | Nantes. | Nice. | Rheims. | Roubaix. | Rouen. | St. Étienne. | Total for the year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laces, tulles, and crapes | $751,359 | | | | | $916,368 | | | | | $85,271 | $2,379,031 | $170,709 | $4,302,738 |
| Linen goods | 127,040 | | | | | 73,755 | | | $2,399 | | 34,537 | 175 | | 237,906 |
| Macaroni | 14,587 | $47,166 | | | | | $94,881 | | | | | | | 156,634 |
| Merinos, cashmeres, and miscellaneous dress goods | 3,920,862 | | | $4,346 | | | 1,628 | | | $49,415 | 3,688,445 | | | 7,664,696 |
| Millstones, plaster and cement | 36,046 | | | | | | 29,943 | | | | | | | 65,989 |
| Miscellaneous goods | 2,789,290 | 133,946 | | 76,209 | | 121,632 | 83,316 | $6,732 | | 17,470 | 338,371 | 11,729 | 7,723 | 3,586,418 |
| Musical instruments | 157,399 | | | 251 | | 9,083 | | | | 550 | | 5,629 | | 172,912 |
| Nickel | | | | 13,243 | | | | | | | | | | 13,243 |
| Oils, except essential | 4,138 | 289,583 | $1,822 | 365 | | | 222,331 | | 55,179 | | | | | 573,418 |
| Optical and scientific instruments | 680,307 | | | | | 14,870 | | | | | | | | 695,177 |
| Ores | | | | 28,877 | | | 17,219 | | | | | | | 46,096 |
| Paints and colors | 135,262 | | | 3,471 | $1,111 | 963 | 60,515 | 10,297 | | | | | | 211,619 |
| Platinum | 40,497 | | | | | | | | | | | | | 40,497 |
| Preserved fruits and vegetables | 145,203 | 585,368 | | 107 | 11,341 | 13,895 | 300,300 | 95,113 | | | | | | 1,151,327 |
| Preserved meat and sardines | 11,265 | 498,242 | | | | 1,135 | | 597,521 | | | | 13,236 | | 1,121,399 |
| Prunes, raisins, nuts, etc | | 484,046 | | 21,217 | | 1,788 | 439,433 | | | | | | 75,099 | 1,021,583 |
| Rags and old paper | 80,192 | 143,760 | | 23,410 | | 5,471 | 26,717 | | | 347 | 52,533 | 35,406 | | 367,836 |
| Salt | | | | | | | 3,582 | | | | | | | 3,582 |
| Seeds and plants | 206,742 | | | 41,865 | | 1,501 | 180,142 | 63,752 | | 696 | 14,706 | | | 518,404 |
| Shawls | 111,176 | | | | | | | | | | | | | 111,176 |
| Silk, raw, waste, silk combed | | | | | | 1,971,065 | | | | 1,784 | | 19,534 | | 1,992,383 |
| Silk, manufactures of | 648,629 | | | | | 9,014,926 | 16,950 | | | | | | 1,334,743 | 11,015,248 |
| Skins, hides, and leather | 1,766,967 | 221,811 | | 11,621 | | 142,914 | 352,425 | | 4,097 | | | 883 | 9,362 | 2,510,080 |
| Soap, ordinary | | | | | | | 77,146 | | | | | | | 77,146 |
| Soap grease, from the skin of sheep | 21,757 | | | | | | | | | | 34,078 | | | 55,835 |
| Stationery and paper | 109,057 | 103,313 | 1,032 | | | 1,172 | 23,793 | 82 | | | | | | 238,449 |
| Straw goods | 41,955 | | | | | | | | | | | | | 41,955 |
| Sugar and confectionery | 159,757 | 204 | | 579 | | | | | 2,172 | | | 264 | 9,712 | 172,688 |
| Tin and tin foil | | | | | | | 81,807 | | | 560 | | | | 82,367 |
| Tobacco | 4,844 | | | | | | | | | | | | | 4,844 |
| Toilet articles and perfumery | 707,434 | | | | | | 183,963 | | 402,313 | | | | | 1,293,710 |
| Upholstery goods and wall-paper | 839,246 | | | | | | | | | 2,388 | 393,059 | 5,912 | | 1,240,605 |
| Whalebone and hornstrips for corsets | 402,186 | | | | | | | | | | | | | 402,186 |
| Willows, wood, woodware, empty barrels | 51,397 | | | 21,361 | | | 8,886 | 85 | | 81,359 | | 8,300 | | 171,388 |
| Wines | 84,403 | 1,209,144 | 341 | 969 | | 151,037 | 69,109 | 3,471 | 309 | 5,611,211 | | | | 7,079,994 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wool and woolen waste | 12,223 | | | | | | 771,568 | | | | 20,182 | | 9,263 | 822,236 |
| Woolen cloth | 101,341 | | | 3,514 | | | | | | | | 15,370 | 323 | 120,548 |
| Zinc | 9,851 | | | | | | | | | | | | | 9,851 |
| Total | 33,636,315 | 4,043,931 | 825,783 | 974,993 | 1,009,319 | 13,239,438 | 3,640,468 | 788,887 | 472,476 | 6,829,912 | 4,758,503 | 2,500,583 | 3,769,316 | 76,645,924 |
| Total for preceding year | 33,734,977 | 3,780,296 | 758,640 | 893,889 | 1,247,835 | 10,734,167 | 3,038,193 | 519,872 | 233,642 | 4,762,571 | 4,027,489 | 2,343,105 | 3,076,536 | 69,151,211 |
| Increase | | 263,635 | 67,143 | 81,104 | | 3,505,271 | 602,275 | 269,015 | 238,834 | 2,067,341 | 731,015 | 223,478 | 692,780 | 7,494,713 |
| Decrease | 98,662 | | | | 148,516 | | | | | | | | | |

## BOULOGNE-SUR-MER.

*Commerce and navigation for the year ended June 30, 1893.*

### GENERAL IMPORTS.

| Articles. | Value entered. | Amo of du |
|---|---|---|
| Hairs of all kinds | $64,277 | |
| Cheese | 2,650 | |
| Hats, felt, wool, silk | 84,200 | 13 |
| Buttons, toys | 58,640 | 5 |
| Volatile oils and essences | 51,074 | 3 |
| Tortoise shells | 73,000 | |
| Greases | 63,348 | 1 |
| Dyes | 45,476 | 7 |
| Quicksilver | 57,200 | 1 |
| Nets | 54,328 | 2 |
| Bismuth | 52,828 | |
| Jute tissues | 51,300 | 7 |
| Furniture | 37,340 | 2 |
| Biscuits | 47,400 | 8 |
| Glass and crystal goods | 31,540 | 3 |
| Needles | 45,110 | 6 |
| Rags | 20,870 | ..... |
| Indigo | 42,046 | |
| Boats (small) | 39,296 | |
| Wheat and flour | 35,466 | 6 |
| Coffee | 78,580 | 57 |
| Sundry articles | 586,530 | 42 |
| Total | 1,622,499 | 179 |

### IMPORTS FROM THE UNITED STATES.

| Articles. | Quantities. | Duti |
|---|---|---|
| | *Pounds.* | |
| Salt meat, pork | 177,888 | $4 |
| Animal grease | 5,844 | |
| Coffee | 93,512 | 14 |
| Turpentine | 39,896 | |
| Gums and rosins, rough | 40,024 | |
| Building timber | 3,962,000 | 1 |
| Heavy oils and petroleum residues | 135,522 | 1 |

### EXPORTS TO THE UNITED STATES.

| | Valu |
|---|---|
| Paintings | $3 |
| Gloves | 18 |
| Fish | 34 |
| Oil, poppy | 1 |
| Rags | 2 |

### NAVIGATION.

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *To* |
| French | 4 | 529 | 40 | 6,044 | 44 | 6,573 | 16 | 9,643 | 30 | 3,188 | 46 | 12 |
| English | 1,172 | 298,580 | 5 | 5,213 | 1,177 | 303,799 | 1,432 | 323,456 | 7 | 736 | 1,439 | 324 |
| Swedish | 7 | 2,901 | 3 | 674 | 10 | 3,575 | ..... | ..... | ..... | ..... | ..... | ..... |
| Norwegian | 8 | 3,249 | 16 | 4,215 | 24 | 7,464 | ..... | ..... | 4 | 1,569 | 4 | 1, |
| German | 3 | 1,838 | 1 | 99 | 4 | 1,937 | 1 | 681 | 1 | 79 | 2 | |
| Belgian | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dutch | 116 | 277,063 | 1 | 887 | 117 | 277,950 | 117 | 277,126 | 1 | 83 | 118 | 277 |
| Austrian | 1 | 2 | ..... | ..... | 1 | 2 | 2 | 1,090 | ..... | ..... | 2 | 1, |
| Danish | 1 | 276 | 1 | 143 | 2 | 419 | ..... | ..... | 2 | 257 | 2 | |
| Total | 1,312 | 584,444 | 67 | 17,275 | 1,379 | 601,719 | 1,568 | 611,996 | 45 | 5,912 | 1,613 | 617 |

EMILE FLAGEOLLET,
*Consular Agent*

BOULOGNE-SUR-MER, *June 30, 1893.*

## CALAIS.

*Commerce and navigation for the year ended June 30, 1893.*

IMPORTS.

| Articles. | Quantity. | Articles. | Quantity. |
|---|---|---|---|
| | *Tons.* | | *Tons.* |
| Meat | 351 | Oil (varnish) | 62 |
| Wool, hair, horns, and ivory | 22,419 | Firewood | 725 |
| Silk | 125 | Teak wood | 715 |
| Cotton | 28 | Jute and cocoa fibre | 6,703 |
| Eggs, butter, and cheese | 41 | Yarns | 452 |
| Fish | 34 | Wood pulp | 1,416 |
| Flour | 27 | Beer | 180 |
| Vegetables, sprouts | 88 | Ice | 2,785 |
| Dried fruit | 18 | Coals | 63,798 |
| Biscuit | 18 | Iron and iron ore | 51,350 |
| Milk, condensed | 46 | Machinery | 4,500 |

EXPORTS.

| | | | |
|---|---|---|---|
| Meat | 874 | Noils, wool, waste, etc | 13,266 |
| Wool | 218 | Liquids | 2,741 |
| Silk | 84 | Stoves | 5,093 |
| Fowls | 91 | Metals | 883 |
| Eggs | 621 | Chemicals | 822 |
| Cheese and butter | 26 | Glass | 3,818 |
| Fish | 28 | Yarns | 339 |
| Flour | 786 | Tissues | 3,398 |
| Fruit | 653 | Skins | 184 |
| Sugar | 4,807 | Machinery | 2,426 |
| Oil | 11 | Sundries | 770 |
| Timber | 24 | | |

EXPORTS OF THE UNITED STATES.

| Articles. | Value. |
|---|---|
| Lace | $1,463,888 |
| Silk | 19,534 |
| Machinery | 7,476 |
| Total | 1,490,898 |

Petroleum and lumber were the only direct imports into Calais from the United States.

NAVIGATION.

| Flag. | Entered. | | | | | |
|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| French | 813 | 220,264 | 7 | 761 | 820 | 220,925 |
| English | 1,389 | 319,802 | 62 | 6,209 | 1,451 | 326,011 |
| Swede | 11 | 6,210 | 1 | 305 | 12 | 6,515 |
| Norwegian | 12 | 7,683 | 49 | 17,335 | 61 | 25,018 |
| Dane | 13 | 12,362 | 4 | 496 | 17 | 12,858 |
| German | 22 | 13,075 | 4 | 2,877 | 26 | 15,952 |
| Belgian | 1 | 14 | 1 | 5 | 2 | 19 |
| Dutch | 1 | 305 | ..... | ..... | 1 | 305 |
| Spanish | 1 | 1,350 | ..... | ..... | 1 | 1,350 |
| Italian | ..... | ..... | 1 | 832 | 1 | 832 |

J. P. VENDROUGX,
*Consular Agent.*

CALAIS, *June 30, 1893.*

## NICE.

*Commerce and navigation for the calendar year 1892.*

### IMPORTS.

| Articles. | Quantity. | Value entered. | Whence imported. |
|---|---|---|---|
| | *Tons. Cwt.* | | |
| Bran | 18 9 | $553.68 | Italy. |
| Carobs | 2,356 19 | 35,354.58 | Turkey. |
| Charcoal | 1,067 4 | 21,344.24 | Italy. |
| Cheese | 6 10 | 1,951.80 | Holland, Italy. |
| Coal | 42,629 10 | 277,091.93 | England, |
| Hemp | 34 8 | 5,328.28 | Italy. |
| Hoops | 100 10 | 5,526.73 | Do. |
| Lumber | 2,687 2 | 120,918.28 | Austria, Roumania, Russia. |
| Maize | 351 3 | 14,046.64 | Italy. |
| Meat, salted | 1 5 | 385.02 | England, Germany, Italy. |
| Oil, olive | 4,045 9 | 1,294,547.52 | Italy, Spain, Tunis. |
| Pastes (Macaroni, etc.) | 1 6 | 153.72 | Italy. |
| Rice | 7 10 | 4,125.00 | Do. |
| Staves | 477 2 | 23,855.20 | Do. |
| Stockfish | 137 11 | 19,256.72 | England, Germany, Norway. |
| Vegetables, dry | 19 6 | 1,351.00 | Italy. |
| Wheat | 10,463 10 | 429,003.41 | Algeria, Russia, Turkey. |
| Wine: | | | |
| Liquor | 42 7 | 14,824.60 | Italy, Spain, Turkey. |
| Ordinary table wine | 11,187 2 | 894,969.44 | Algeria, Greece, Italy, Sp Tunis, Turkey. |
| Total | | 3,164,587.79 | |

Duties collected, $266,542.

### EXPORTS.

| Articles. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| | *Tons. Cwt.* | | |
| Casks | 507 | $25,362.30 | Algeria, Italy, Spain. |
| Coal | 7,100 | 46,152.28 | Austria, Italy. |
| Cork, wrought | 25 | 2,513.70 | Italy. |
| Flour | 225 | 2,025.00 | Do. |
| Fruits | 33 | 1,644.00 | Do. |
| Glassware | 230 | 18,880.50 | Algeria, Italy. |
| Lumber | 202 12 | 9,080.58 | Italy, Tunis. |
| Oils: | | | |
| Olive | 84 12 | 26,599.04 | Italy, Russia, Turkey. |
| Seed | 6 | 112.40 | England. |
| Perfumery | 2 12 | 4,916.00 | Italy. |
| Plaster | 1,876 12 | 1,975.99 | Algeria, Italy. |
| Potatoes | 19 | 373.60 | Italy. |
| Pottery | 1,117 | 100,576.62 | Algeria. Italy. |
| Sea biscuits | 15 | 1,595.22 | Italy, Turkey. |
| Soap | 39 | 3,919.50 | Algeria, Italy. |
| Tiles and bricks | *997 847 | 9,978.47 | Do. |
| Vegetables, dry | | 134.68 | Italy. |
| Wines: | | | |
| Liquor | | 339.90 | Algeria, Italy. |
| Ordinary table wine | | 4,158.56 | Do. |
| Total | | 260,345.34 | |

*Number.

*Commerce and navigation for the calendar year 1892*—Continued.

NAVIGATION.

| Flag. | Entered. | | Cleared. | |
|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* |
| Austrian | 6 | 2,284 | 6 | 2,325 |
| English | 24 | 24,394 | 24 | 22,767 |
| French | 87 | 21,599 | 96 | 24,826 |
| Greek | 5 | 1,396 | 4 | 1,421 |
| Italian | 147 | 17,246 | 147 | 18,836 |
| Norwegian | 13 | 5,137 | 14 | 5,774 |
| Spanish | 18 | 2,451 | 17 | 2,497 |
| Swedish | 1 | 456 | 1 | 411 |
| Turkish | 1 | 475 | 1 | 475 |
| Coasting trade, including Algeria | 615 | 102,719 | 617 | 97,285 |
| Total | 917 | 178,157 | 927 | 176,617 |

ALEXANDER VIAL,
*Vice-Consul.*

NICE, *June 30, 1893.*

## ROUEN.

### MOVEMENT OF THE PORT.

The movement of the port for the year ended June 30, 1893, indicates a great decline from that of the previous year, although the shipments were nearly the same, 231,197 tons, against 231,972 tons in 1891.

Various causes contributed to this decrease. During the last months of the year 1891 the importations increased to such a degree as to tax the capacity of the port to its full extent. This spasmodic effort was made to avoid the increased duties under a new tariff on some articles, Spanish wine especially.

The favorable crops of 1892 in France restrained to an unusual degree the imports of cereals, which is a leading traffic of this port.

The tonnage of the port has so steadily advanced from year to year that, in addition to the extensive docks for repairs, a favorable site has been selected upon which a large shipbuilding dock will be fitted up.

The chamber of commerce of Rouen have erected a clock tower which gives the time on three sides and the height of the tide on the fourth, namely, that fronting the harbor. The tide indicator consists essentially of a float which, by means of a cord and counter weight hung on a drum, works a series of shafts with bevel-wheel gearing, and moves a hand or pointer on a dial like that of a clock, marked with the necessary figures to show the level of the tide. The dials are of opal glass and are illuminated at night. The clock has an apparatus for distributing the time to other clocks in Rouen, and also for unifying the time after the method adopted in Paris.

### IMPROVEMENT OF THE PORT.

During the year 1892 the service of the navigation of the Seine expended the following sums:

| | Francs. |
|---|---|
| For the extension and improvement of the port of Rouen (law of 1885) | 480,000 |
| For the maritime service, decree of July, 1879 | 9,200 |
| Law of May 29, 1883 | 795,800 |
| Total | 1,285,000 |

The total expenditure since the beginning has been:

| | | Francs. |
|---|---|---|
| Law of March 11, 1885 | | 4,786,000.00 |
| Decree of July 15, 1879 | | 2,534,602.72 |
| Law of May 29, 1883 | | 6,634,112.79 |
| Total | ($2,693,260) | 13,954,715.51 |

The fitting up of the basins for wood and petroleum has been completed.

There is a plan on foot to extend the petroleum basins.

The improvement of the Seine is comparatively slow, being curtailed for want of means, and this state of affairs must continue so long as army requirements are so pressing.

The docks of Rouen are furrowed by railways, and for years the transhipment of merchandise has been effected by a variety of apparatus suited and altered to meet the increasing demand. For a long time pontoon cranes and cranes on rails and stationary cranes have been in use. The chamber of commerce has erected fifteen hydraulic cranes, distributed on each side of the river, which are provided with a special accumulator.

### A NEW LINE OF STEAMERS.

A line of steamers plying between Rouen and Montreal, touching at La Rochelle for freight and passengers, has been inaugurated. The *Olbia* left here on the 24th of August, taking out cabin and steerage passengers and freight. It is the intention of this Canadian-French line to dispatch a steamer per month on this route during the summer season, and to land passengers and freight at Halifax during the winter season.

The *Olbia* is daily expected on its return voyage, and expects to leave here on the 8th of October. Three hundred steerage passengers are already engaged. This line, properly managed, must be profitable and advantageous to the countries and individuals interested.

The establishment of a similar line between Rouen and the United States would greatly assist trade between the two countries. The passenger traffic would be no small item, as there is a large class of travelers desirous of a long sea voyage to afford rest, which is only obtainable when letters and telegrams can not reach them.

### PETROLEUM.

Arrangements are in progress, as before mentioned, for increasing the capacity of the petroleum basin, which was no sooner completed than found to be insufficient to accommodate the growing trade.

In addition to refineries which have been long established, and have extended their lines from year to year, the Standard Oil Company are well advanced in erecting works which will materially augment the output of refined oil.

This establishment will do more than simply refine the crude oil, as it must teach the French refiners that a good article is more saleable than an indifferent one.

The protection given by the Government to colza, and other vegetable oils circumscribes their use, and is of no practical benefit to the farmer. Kerosene oil is becoming more and more popular.

### SANITARY ACTIONS.

The freedom of intercourse between France and America has been greatly curtailed by the rumors (false in most instances and without the slightest foundation) of the prevalence of cholera in this and other districts which were perfectly free from the scourge.

The judicious sanitary precautions especially the economic enactments of the new law, have been successful in preventing any contagious disease from entering; while under the consular supervision, criminals and paupers have been denied passage.

The precautions in both of these respects taken by the Netherlands-American line touching at Boulogne-sur-Mer entitle them to public confidence.

### CROPS, CATTLE, AND INDUSTRY.

The crops of wheat and oats for this year although stated to be nearly up to the average, may disappoint the farmers on thrashing. The straw is short. The hay crop is almost a failure.

Forage for cattle must be brought into the country although the root crop has yielded well.

The cattle are brought to market at such a rate as to reduce the price of meat materially (to the butcher) and to threaten a deficiency later in the season. Vegetable and dairy products have advanced in price, while coal, should the strikes continue, will be a luxury.

Factories must soon shut down, and the winter become a hard struggle for life.

The various industries of the locality have had no reason to complain, and the year has been one signalized by no great gains or losses.

## TRADE WITH THE UNITED STATES.

*Imports at Rouen from the United States during the year ending June 30, 1893.*

| Articles. | Quantity. | Articles. | Quantity. |
|---|---|---|---|
| Salt meat: | | Forage ..... pounds.. | 165 |
| Pork ..... pounds.. | 1,331 | Oil cakes ..... do.... | 6,967,365 |
| Beef and other meats ..... do.... | 19,324 | Rum, in casks ..... gallons.. | 157 |
| Lard ..... do.... | 8,567 | Spirits, in bottles ..... do.... | 2 |
| Wheat ..... do.... | 11,152,101 | Oils ..... pounds.. | 125,996,670 |
| Oats ..... do.... | 286 | Lamp chimneys ..... do.... | 65 |
| Indian corn ..... do.... | 46,259,697 | Bottles ..... do.... | 26 |
| Apples and pears for cider presses, pounds ..... | 5,299 | Jute ..... do.... | 20,284 |
| Nuts ..... pounds.. | 83 | Steam engines ..... do.... | 2,068 |
| Lucerne and clover seed ..... do.... | 4,393 | Printing machines ..... do.... | 21 |
| Coffee ..... do.... | 17,916 | Engine tools ..... do.... | 6,270 |
| Wood, for building (oak excepted) pounds ..... | 5,893,913 | Brass articles ..... do.... | 85 |
| Clapboarding (oak excepted) pounds.. | 43,483 | General machinery ..... do.... | 30 |
| Logs and faggots ..... do.... | 39,771 | Cooperage, articles of wood: | |
| Cotton ..... do.... | 1,781 | Bobbins, for spinning .... do.... | 17,349 |
| | | Other articles ..... do.... | 2,808 |
| | | Rubber material for cords .... do.... | 61 |

*Statement showing the value of declared exports from the consular district of Rouen, France, to the United States of America, during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
| Bristles and brushes ..... | $1,557.00 | $6,344.60 | $2,804.00 | $1,410.00 | $12,115.60 |
| Caramels ..... | ..... | ..... | 264.02 | ..... | 264.02 |
| Chalk, block ..... | ..... | 450.00 | 4,254.00 | ..... | 4,704.00 |
| Chemicals ..... | 3,839.31 | 124.00 | 2,222.02 | ..... | 6,185.33 |
| Coutils ..... | ..... | ..... | 174.59 | ..... | 174.59 |
| Empty grain sacks ..... | ..... | ..... | 2,200.00 | ..... | 2,200.00 |
| Empty petroleum casks ..... | 5,300.00 | ..... | 3,000.00 | ..... | 8,300.00 |
| Flour ..... | 890.00 | ..... | ..... | ..... | 890.00 |
| Gloves ..... | 11,706.00 | 4,259.00 | 7,421.00 | 907.00 | 24,293.00 |
| Glycerine ..... | ..... | ..... | ..... | 10,819.67 | 10,819.67 |
| Hatters' furs ..... | 997.92 | 5,675.60 | ..... | ..... | 6,673.52 |
| Horses ..... | 2,600.00 | ..... | ..... | ..... | 2,600.00 |
| Laces and tulles ..... | 423,338.32 | 641,495.30 | 848,890.90 | 465,306.73 | 2,379,031.25 |
| Ladies dress goods ..... | ..... | ..... | ..... | ..... | ..... |
| Lastings ..... | 5,851.06 | 659.28 | 2,929.38 | 416.85 | 9,856.57 |
| Leather, patent ..... | ..... | ..... | 521.30 | 361.30 | 882.60 |
| Machinery ..... | 7,475.63 | ..... | ..... | ..... | 7,475.63 |
| Mackerel ..... | 4,711.00 | 8,525.00 | ..... | ..... | 13,236.00 |
| Musical instruments ..... | ..... | 170.00 | 3,038.32 | 2,420.44 | 5,628.76 |
| Oil poppy ..... | 95.00 | ..... | ..... | ..... | 95.00 |
| Rags ..... | 8,018.39 | 21,197.97 | 2,320.00 | 3,869.37 | 35,405.73 |
| Sails ..... | ..... | ..... | 206.98 | ..... | 206.98 |
| Silk, raw ..... | 13,505.17 | 5,185.43 | 506.94 | 336.10 | 19,533.64 |
| Soap grease ..... | ..... | ..... | ..... | ..... | ..... |
| Sundries ..... | ..... | ..... | 1,374.13 | 2,260.85 | 3,634.97 |
| Utrecht velvet ..... | 1,310.96 | 862.92 | 3,038.83 | 699.33 | 5,912.04 |
| Woolen cloth ..... | 1,683.76 | ..... | ..... | 3,829.90 | 5,513.66 |
| Wool ..... | ..... | ..... | ..... | ..... | ..... |
| Wool waste ..... | ..... | ..... | ..... | ..... | ..... |
| Works of art ..... | ..... | 950.00 | ..... | ..... | 950.00 |
| Total ..... | 492,879.52 | 695,899.10 | 885,166.40 | 492,637.54 | 2,566,582.56 |
| Total for preceding year .. | 539,676.38 | 549,257.27 | 863,841.78 | 390,329.34 | 2,343,104.77 |
| Increase ..... | ..... | 146,641.83 | 21,324.62 | 102,308.20 | 223,477.79 |
| Decrease ..... | 46,796.86 | ..... | ..... | ..... | ..... |

CHAS. P. WILLIAMS,
*Consul.*

ROUEN, FRANCE, *June 30, 1893.*

# GERMANY.

*Exports declared for the United States.*

## ANNABERG.

| Articles. | Quarter ending— Sept. 30, 1892 | Dec. 31, 1892 | Mar. 31, 1893 | June 30, 1893 | Total. |
|---|---|---|---|---|---|
| Aniline dyes | $2,825.70 | $1,031.10 | ..... | $906.85 | $4,763.65 |
| Baskets | 1,247.40 | 1,277.50 | $2,090.00 | 1,146.70 | 5,761.60 |
| Brushes | 2,781.95 | 1,636.90 | 1,694.75 | 1,287.15 | 7,400.75 |
| Gloves and glove leather | 104,261.45 | 138,848.20 | 134,405.15 | 116,462.85 | 493,977.65 |
| Laces and tidies | 6,649.80 | 15,149.65 | 8,392.85 | 5,549.45 | 35,741.75 |
| Lace curtains | 18,822.25 | 11,762.80 | 18,304.85 | 11,675.90 | 60,565.80 |
| Miscellaneous | 3,631.70 | 384.20 | 729.55 | 1,474.95 | 6,220.40 |
| Paper | 23,398.45 | 23,173.15 | 16,784.95 | 23,317.85 | 86,674.40 |
| Toys and wooden ware | 11,352.85 | 1,660.25 | 558.40 | 32,194.10 | 45,765.60 |
| Trimmings, embroideries, and fringes | 513,996.45 | 199,082.85 | 426,535.10 | 185,752.70 | 1,325,367.10 |
| Total | 688,968.00 | 394,006.60 | 609,495.60 | 379,708.50 | 2,072,238.70 |

## BREMEN AND AGENCIES.*

| | | | | | |
|---|---|---|---|---|---|
| Animals, birds, horses | $2,676.90 | $12,525.80 | $7,036.01 | $22,645.85 | $44,884.56 |
| Bedfeathers, downs | ..... | 8,611.55 | 5,372.62 | 2,618.24 | 16,602.41 |
| Beet sugar | ..... | ..... | 47,854.90 | ..... | 47,854.90 |
| Books, sheet music, etc | 3,004.27 | 6,554.28 | 3,544.77 | 3,666.87 | 16,770.19 |
| Cement | 5,828.14 | 3,970.79 | 3,298.44 | 32,467.25 | 45,564.62 |
| Drugs and chemicals | 14,428.27 | 11,268.59 | 19,561.73 | 6,946.56 | 52,205.15 |
| Glassware | 13,901.21 | 24,538.35 | 28,652.95 | 21,163.78 | 88,256.29 |
| Personal effects | ..... | ..... | ..... | 12,034.95 | 12,034.95 |
| Provisions | 4,404.90 | ..... | ..... | ..... | 4,404.90 |
| Rags and paper stock | ..... | 5,008.95 | 10,275.40 | 4,488.68 | 19,773.03 |
| Rice and rice flour | 360,446.03 | 322,121.34 | 228,458.34 | 229,260.16 | 1,140,285.87 |
| Sundries | 4,902.33 | 13,203.91 | 12,607.67 | 12,766.82 | 43,480.73 |
| Tobacco | 118,940.74 | 32,628.62 | 5,416.64 | 266,418.39 | 423,404.39 |
| Whisky | 50,401.97 | 181,749.87 | 87,939.57 | 36,095.79 | 356,187.20 |
| Willow, straw, and wooden ware | 16,180.51 | 17,968.95 | 18,447.24 | 15,232.73 | 67,829.43 |
| Wine, beer, and liquors | 31,787.32 | 38,197.49 | 32,925.12 | 49,720.08 | 152,630.01 |
| Wool | 10,298.26 | 7,895.61 | ..... | 3,371.27 | 21,065.14 |
| Woolens | ..... | 3,708.52 | ..... | 4,163.57 | 7,872.09 |
| Wool grease | ..... | ..... | ..... | 10,207.58 | 10,207.58 |
| Woolen yarn | ..... | 6,637.42 | ..... | 1,148.35 | 8,785.77 |
| Total | 637,200.85 | 697,090.04 | 511,391.40 | 734,416.92 | 2,580,099.21 |
| Total for preceding year | 690,101.69 | 506,441.62 | 488,968.23 | 828,380.40 | 2,513,891.94 |
| Increase | ..... | 190,648.42 | 22,423.17 | ..... | 66,207.27 |
| Decrease | 52,900.84 | ..... | ..... | 93,963.48 | ..... |

* Brake—Nordenhamm, and Geestemunde.

## BRESLAU.

| | | | | | |
|---|---|---|---|---|---|
| Brushes | $9,567.10 | $4,778.35 | $7,733.24 | $10,234.41 | $32,313.10 |
| Cellulose, sulphite, pulp | 59,067.33 | 551.35 | 40,639.11 | 52,566.03 | 152,823.82 |
| Chemicals | 5,594.54 | 9,377.50 | 12,809.69 | 300,501.29 | 328,283.02 |
| Chromos, books, fancy paper, etc | 11,818.07 | 4,059.63 | 3,788.55 | 9,094.44 | 29,460.69 |
| Glue | ..... | ..... | 3,625.58 | 877.38 | 4,502.96 |
| Leather gloves and glove leather | 228,128.34 | 224,229.87 | 261,198.58 | 217,004.68 | 930,561.47 |
| Linen, mixed linen, union and cotton goods | 241,368.71 | 188,206.26 | 191,772.92 | 148,624.65 | 769,972.54 |
| Miscellaneous or sundries | 7,840.47 | 14,511.67 | 11,698.21 | 23,327.05 | 57,377.40 |
| Picture frames | 4,441.26 | 2,910.93 | 1,011.76 | 1,614.69 | 9,978.64 |
| Porcelain and glassware | 75,212.52 | 41,205.00 | 45,394.02 | 60,260.74 | 222,072.28 |
| Porcelain, zinc-lined iron cooking utensils | 7,195.92 | ..... | ..... | ..... | 7,195.92 |
| Silk mixed goods | 103,330.27 | 129,208.56 | 155,500.11 | 83,347.06 | 471,386.00 |
| Sugar | 53,698.33 | ..... | ..... | ..... | 53,689.33 |
| Tin foil | 7,088.12 | 5,068.84 | 2,660.36 | 4,940.30 | 19,757.62 |
| Toys | 8,833.61 | ..... | 1,674.76 | 2,793.53 | 13,301.90 |
| Willows | 3,043.94 | ..... | ..... | ..... | 3,043.94 |
| Woolen goods | ..... | 15,241.09 | 6,742.43 | 17,394.74 | 39,378.26 |
| Zinc dust | 8,188.19 | 11,383.87 | 13,084.79 | 10,533.53 | 43,190.38 |
| Total | 834,416.72 | 705,916.57 | 759,334.11 | 933,114.52 | 3,188,28.927 |
| Total for preceding year | 822,038.87 | 597,437.32 | 506,584.90 | 554,752.90 | ..... |
| Increase | 12,377.85 | 108,479.25 | 252,749.21 | 378,361.62 | ..... |

*Exports declared for the United States*—Continued.

BRUNSWICK.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Asphalt | $6,339.40 | $15,783.35 | $27,441.59 | $9,340.29 | $58,904.63 |
| Birds, live | 19,959.60 | 28,956.29 | 22,448.57 | 3,313.40 | 74,677.86 |
| Books | 11,996.90 | 10,918.48 | 22,872.86 | 12,905.75 | 58,693.99 |
| Cement | 168,092.19 | 64,012.16 | 76,859.32 | 183,570.83 | 492,534.50 |
| Chemicals | 55,287.77 | 60,950.33 | 81,835.00 | 27,794.55 | 225,873.65 |
| Feathers | 12,920.28 | 21,882.91 | ..... | 4,036.80 | 38,839.99 |
| Glass | 9,295.80 | 13,960.18 | 17,757.68 | 18,039.00 | 59,052.66 |
| Gloves, leather | 123,543.88 | 62,170.80 | 119,317.25 | 67,333.73 | 372,885.66 |
| Grease | 20,954.59 | 9,361.19 | ..... | 3,378.63 | 33,694.41 |
| Hams, etc | ..... | 7,321.58 | 8,708.52 | 556.00 | 16,586.10 |
| India-rubber goods | 10,696.08 | 9,346.88 | 7,885.30 | 13,024.04 | 40,952.30 |
| Inks and colors | ..... | 5,052.73 | ..... | 18,122.50 | 23,174.23 |
| Manure, salt | 14,728.74 | 5,206.57 | ..... | 7,220.95 | 27,156.26 |
| Miscellaneous | 22,807.59 | 38,392.46 | 38,202.26 | 11,780.81 | 111,183.12 |
| Muriate of potash | 60,320.31 | 114,580.13 | 57,976.01 | 29,573.58 | 262,450.08 |
| Prepared vegetables | 8,719.01 | 6,123.89 | ..... | ..... | 14,842.90 |
| Rags | 84,179.40 | 222,119.96 | 283,240.87 | 97,806.53 | 687,346.26 |
| Salmiac | 6,490.10 | ..... | ..... | 2,206.17 | 8,696.27 |
| Sugar, beet | 33,812.49 | 293,453.51 | 792,921.72 | 4,132.85 | 1,124,320.57 |
| Textiles | 25,512.76 | 21,907.06 | 33,269.42 | 37,568.37 | 118,257.61 |
| Wool | 8,881.73 | ..... | 6,508.46 | 484.80 | 15,874.99 |
| Total | 704,558.62 | 1,011,506.51 | 1,597,244.83 | 552,189.58 | 3,865,499.04 |
| Total for preceding year | 672,080.21 | 579,091.55 | 496,200.71 | 503,355.71 | 2,250,728.18 |
| Increase | 32,478.41 | 432,414.96 | 1,101,043.62 | 48,833.87 | 1,614,770.86 |

COBURG.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| Baskets | $1,888.45 | $921.79 | $2,738.93 | $2,356.21 | $7,905.88 |
| Dolls and toys | 133,260.15 | 99,603.18 | 403,576.13 | 596,133.43 | 1,232,572.89 |
| Drugs, chemicals, paints, colors | 6,481.29 | 6,474.80 | 7,045.42 | 4,812.08 | 25,413.59 |
| Glassware | 21,918.46 | 16,234.47 | 17,207.78 | 29,540.95 | 84,901.66 |
| Gloves, kid and others | 5,616.28 | 4,072.55 | 5,127.15 | 7,570.29 | 22,386.27 |
| Guns | 5,794.80 | 1,412.17 | 2,830.86 | 3,172.78 | 13,210.61 |
| Mineral waters | 826.12 | ..... | ..... | ..... | 826.12 |
| Paper articles, buttons, papier-maché ware | 7,414.78 | 6,942.57 | 6,771.21 | 13,825.95 | 34,954.51 |
| Porcelain and stone ware | 84,964.24 | 93,076.49 | 262,984.71 | 332,228.06 | 773,253.50 |
| Slate pencils | 4,844.29 | 5,260.19 | 12,264.04 | 5,754.75 | 29,123.27 |
| Smokers' articles | ..... | 188.76 | 188.76 | ..... | 377.52 |
| Steel and iron ware | 4,391.86 | 5,629.97 | 5,652.68 | 4,267.70 | 19,942.21 |
| Wine, beer, brandies | 7,186.30 | 8,577.73 | 8,046.67 | 7,835.59 | 31,646.29 |
| Woodenware | ..... | 3,803.64 | 3,227.14 | 1,493.22 | 8,524.00 |
| Woolens | 466.93 | ..... | 2,573.68 | 6,770.16 | 9,810.77 |
| Sundries | ..... | 582.18 | 796.48 | 1,307.21 | 2,685.87 |
| Total | 285,053.95 | 252,780.49 | 742,631.64 | 1,017,068.88 | 2,297,534.96 |
| Total for preceding year | 579,639.25 | 529,576.62 | 853,812.54 | 994,535.32 | 2,957,563.73 |
| Increase | ..... | ..... | ..... | 22,533.56 | ..... |
| Decrease* | 294,585.30 | 276,796.13 | 111,180.90 | ..... | 660,028.77 |

*The large decrease shown in this statement is due to the creation of independent commercial agencies at Erfurt and Bamberg, reducing the amount of exports at this consulate.

*Exports declared for the United States*—Continued.

CREFELD.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Articles of art, oil paintings, etc. | $351.80 | $136.20 | ..... | $721.62 | $1,209.62 |
| Buttons and button stuffs | 414.66 | 268.10 | $236.13 | 182.33 | 1,101.22 |
| Cotton goods | 7,419.33 | 5,338.07 | 3,589.60 | 16,763.11 | 33,110.11 |
| Chemicals and dyes | 5,674.59 | 5,813.20 | 9,823.51 | 11,162.03 | 32,473.33 |
| Hat bands | 4,668.67 | 2,321.96 | 1,126.39 | 244.02 | 8,361.04 |
| Liquors and wines | 2,323.97 | 5,365.90 | 4,755.52 | 6,930.61 | 19,376.00 |
| Miscellaneous | 143.03 | 1,436.41 | ..... | 297.92 | 1,877.36 |
| Plush goods: | | | | | |
| Silk | 10,499.08 | 5,388.07 | 13,753.30 | 73,436.94 | 103,077.39 |
| Cotton | ..... | ..... | 196.50 | 105.40 | 301.90 |
| Paper ware and labels | 16,504.01 | 23,668.19 | 21,884.04 | 18,771.09 | 80,827.33 |
| Raw silk | 6,084.71 | 10,253.11 | 7,186.50 | 14,848.20 | 38,372.52 |
| Ribbons: | | | | | |
| Velvet | 27,935.86 | 31,240.48 | 31,681.10 | 17,904.90 | 108,762.34 |
| Half silk | 1,734.38 | 11,853.64 | 28,784.86 | 1,125.30 | 43,498.18 |
| Soap | 5,720.56 | 6,862.38 | 3,467.05 | 2,786.95 | 18,836.94 |
| Satins | ..... | ..... | ..... | 549.64 | 549.64 |
| Silk goods | 52,150.15 | 81,477.22 | 32,691.52 | 93,593.85 | 259,912.74 |
| Silk and cotton mixed goods | 170,550.42 | 235,999.16 | 253,152.60 | 423,040.42 | 1,082,742.60 |
| Steel and iron machinery, wire, etc | 4,669.32 | 4,291.61 | 2,190.70 | 2,177.96 | 13,329.59 |
| Velvet goods: | | | | | |
| Silk | 686,463.51 | 407,220.49 | 600,734.80 | 540,480.70 | 2,234,899.50 |
| Cotton | 36,261.33 | 25,521.67 | 28,836.92 | 15,251.57 | 105,871.49 |
| Woolen and silk goods | ..... | 353.35 | ..... | 643.22 | 996.57 |
| Total | 1,039,569.38 | 864,809.21 | 1,044,091.04 | 1,241,017.78 | 4,189,487.41 |
| Total for preceding year | 1,140,685.71 | 603,630.68 | 579,003.18 | 730,740.19 | 3,054,059.76 |
| Increase | ..... | 261,178.53 | 465,087.86 | 510,277.59 | 1,135,427.65 |
| Decrease | 101,116.33 | ..... | ..... | ..... | ..... |

DANTZIC.

| | | | | | |
|---|---|---|---|---|---|
| Amber | $3,684.59 | $2,627.29 | $3,229.76 | $390.49 | $9,932.13 |
| Books | ..... | 870.55 | 653.70 | 1,071.39 | 2,595.64 |
| Brass wares | ..... | ..... | 105.62 | ..... | 105.62 |
| Cattle hair | 1,446.54 | ..... | ..... | ..... | 1,446.54 |
| Cement | ..... | ..... | 1,396.70 | ..... | 1,396.70 |
| Clover, white | ..... | ..... | 813.18 | ..... | 813.18 |
| Dried flowers | ..... | 47.06 | ..... | ..... | 47.06 |
| Liquors | 157.43 | ..... | ..... | ..... | 157.43 |
| Poppy seed | ..... | 821.14 | ..... | ..... | 821.14 |
| Smoked geese | ..... | 675.18 | ..... | ..... | 675.18 |
| Sugar | 73,159.19 | ..... | 136,666.80 | ..... | 203,825.99 |
| Toys | ..... | ..... | 109.32 | ..... | 109.32 |
| Total | 78,447.75 | 5,041.22 | 136,975.08 | 1,461.88 | 221,925.98 |

DRESDEN.

| | | | | | |
|---|---|---|---|---|---|
| Artificial flowers | $23,886.13 | $53,270.71 | $19,597.37 | $3,434.65 | $100,188.86 |
| Battery of artillery | ..... | ..... | ..... | 4,478.04 | 4,478.04 |
| Books | 16,194.50 | 21,365.11 | 31,332.06 | 19,681.96 | 88,573.63 |
| Buttons | 6,426.13 | 6,635.31 | 4,963.23 | 4,796.16 | 22,820.83 |
| China and earthen ware | 73,669.64 | 48,376.50 | 31,003.75 | 49,852.67 | 202,902.56 |
| Cotton goods | 3,146.68 | 8,587.17 | 5,030.24 | 1,882.46 | 18,646.55 |
| Drugs | 20,656.23 | 8,292.61 | 14,252.40 | 26,427.06 | 69,628.30 |
| Egg albumen and yolks | ..... | 8,226.05 | 3,330.92 | 2,501.43 | 14,058.40 |
| Fancy goods | 8,730.49 | 10,155.87 | 6,677.54 | 18,210.07 | 43,773.97 |
| Glassware | 36,697.55 | 43,526.87 | 24,716.12 | 43,925.23 | 148,865.77 |
| Linen and half linen goods | 222,565.58 | 208,166.37 | 264,197.28 | 182,763.58 | 877,692.81 |
| Machinery | ..... | ..... | ..... | 4,374.00 | 4,374.00 |
| Metal leaf | 8,249.63 | 7,992.51 | 3,747.30 | 454.45 | 20,443.89 |
| Musical instruments and musical ware | 6,814.55 | ..... | ..... | ..... | 6,814.55 |
| Paper and paper ware | 14,122.74 | 15,190.07 | 7,871.15 | 11,695.60 | 48,879.56 |
| Photographic paper | 75,536.95 | 52,265.32 | 29,718.59 | 21,859.79 | 179,380.65 |
| Rags | 18,009.66 | 6,655.10 | 17,792.54 | 15,085.13 | 57,542.43 |
| Straw braids | ..... | 7,206.83 | 12,784.66 | 5,459.30 | 25,450.79 |

*Exports declared for the United States*—Continued.

DRESDEN—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Straw pulp | $25,058.21 | $16,446.76 | $20,386.64 | $7,809.93 | $69,701.54 |
| Tobacco and cigarettes | ..... | 7,150.43 | ..... | 1,855.99 | 9,006.42 |
| Wood pulp | 10,730.41 | 8,835.46 | ..... | ..... | 19,565.87 |
| Waste, cotton | 2,980.38 | 21,943.54 | 21,967.43 | 21,514.66 | 68,406.01 |
| Woolen goods | 6,352.37 | 10,016.74 | ..... | 5,101.95 | 21,471.06 |
| Yarn | 13,013.07 | 34,281.05 | 17,144.71 | 8,611.21 | 73,050.04 |
| Sundries | 26,386.47 | 31,301.32 | 35,220.73 | 24,190.53 | 117,099.05 |
| Total | 619,227.37 | 635,887.70 | 571,734.66 | 485,965.84 | 2,312,815.57 |
| Total for preceding year | 541,818.47 | 539,257.15 | 520,783.55 | 554,779.32 | 2,156,638.49 |
| Increase | 77,408.90 | 96,630.55 | 50,951.11 | ..... | 156,177.08 |
| Decrease | ..... | ..... | ..... | 68,813.48 | ..... |

DUSSELDORF.

| | | | | | |
|---|---|---|---|---|---|
| Artists colors | $2,206.75 | $3,059.02 | $3,657.70 | $1,928.97 | $10,852.44 |
| Bitters | ..... | 220.44 | ..... | ..... | 220.44 |
| Books | ..... | 107.10 | ..... | 258.64 | 365.74 |
| Bottles, empty | 17,400.34 | 16,910.02 | 30,262.18 | 23,551.96 | 88,124.50 |
| Braids, bindings, and trimmings | 2,615.67 | 5,698.96 | 7,245.80 | ..... | 15,560.43 |
| Buttonstuffs | 2,003.13 | 1,919.63 | 556.10 | ..... | 4,478.86 |
| Caps and cartridges | 6,818.86 | 2,521.66 | 2,470.44 | 3,387.45 | 15,198.41 |
| Chemicals and dyes | 8,404.82 | 10,120.85 | 5,161.00 | 6,634.04 | 30,320.71 |
| Church robes and ornaments | 78.54 | ..... | ..... | ..... | 78.54 |
| Cooking utensils | 763.23 | 267.00 | ..... | 3,959.82 | 4,990.05 |
| Cutlery | 109,647.97 | 185,828.49 | 256,273.59 | 184,785.41 | 736,535.46 |
| Glassware | 5.71 | 212.16 | 242.16 | 153.15 | 613.18 |
| Hardware | 3,223.88 | 3,601.95 | 10,076.91 | 6,291.90 | 23,194.64 |
| Household effects | 154.70 | 76.89 | ..... | 4,165.00 | 4,396.59 |
| Instruments, musical | ..... | 154.39 | ..... | 199.30 | 353.69 |
| Instruments, surgical | 2,255.13 | 5,347.26 | 4,496.07 | 3,500.26 | 15,598.72 |
| Iron and steel | 1,727.20 | 2,454.62 | 3,638.97 | 8,285.26 | 16,106.05 |
| Liquors | 211.96 | 211.96 | ..... | 94.83 | 518.75 |
| Machinery and parts of | 2,695.93 | 1,837.81 | 770.39 | 1,160.16 | 6,464.29 |
| Mineral water | 918.75 | 918.75 | 597.54 | 1,705.74 | 4,140.78 |
| Paintings (oil and water color) | 2,516.86 | 3,929.53 | 948.09 | 342.69 | 12,737.17 |
| Paper, parchment | 4,765.05 | 12,162.86 | 17,894.42 | 11,051.62 | 45,873.95 |
| Silk and cotton mixed goods | 23,438.51 | 27,596.86 | 24,476.83 | 16,898.91 | 92,411.11 |
| Toys and fancy goods | 2.42 | ..... | ..... | ..... | 2.42 |
| Ultramarine | 2,359.55 | 11,507.51 | 2,893.16 | ..... | 16,760.22 |
| Wine | 621.96 | 624.02 | 1,116.95 | 189.82 | 2,552.77 |
| Woolens and woolen mixed goods | 989.86 | 552.24 | 1,239.49 | 1,761.20 | 4,542.79 |
| Miscellaneous | 6,169.47 | 754.98 | 18,070.10 | 3,178.09 | 28,170.64 |
| Total | 201,996.27 | 303,596.96 | 392,087.89 | 283,482.22 | 1,181,163.34 |
| Total for preceding year | 117,557.83 | 130,867.88 | 148,281.03 | 168,226.75 | 564,933.49 |
| Increase | 84,438.44 | 172,729.08 | 243,806.86 | 115,255.47 | 616,229.85 |

ERFURT.

| | | | | | |
|---|---|---|---|---|---|
| China | $57,097.13 | $25,073.96 | $15,545.25 | $68,305.20 | $166,021.54 |
| Cotton and woolen goods | 14,174.14 | 3,672.72 | 2,632.53 | 22,441.61 | 49,921.00 |
| Drugs, colors, and chemicals | 7,376.29 | 8,502.80 | 4,978.50 | 13,249.80 | 34,107.39 |
| Gloves | 7,863.97 | 7,847.93 | 3,610.03 | 4,072.92 | 23,394.85 |
| Hair | 965.31 | 931.11 | 2,138.98 | 848.69 | 4,874.09 |
| Liquors | 1,670.55 | ..... | 450.70 | 752.30 | 2,873.55 |
| Metal goods | 1,650.62 | 2,068.10 | 1,298.47 | 1,705.52 | 6,722.71 |
| Minerals | 7,647.62 | 6,236.18 | 9,272.47 | 6,313.03 | 29,496.30 |
| Miscellaneous | 503.78 | 839.23 | 624.97 | 1,395.44 | 3,363.42 |
| Scientific instruments | 7,977.02 | 1,333.63 | 3,400.50 | 6,142.17 | 18,853.32 |
| Seeds and plants | 11,689.63 | 58,530.64 | 19,018.58 | 383.90 | 89,622.75 |
| Smokers' articles | 3,464.64 | 1,716.41 | 1,345.15 | 5,057.72 | 11,583.92 |
| Toys | 126,529.38 | 46,343.36 | 11,907.92 | 89,170.03 | 273,950.69 |
| Watches | 13,211.88 | 1,959.43 | 2,210.75 | 13,193.96 | 30,576.02 |
| Wooden ware | 1,129.44 | ..... | ..... | ..... | 1,129.44 |
| Total | 262,968.40 | 165,055.50 | 78,434.80 | 233,032.29 | 739,490.99 |

*Exports declared for the United States*—Continued.

ESSEN.

| Articles. | Quarter ending— | | | | Total |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Books | $3,026.82 | $612.41 | $732.12 | $655.41 | $5,0 |
| Bottles, empty | 657.12 | 2,359.23 | ..... | 377.23 | 3,3 |
| Chemicals and dyes | 9,543.64 | 19,176.41 | 16,528.12 | 17,538.52 | 53,7 |
| Church robes and ornaments | ..... | 329.63 | 776.78 | ..... | 1,1 |
| Glass, beveled and plate | ..... | 964.77 | ..... | ..... | 9 |
| Hams, bacon, and sausage | ..... | ..... | ..... | ..... | 1,8 |
| Hardware | 328.27 | ..... | 1,537.47 | ..... | ..... |
| Iron and steel | 41,082.67 | 64,093.62 | 39,774.33 | 51,300.19 | 196,2 |
| Italian cloth | 320.24 | 142.80 | 475.08 | 687.07 | 1,6 |
| Machinery and parts of | 98,102.59 | 72,046.57 | 161,257.26 | 94,070.73 | 425,4 |
| Plush goods | ..... | ..... | ..... | 904.16 | 9 |
| Shirt bosoms, linen and cotton | 402.14 | ..... | 2,250.54 | 2,137.51 | 4,7 |
| Shoe strings | 2,358.40 | 4,359.38 | 1,524.79 | 157.71 | 8,4 |
| Toys and fancy goods | 1,505.94 | 967.42 | 814.56 | 1,542.10 | 4,8 |
| Ultramarine | 1,223.03 | 3,738.85 | 151.09 | 366.58 | 5,4 |
| Wine | 142.37 | ..... | ..... | ..... | 1 |
| Woolen cloth | 88,651.92 | 33,628.94 | 35,973.15 | 20,281.96 | 128,5 |
| Miscellaneous | 3,636.13 | 702.06 | 2,142.00 | 486.71 | 6,9 |
| Total | 200,987.28 | 194,122.09 | 263,937.29 | 190,505.88 | 849,5 |
| Total for preceding year | 164,590.34 | 156,112.91 | 139,447.84 | 184,560.85 | 644,7 |
| Increase | 36,396.94 | 38,009.18 | 124,489.45 | 5,945.03 | 204,8 |

FRANKFORT-ON-THE-MAIN.

| | | | | | |
|---|---|---|---|---|---|
| Baskets | $1,488.79 | $3,021.75 | $1,500.78 | $2,468.30 | $8,4 |
| Albums, books, photographs, etc. | 45,234.11 | 33,243.64 | 34,275.24 | 29,689.66 | 142,4 |
| Brushes | 883.05 | 450.94 | ..... | ..... | 1,3 |
| Buttons | 7,530.61 | 542.98 | 977.79 | 696.37 | 3,7 |
| Clay | 31,605.78 | 28,278.74 | 12,949.89 | 36,443.86 | 109,2 |
| China, porcelain, and glassware | 19,271.28 | 11,910.66 | 5,252.61 | 7,520.09 | 43,9 |
| Cloth | ..... | 575.06 | 536.76 | ..... | 1,1 |
| Cement | 24,059.65 | 28,547.63 | 7,663.60 | 19,939.27 | 80,2 |
| Colored, photographic, and albumen paper | 91,453.42 | 41,521.00 | 72,803.94 | 29,835.48 | 175,6 |
| Coins | 1,195.69 | ..... | ..... | ..... | 1,1 |
| Downs and feathers | 7,774.09 | 3,974.79 | 898.19 | 8,602.38 | 21,3 |
| Dyes, drugs, and chemicals | 393,156.00 | 373,413.37 | 394,745.70 | 490,927.01 | 1,652,2 |
| Fancy goods and toys | 45,076.26 | 27,851.08 | 11,778.06 | 21,153.87 | 105,8 |
| Fancy paper | 12,288.68 | 12,025.55 | 8,073.43 | 11,852.88 | 44,2 |
| Hatters' fur | 12,146.02 | 27,192.72 | 26,422.83 | 34,535.42 | 100,2 |
| Hair, prepared and raw | 37,176.42 | 46,649.09 | 20,172.91 | 74,779.47 | 178,7 |
| Hare's hair | 51,389.92 | 62,795.14 | 78,449.72 | 58,545.79 | 251,1 |
| Hops | 8,192.87 | 82,348.42 | 21,367.20 | 3,522.33 | 115,4 |
| Ironware | 4,362.52 | 4,297.13 | 4,864.50 | 2,854.04 | 16,3 |
| Instruments | 1,850.04 | 1,078.43 | 117.81 | 779.47 | 3,8 |
| Leather, hides, and skins | 144,441.04 | 162,019.58 | 238,632.52 | 248,753.52 | 793,8 |
| Leather goods | 12,278.01 | 6,740.88 | 9,499.08 | 17,072.62 | 45,5 |
| Linen, woolen, and cotton goods | 14,052.47 | 8,582.11 | 5,693.85 | 7,750.51 | 36,0 |
| Machinery and tools | 9,177.54 | 6,199.53 | 3,461.36 | 4,329.51 | 23,1 |
| Mineral water | 11,069.91 | 20,863.18 | 8,970.80 | 38,524.08 | 79,4 |
| Music, musical strings, and instruments | 2,386.37 | 2,507.02 | 937.79 | 152.72 | 5,9 |
| Optical goods | 14,276.21 | 15,764.23 | 3,967.52 | 3,723.98 | 37,7 |
| Oil paintings | 4,778.16 | 1,761.05 | 520.99 | 966.52 | 8,0 |
| Platina wire and platinum | 75,183.56 | 97,733.69 | 90,038.76 | 106,706.88 | 369,6 |
| Prunes, nuts, land produce, etc. | 648.31 | 1,522.54 | 2,846.80 | 1,422.89 | 6,4 |
| Seeds and plants | ..... | 4,430.49 | 1,879.13 | 675.68 | 6,4 |
| Silk and silk goods | ..... | 677.80 | ..... | ..... | 6 |
| Slipper forms | ..... | ..... | ..... | 1,057.12 | 1,0 |
| Smokers' articles | 4,386.99 | 2,386.42 | 2,432.72 | ..... | 9,2 |
| Soap | 7,121.36 | 7,412.20 | 6,944.38 | 1,280.32 | 22,7 |
| Silverware | 10,395.68 | 4,799.20 | 4,690.60 | 1,014.34 | 20,8 |
| Sausages | 2,822.46 | 10,023.44 | 5,881.00 | 17,842.36 | 36,5 |
| Skin wool | 2,021.84 | 9,943.23 | 25,402.98 | 13,630.92 | 50,9 |
| Sugar | ..... | ..... | 20,852.64 | ..... | 20,8 |
| Steel (manufactured) | 343.36 | 1,536.80 | ..... | 1,341.61 | 3,1 |
| Sundries | 7,498.10 | 4,212.88 | 7,122.52 | 6,127.46 | 24,9 |
| Tinsel thread | ..... | ..... | 128.91 | 250.54 | 3 |
| Wine, liquors, etc | 28,044.24 | 43,239.12 | 28,594.07 | 37,555.04 | 137,4 |
| Watch glasses | 2,104.25 | ..... | ..... | 478.31 | 2,6 |
| Asbestus | 1,191.81 | ..... | 1,366.02 | ..... | 2,5 |
| Rags | ..... | ..... | 11,172.34 | ..... | 11,1 |
| Total | 1,084,446.87 | 1,202,073.51 | 1,183,387.74 | 1,344,892.62 | 4,814,8 |
| Total for preceding year | 934,331.48 | 926,054.36 | 795,413.90 | 928,946.35 | 3,585,3 |
| Increase | 150,115.39 | 275,419.15 | 387,973.84 | 415,946.27 | 1,229,4 |

*Exports declared for the United States*—Continued.

FREIBURG.

| Articles. | To Dec. 30, 1892. * | Quarter ending— | | Total. |
|---|---|---|---|---|
| | | Mar. 31, 1893. | June 30, 1893. | |
| Books, periodicals, and religious articles | $2,776.40 | $9,353.40 | $11,225.40 | $23,355.20 |
| Brushes and bristles | ..... | 170.70 | 72.95 | 243.65 |
| Cellulose (wood pulp) | ..... | 1,222.70 | 177.25 | 1,399.95 |
| Clocks, watches, and parts of | 87.85 | 2,463.60 | 4,283.45 | 6,834.90 |
| Cotton goods, sateens, and yarns | 153,829.85 | 352,365.00 | 32,141.55 | 538,636.40 |
| Designs | ..... | ..... | 114.25 | 114.25 |
| Drugs, chemicals, paints, and colors | 548.25 | 22,245.25 | 8,750.65 | 31,544.15 |
| Engines, apparatus | ..... | 1,654.70 | ..... | 1,654.70 |
| Furniture | ..... | 47.90 | ..... | 47.90 |
| Gum | ..... | ..... | 758.80 | 758.80 |
| Household goods, personal effects, and tools of trade | 285.60 | 1,163.80 | 76.10 | 1,525.50 |
| Leather | ..... | 1,145.30 | ..... | 1,145.30 |
| Linen goods | ..... | 787.55 | 268.40 | 1,055.95 |
| Mathematical and scientific instruments | 171.75 | 396.15 | ..... | 567.90 |
| Metal handles | ..... | 149.40 | ..... | 149.40 |
| Musical instruments, and parts of | 1,504.70 | 5,030.25 | 7,057.05 | 13,592.00 |
| Paper and pasteboard goods | 4,780.95 | 15,096.35 | 9,672.05 | 29,549.35 |
| Photographs | 145.35 | 9,838.30 | 1,556.40 | 11,540.05 |
| Porcelain buttons | 4,082.95 | 12,495.90 | 10,718.30 | 27,297.15 |
| Rollers, engraved | 1,070.80 | 435.20 | 490.00 | 1,996.00 |
| Shoemakers' tools | ..... | 302.95 | ..... | 302.95 |
| Silk goods, velvets, ribbons | 16,670.50 | 38,102.65 | 16,069.00 | 70,842.15 |
| Steel shavings | ..... | 123.90 | 77.60 | 201.50 |
| Stone cement | ..... | 245.45 | 231.95 | 477.40 |
| Sumac, logwood, and galls extract | 2,021.65 | 7,581.20 | 4,830.15 | 14,433.00 |
| Wine | ..... | 75.00 | 448.95 | 523.95 |
| Woolen goods, flannels, and tricots | 102,618.65 | 67,100.50 | 10,194.90 | 179,914.05 |
| Total | 290,595.25 | 549,893.10 | 119,215.15 | 959,703.50 |

* Fractional, Dec. 6 to 31; commercial agency created on Dec. 6.

FÜRTH.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Bronze powder, metal leaf | $84,323.97 | $96,702.52 | $101,093.30 | $85,583.13 | $367,702.92 |
| Brushes | 1,717.71 | 882.58 | 1,754.13 | 326.11 | 4,680.53 |
| Chromos, advertising cards, and picture books | 11,985.19 | 2,251.82 | 3,364.70 | 3,623.03 | 21,224.74 |
| Coffee substitute | 8,528.90 | 8,089.60 | 2,383.58 | 5,028.84 | 24,030.92 |
| Cotton goods | 3,752.58 | ..... | ..... | ..... | 3,752.58 |
| Furs (squirrel tails) | 4,338.88 | 1,638.55 | ..... | 2,578.55 | 8,555.98 |
| Glass, plate, mirror, and window | 466,099.65 | 451,261.27 | 316,964.91 | 390,532.10 | 1,624,877.93 |
| Hops and lupulin | ..... | 19,430.15 | 5,073.71 | ..... | 24,503.86 |
| Household articles (wire and enameled) | 1,787.01 | ..... | 2,527.75 | 1,446.91 | 5,761.67 |
| Lecaic ware | ..... | ..... | ..... | 540.95 | 540.95 |
| Optical and mathematical wares | 6,698.60 | 8,674.39 | 3,963.23 | 7,051.79 | 26,388.01 |
| Picture books | 6,551.99 | ..... | ..... | ..... | 6,551.99 |
| Paper, metaled and colored | 11,863.40 | 11,427.59 | 8,075.59 | 12,240.72 | 43,607.30 |
| Stationers' articles | 6,064.99 | 10,673.25 | 6,480.54 | 22,071.32 | 45,290.10 |
| Smokers' articles | 724.50 | 2,141.54 | 478.22 | 448.78 | 3,793.04 |
| Sundries | 2,345.80 | 2,278.70 | 1,786.72 | 1,601.60 | 8,012.82 |
| Tinfoil | 2,196.10 | ..... | ..... | ..... | 2,196.10 |
| Toys and fancy goods | 146,746.98 | 41,262.67 | 31,135.43 | 156,256.47 | 375,401.50 |
| Umbrella handles (horn) | 6,288.27 | 3,051.58 | 1,960.07 | 1,616.78 | 12,916.65 |
| Total | 772,014.47 | 659,786.21 | 487,041.68 | 690,947.23 | 2,640,789.59 |

*Exports declared for the United States*—Continued.

GERA.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Chemicals | $589.92 | $1,827.89 | $5,491.78 | $1,790.96 | $9,700.55 |
| Chinaware | 16,071.23 | 3,442.70 | 5,082.13 | 14,788.78 | 39,384.84 |
| Colors | 1,765.30 | 1,798.50 | 234.27 | 3,156.62 | 8,954.69 |
| Horn and ivory buttons | 3,872.20 | 3,560.14 | 9,581.02 | 4,754.84 | 21,768.20 |
| Leather | 1,732.56 | 8,080.60 | 23,672.74 | 12,194.25 | 45,680.15 |
| Leather gloves | 40,691.02 | 34,617.66 | 25,755.81 | 25,183.58 | 126,248.07 |
| Machines | 4,967.60 | 1,677.04 | 3,591.60 | ..... | 10,236.24 |
| Miscellaneous | 1,923.42 | 1,270.44 | 1,061.23 | 3,862.43 | 7,117.52 |
| Musical instruments | 6,445.34 | 3,787.53 | 3,404.51 | 7,618.30 | 21,255.68 |
| Shoe findings | 1,322.73 | 310.40 | 914.31 | 1,291.15 | 3,838.59 |
| Worsted goods | 394,780.08 | 385,820.39 | 336,181.79 | 176,433.40 | 1,293,215.66 |
| Total | 474,161.40 | 446,193.29 | 404,971.19 | 252,074.31 | 1,577,400.19 |
| Total for preceding year | 479,891.01 | 362,595.79 | 478,143.47 | 337,520.44 | 1,658,150.71 |
| Increase | ..... | 83,597.50 | ..... | ..... | ..... |
| Decrease | 5,729.61 | ..... | 73,172.28 | 85,446.13 | 80,750.52 |

GLAUCHAU.

| | | | | | |
|---|---|---|---|---|---|
| Books | $161.83 | ..... | $293.86 | ..... | $455.69 |
| Bricks | 226.98 | ..... | ..... | 3,305.40 | 3,532.38 |
| Buttons | ..... | $619.10 | 316.02 | 475.80 | 1,410.92 |
| China | 17,522.74 | 7,133.90 | 6,454.94 | 14,032.92 | 45,144.50 |
| Cloakings | 160.33 | ..... | ..... | ..... | 160.33 |
| Cloth | ..... | 5,595.60 | ..... | ..... | 5,595.60 |
| Colorings for wines | ..... | ..... | ..... | 48.19 | 48.19 |
| Dress goods | 459,029.44 | 201,210.00 | 389,669.40 | 289,901.06 | 1,339,809.90 |
| Gents' cloth | ..... | ..... | 1,765.38 | ..... | 1,765.38 |
| Gloves: | | | | | |
| Cotton | ..... | 259.31 | ..... | ..... | 259.31 |
| Kid | 17,887.78 | 24,603.31 | 24,587.52 | 9,876.57 | 76,955.18 |
| Handles (of metal) for walking sticks | ..... | ..... | 2,069.80 | ..... | 2,069.80 |
| Hosiery: | | | | | |
| Cotton | 73,435.86 | 141,820.75 | 171,926.46 | 125,516.54 | 512,699.61 |
| Silk | 18,643.63 | 22,341.13 | 21,271.05 | 18,717.14 | 80,972.95 |
| Wool | 917.30 | 821.73 | 342.81 | 334.24 | 2,416.08 |
| Linings | 2,345.29 | 3,122.84 | 34,729.48 | 17,606.92 | 57,804.53 |
| Machinery and ironware | 1,630.35 | 610.55 | 1,017.20 | 790.49 | 4,048.59 |
| Paper measures | ..... | ..... | 401.25 | ..... | 401.25 |
| Table covers | ..... | 330.53 | 396.20 | ..... | 726.73 |
| Underwear | 3,259.80 | 3,468.35 | 7,568.41 | 689.84 | 14,985.90 |
| Vest cloth | 718.43 | ..... | ..... | 1,204.99 | 1,918.42 |
| Wax lighters for magic lamps | 524.56 | 756.80 | 1,031.36 | ..... | 2,312.72 |
| Yarns | ..... | 3,889.40 | 15,338.50 | 2,091.31 | 21,314.21 |
| Total | 596,458.82 | 416,583.30 | 679,194.64 | 484,591.41 | 2,176,828.17 |

HAMBURG.

| | | | | | |
|---|---|---|---|---|---|
| Animals | $365.76 | ..... | ..... | ..... | $365.76 |
| Basket, caneware, and rattan | 75,796.30 | $68,971.13 | $50,837.82 | $69,203.36 | 264,808.11 |
| Beet, raw, and grape sugar | 3,492,430.40 | 535,336.66 | 1,304,096.11 | 820,159.40 | 6,152,022.57 |
| Books and printed matter | 3,488.72 | 815.06 | 893.13 | 189.31 | 5,386.22 |
| Bristles, feathers, and horsehair | 57,301.49 | 53,306.91 | 31,632.56 | 39,202.88 | 181,443.84 |
| Canned meat, fish, and vegetables | 4,846.81 | 30,929.70 | 15,287.71 | 13,363.52 | 64,427.74 |
| Chemicals, drugs, dyes, paints, and colors | 46,256.16 | 217,668.64 | 214,738.75 | 172,809.53 | 651,413.08 |
| Coffee | 13,784.65 | 81,481.88 | 26,319.46 | 67,256.90 | 188,842.89 |
| Diamonds and jewelry | 1,350.08 | 868.30 | 377.16 | 949.19 | 3,544.73 |
| Dried fruits and vegetables | 24,629.19 | 67,451.26 | 42,791.73 | 11,827.01 | 146,699.19 |
| Fancy goods and objects of art | 8,135.36 | 4,875.58 | 6,930.20 | 2,146.88 | 22,088.02 |
| Grains, plants, seeds, and fruits | 58,797.29 | 188,026.67 | 308,366.80 | 54,443.88 | 609,634.64 |
| Gutta-percha, crude | 7,115.48 | 20,064.45 | 3,507.06 | 3,737.60 | 34,424.59 |
| Gutta-percha, paper | 26,592.16 | 13,126.14 | 8,069.32 | 19,502.20 | 67,289.82 |
| Haircloth | 808.51 | 861.79 | 2,988.84 | 6,062.67 | 10,671.81 |
| Cotton and cotton goods | ..... | 241.60 | 204.80 | 113.23 | 559.63 |
| Dextrine | ..... | 18,865.22 | 18,890.40 | 844.47 | 38,600.09 |
| Herrings | 11,273.28 | 12,112.06 | 7,454.50 | 196.49 | 31,036.28 |

*Exports declared for the United States*—Continued.

HAMBURG—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Human and animal hair | $12,461.32 | $25,816.72 | $24,359.09 | $33,284.21 | $95,921.34 |
| India and hand rubber— | | | | | |
| Crude | 73,838.81 | 254,217.73 | 204,244.99 | 61,920.50 | 594,222.03 |
| Manufactured | 5,067.01 | 11,458.79 | 21,737.27 | 20,566.20 | 58,829.27 |
| Ivory— | | | | | |
| Raw | 17,691.28 | 51,993.00 | 17,929.28 | 7,944.55 | 95,558.11 |
| Manufactured | | 3,101.54 | 2,967.70 | 1,012.09 | 7,081.33 |
| Leather goods (galoshes) | 2,331.68 | 4,557.55 | 3,018.53 | 4,799.93 | 14,707.69 |
| Leather, raw | | | 3,506.17 | 604.38 | 4,110.55 |
| Linen, hemp, and jute goods | 3,431.98 | 8,199.73 | 519.75 | 244.83 | 12,396.29 |
| China, glass, and porcelain ware | | 576.08 | | | 576.08 |
| Liquors (malt distilled), wines, spirits, juices | 10,523.38 | 11,261.41 | 11,325.00 | 13,027.01 | 46,136.80 |
| Metal goods and hardware | 5,258.25 | 2,341.08 | 7,573.50 | 6,893.35 | 22,066.18 |
| Metal, raw | 7,867.34 | 3,814.52 | 2,891.15 | 783.55 | 15,356.56 |
| Miscellaneous | 82,479.41 | 18,466.26 | 18,248.70 | 108,921.61 | 178,115.98 |
| Musical and scientific instruments | 12,257.83 | 3,989.85 | 2,119.30 | 146.91 | 18,513.89 |
| Paper | 9,557.11 | 17,512.62 | 15,485.60 | 8,848.06 | 51,403.39 |
| Paper manufactures | 258.75 | | | 664.16 | 922.91 |
| Portland cement | 170,657.06 | 122,350.97 | 76,000.00 | 259,900.35 | 628,908.38 |
| Rags, waste, cuttings, baggings | 54,000.31 | 57,061.16 | 25,238.80 | 33,736.26 | 170,036.53 |
| Raw hides and skins | 87,322.98 | 79,141.31 | 82,394.20 | 69,062.81 | 267,921.30 |
| Rennets, guts, and bladders | 6,935.76 | 1,034.27 | 6,042.35 | 16,620.78 | 30,633.16 |
| Salt | 2,126.56 | 211.95 | 329.75 | 290.00 | 2,958.26 |
| Woolen goods | 11,444.44 | 50,380.07 | 13,504.00 | 8,335.59 | 83,664.10 |
| Tobacco | 389.16 | 610.30 | 5,918.55 | 642.21 | 7,560.22 |
| Wood | 4,544.72 | 5,906.81 | 395.10 | 773.72 | 11,620.35 |
| Wood, manufactures of | 1,757.70 | | | 691.40 | 2,449.10 |
| Wood pulp and cellulose | 3,184.80 | 3,265.09 | | | 6,449.89 |
| Wool | 7,746.40 | 1,892.00 | | 2,328.68 | 11,967.08 |
| Glass bottles | | | | 480.95 | 480.95 |
| Eggs and albumen | | | 1,318.35 | 2,541.90 | 3,860.25 |
| Total | 4,326,105.63 | 2,004,163.86 | 2,590,402.98 | 1,947,073.50 | 10,867,745.97 |
| Total for preceding year | 2,010,842.97 | 1,728,936.15 | 1,324,521.68 | 1,132,385.26 | 6,196,686.06 |
| Increase | 2,315,262.66 | 275,227.71 | 1,265,881.30 | 814,688.24 | 4,671,059.91 |

KEHL.

| | | | | | |
|---|---|---|---|---|---|
| Books, periodicals, religious articles | $9,719.05 | $3,658.83 | $3,169.91 | $2,039.89 | $18,587.78 |
| Cellulose (wood pulp) | | 4,248.30 | | | 4,248.30 |
| Chicory and substitute for coffee | 1,389.30 | 1,496.87 | 752.24 | 2,238.81 | 5,877.22 |
| Clocks, watches, and parts of | 940.35 | 470.38 | 1,197.91 | 2,563.92 | 5,172.56 |
| Cotton goods and yarns | | | 1,632.40 | | 1,632.40 |
| Drugs, chemicals, paints, and colors | 52,029.40 | 30,044.10 | 14,899.12 | 35,563.43 | 132,536.05 |
| Flowers, artificial | 508.80 | 399.14 | | 180.65 | 1,088.59 |
| Fruits, preserved, candied, dried | 3,709.50 | 4,883.79 | 255.51 | | 8,848.80 |
| Glassware, watch and spectacle glasses | 44,872.55 | 35,637.54 | 44,861.56 | 41,796.64 | 167,168.29 |
| Hair, animal | 9,036.30 | 13,244.37 | 12,877.69 | 8,887.27 | 44,045.63 |
| Hardware, implements, cutlery | | 492.12 | 1,895.28 | | 2,387.40 |
| Hats (palm) | 224.00 | 118.68 | | 167.95 | 510.63 |
| Hops | | 18,030.22 | | | 18,030.22 |
| Household goods and personal effects | | 714.00 | 333.20 | 952.00 | 1,999.20 |
| Leather, hides, skins, and morocco | 63,558.45 | 74,190.26 | 80,015.96 | 72,444.81 | 290,209.48 |
| Linen goods | 777.55 | | | | 777.55 |
| Musical instruments | 755.80 | | | 292.74 | 1,048.54 |
| Paper buttons and paper maché articles | | 410.55 | 10,388.68 | 9,307.13 | 20,106.36 |
| Paper, pasteboard goods | 8,970.35 | 5,547.54 | 602.50 | 255.85 | 15,376.24 |
| Photographs and pigment paper | 50.00 | 142.80 | | | 192.80 |
| Porcelain and stoneware | 2,429.40 | 2,574.65 | 1,389.28 | 1,206.67 | 7,600.00 |
| Scientific instruments and models | 509.25 | | | | 509.25 |
| Silk goods, velvets, plushes, ribbons | 27,625.55 | 25,892.75 | 19,730.00 | 10,765.24 | 84,013.54 |
| Snuff | 1,848.70 | 796.63 | 1,788.76 | 1,280.82 | 5,214.91 |

*Exports declared for the United States*—Continued.

KEHL—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Steel and steel goods | $31,332.55 | $2,280.51 | $39,759.97 | $31,751.38 | $105,124.41 |
| Terrines de foie gras (goose liver pastry) | 179.35 | 14,834.72 | 3,226.07 | 1,055.15 | 19,295.29 |
| Tinware, stamped | | | | 1,762.15 | 1,762.15 |
| Willows | | | | 533.06 | 533.06 |
| Wine, beer, brandy, liquor | 1,032.65 | 1,226.66 | 1,446.01 | 1,889.70 | 5,595.02 |
| Wire textures | | | 132.52 | 164.15 | 296.67 |
| Wooden tobacco pipes and carved wood | 222.45 | 398.68 | | | 621.13 |
| Woolen goods, tricots, and flannels | 60,257.75 | 47,447.22 | 87,255.95 | 47,715.41 | 242,676.33 |
| Sundries | | | 452.21 | 10.47 | 462.68 |
| Total | 321,479.05 | 289,181.36 | 328,062.73 | 274,825.29 | 1,213,548.43 |
| Total for preceding year | 344,265.80 | 337,531.90 | 319,887.25 | 242,941.90 | 1,244,626.85 |
| Decrease | 22,786.75 | 48,350.54 | | | 31,078.42 |
| Increase | | | 8,175.48 | 31,883.39 | |

KIEL.

| | | | | | |
|---|---|---|---|---|---|
| Glazed papers | $1,382.20 | $438.00 | $831.80 | $900.60 | $3,552.60 |
| Pepsin bitters | 884.15 | 546.15 | 793.55 | 2,666.50 | 5,090.35 |
| Smoked fish | | 77.25 | 1,321.85 | | 1,399.10 |
| Old merchandise | | | 40.00 | | 40.00 |
| Cement | 464.95 | | | 1,413.45 | 1,878.40 |
| Musical instruments | 475.35 | | | | 475.35 |
| Shoe leather | | | | 214.10 | 214.10 |
| Total | 3,206.65 | 1,261.40 | 2,987.20 | 5,194.65 | 12,649.90 |
| Total for preceding year | 2,390.95 | 1,038.26 | 5,809.67 | 2,458.47 | 11,697.35 |
| Increase | | | 2,822.47 | | |
| Decrease | 815.70 | 223.14 | | 2,736.18 | 952.55 |

KONIGSBERG.

| | | | | | |
|---|---|---|---|---|---|
| Amber and ambroid | $9,563.01 | $8,659.74 | $2,945.30 | $31,601.85 | $42,769.90 |
| Beer | 570.98 | 572.70 | | 949.21 | 2,092.89 |
| Bristles and cattle hairs | 24,406.47 | 71,084.17 | 47,152.62 | 81,147.64 | 223,790.90 |
| Flax | 3,799.68 | | 12,867.52 | 8,809.17 | 25,476.37 |
| Hemp and hemp tow | 2,791.62 | 27,043.44 | 11,355.17 | 3,315.15 | 44,510.38 |
| Platinum | 5,565.01 | | | | 5,565.01 |
| Rags and old rubber shoes | 49,267.81 | 39,443.73 | 48,592.80 | 39,942.73 | 177,247.07 |
| Rennets | | | 1,658.38 | 1,655.06 | 3,313.44 |
| Seeds | 18,212.17 | 50,775.59 | 12,128.38 | 7,585.48 | 88,701.62 |
| Skins | | 941.94 | 11,934.93 | 7,810.43 | 20,687.30 |
| Sugar of milk | 598.08 | | | | 598.08 |
| Sundries | 112.23 | 641.29 | 563.16 | | 1,316.68 |
| Total | 114,887.06 | 199,167.60 | 149,198.26 | 172,816.72 | 636,069.64 |
| Total for preceding year | 158,104.87 | 180,095.19 | 131,918.57 | 157,869.87 | 622,988.50 |

LEIPSIC.

| | | | | | |
|---|---|---|---|---|---|
| Books, periodicals, etc | $124,055.80 | $130,558.04 | $123,293.84 | $126,048.13 | $503,955.81 |
| Bristles | 202,500.97 | 46,576.33 | 123,145.95 | 25,015.32 | 397,238.57 |
| China ware | 16,646.49 | 3,814.30 | 5,082.13 | 15,085.78 | 40,628.70 |
| Chromos and fancy paper | 29,551.09 | 23,751.61 | 23,874.96 | 37,560.04 | 114,737.70 |
| Colors and inks | 8,742.77 | 11,187.35 | 13,446.44 | 9,035.69 | 42,412.25 |
| Cotton and linen goods | 2,263.62 | 1,792.46 | 1,271.56 | 523.80 | 5,851.44 |
| Drugs | 9,431.23 | 19,622.68 | 16,761.75 | 10,965.56 | 56,781.21 |
| Essential oils and chemicals | 61,483.71 | 35,700.49 | 63,971.16 | 66,175.48 | 227,330.84 |
| Fruit juice | 4,713.65 | 8,753.12 | 2,149.58 | 5,254.84 | 20,871.19 |
| Furs and skins | 288,299.84 | 170,494.77 | 453,082.55 | 530,119.14 | 1,441,996.30 |
| Galvanos | 964.80 | 732.08 | 564.45 | 634.90 | 2,896.23 |
| Grease | | | 301.56 | 2,352.75 | 2,654.31 |

*Exports declared for the United States*—Continued.

LEIPSIC—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | Jan. 30, 1893. | |
| Ivory and horn buttons | $3,872.20 | $3,560.14 | $9,581.02 | $4,754.84 | $21,768.20 |
| Laces, trimmings | 14,783.58 | 1,284.25 | 15,587.11 | 6,001.38 | 37,656.32 |
| Leather gloves | 48,775.41 | 38,497.69 | 37,560.88 | 43,509.29 | 168,343.27 |
| Machinery | 36,079.96 | 14,072.94 | 23,141.33 | 29,957.69 | 103,251.92 |
| Musical instruments and felt | 32,246.50 | 26,575.36 | 28,895.65 | 30,087.46 | 117,804.97 |
| Music, printed | 19,446.64 | 28,505.21 | 24,202.02 | 23,205.13 | 95,359.00 |
| Optical and scientific instruments | 3,503.80 | 1,277.05 | 1,723.98 | 2,839.63 | 9,344.46 |
| Plants and seeds | 1,193.86 | 1,350.81 | 627.77 | 763.78 | 3,936.22 |
| Shoe findings | 1,322.73 | 310.40 | 914.31 | 1,291.15 | 3,838.59 |
| Sugar | 22,823.43 | 20,642.88 | 19,475.05 | 4,771.01 | 67,712.37 |
| Woolen dress goods | 480,335.88 | 444,182.32 | 412,420.23 | 224,850.40 | 1,561,788.83 |
| Woolen table covers, curtains, carpets | 6,413.52 | 3,968.61 | 7,992.43 | 4,513.03 | 22,887.59 |
| Wool garn | 16,814.40 | 11,454.32 | 1,738.22 | 7,548.13 | 37,555.07 |
| Sundries | 5,720.38 | 4,662.05 | 4,626.53 | 7,441.90 | 22,450.86 |
| Total | 1,441,986.25 | 1,053,327.26 | 1,415,432.46 | 1,220,306.25 | 5,131,052.22 |
| Total for preceding year | 1,831,959.28 | 1,148,014.44 | 1,501,399.52 | 1,721,724.21 | 6,203,097.45 |
| Decrease | 389,973.03 | 94,687.18 | 85,967.06 | 501,417.96 | 1,072,045.23 |

LUBECK.

| | | | | | |
|---|---|---|---|---|---|
| Fruit juices and wines | ..... | $110.00 | $504.00 | ..... | $614.00 |
| Marzipans | ..... | 509.70 | ..... | ..... | 509.70 |
| Oil paintings | ..... | 200.50 | ..... | ..... | 200.50 |
| Old rope, old India-rubber shoes | $3,380.50 | 1,045.61 | 458.30 | $1,644.50 | 6,528.91 |
| Preserves | 3,918.71 | 3,461.33 | 1,924.19 | 1,436.44 | 10,740.67 |
| Raw dry calfskins | ..... | 18,274.92 | ..... | ..... | 18,274.92 |
| Roots and plants | ..... | 3,740.74 | 714.00 | ..... | 4,454.74 |
| Wood, flour | ..... | ..... | ..... | 691.40 | 691.40 |
| Total | 7,299.21 | 27,342.80 | 3,600.49 | 3,772.34 | 42,014.84 |
| Total for preceding year | 3,069.38 | 10,630.30 | 5,239.43 | ..... | 18,939.11 |
| Increase | 4,229.83 | 16,712.50 | ..... | 3,772.34 | 24,714.67 |
| Decrease | ..... | ..... | 1,638.94 | ..... | ..... |

MAGDEBURG.

| | | | | | |
|---|---|---|---|---|---|
| Accordeons | 9,681.66 | 6,950.06 | 4,926.88 | 5,813.23 | 27,371.83 |
| Caps and detonators | 6,963.07 | 3,157.07 | 6,510.19 | 4,896.47 | 21,526.80 |
| Cherries, juice of and preserved | 22,142.14 | 4,275.93 | 2,503.52 | ..... | 28,921.59 |
| Earthen and hollowware | 20,129.30 | 14,968.23 | 9,764.37 | 7,688.64 | 52,550.54 |
| Fertilizing salts | 7,774.93 | 5,471.89 | ..... | 3,706.16 | 16,952.98 |
| Kainit | 93,639.14 | 199,427.93 | 60,392.47 | 131,109.39 | 484,568.93 |
| Lambskins | ..... | 9,388.46 | 7,073.05 | 5,607.05 | 22,068.56 |
| Leather gloves | 43,380.93 | 14,443.24 | 6,080.55 | 1,325.67 | 65,230.39 |
| Machinery | 3,317.78 | 2,180.65 | ..... | 4,528.08 | 10,026.51 |
| Manure salts | 29,390.48 | 184,750.29 | 51,554.60 | 51,945.39 | 317,640.76 |
| Miscellaneous | 6,131.64 | 10,244.75 | 8,704.23 | 5,643.27 | 30,723.89 |
| Muriate of potash | 156,224.19 | 343,407.54 | 207,242.88 | 332,677.47 | 1,039,552.08 |
| Potatoes | ..... | 9,555.75 | 15,498.49 | ..... | 25,054.24 |
| Saccharine | 7,235.20 | 5,585.34 | 5,519.67 | 15,741.02 | 34,081.23 |
| Seeds | ..... | 11,511.07 | 3,771.35 | ..... | 15,282.42 |
| Sauerkraut | ..... | 5,188.10 | 2,725.10 | ..... | 7,913.20 |
| Sugar | 184,404.33 | 139,457.81 | 276,809.81 | 77,714.29 | 678,446.24 |
| Sulphate of potash | 26,732.00 | 104,023.45 | 63,571.94 | 46,356.46 | 240,683.85 |
| Total | 617,146.79 | 1,073,987.56 | 732,709.19 | 694,752.59 | 3,118,596.04 |

*Exports declared for the United States*—Continued.

MANNHEIM.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Books, prints, and articles of art. | $1,560.52 | $1,895.60 | $1,238.44 | $873.81 | $5,588.17 |
| Cement | 107,113.48 | 46,664.42 | 44,213.89 | 87,057.30 | 285,049.09 |
| Cork | 6,847.55 | 6,703.60 | 4,331.97 | 3,787.05 | 21,670.17 |
| Drugs, chemicals, paints, oils, colors, etc | 498,689.95 | 605,814.86 | 503,068.19 | 415,483.60 | 2,023,056.60 |
| Filtering paper | 8,095.33 | 2,267.42 | ..... | 759.45 | 11,122.20 |
| Furniture, household goods | 59.26 | ..... | 951.04 | 315.71 | 1,326.01 |
| Feathers | ..... | 5,281.23 | ..... | ..... | 5,281.23 |
| Glassware (hollow), watch crystals, spectacle glasses, etc | 2,252.72 | 8,297.63 | 9,427.14 | 14,370.91 | 34,348.40 |
| Gold ware, mostly jewelry | 7,323.76 | 1,922.36 | 7,273.48 | 2,267.33 | 18,786.93 |
| Glue, and cattle hair | 3,299.83 | 5,363.24 | 6,490.73 | 3,235.59 | 18,389.39 |
| Hops | ..... | 35,035.88 | 369.33 | ..... | 35,405.21 |
| Land produce, fruits, pastries, etc | 3,336.70 | 3,084.33 | 595.71 | 1,539.21 | 8,555.95 |
| Leather, mostly calf, kid, and morocco, and hides | 329,305.02 | 315,035.48 | 332,038.79 | 194,884.76 | 1,171,264.05 |
| Leather gloves | 11,959.41 | 7,120.20 | 13,691.61 | 4,148.28 | 36,919.50 |
| Machinery, cutlery, and other hardware | 1,006.50 | 998.35 | 11,140.46 | 352.11 | 13,477.42 |
| Musical instruments and works | 335.74 | ..... | ..... | ..... | 335.74 |
| Metal wreaths and crosses | 4,763.12 | 2,063.22 | 1,593.54 | 2,186.17 | 10,606.05 |
| Paper and paper hangings | ..... | 753.30 | 982.18 | 8,963.59 | 10,699.07 |
| Pencil sharpeners | 3,777.82 | ..... | ..... | 1,336.10 | 5,113.92 |
| Porcelain ware | 79.37 | 150.18 | ..... | ..... | 229.55 |
| Rubber goods and fancy articles | 3,428.98 | 4,895.98 | 972.54 | ..... | 9,297.50 |
| Rags | 3,219.10 | 7,663.60 | 11,738.09 | 11,952.88 | 34,573.67 |
| Smokers' articles | ..... | 123.52 | ..... | ..... | 123.52 |
| Sheeps entrails | 1,372.70 | 1,845.11 | 2,761.46 | 1,578.41 | 7,057.68 |
| Shoes, galoshes | ..... | ..... | 7,449.55 | 3,350.80 | 10,800.35 |
| Skin and carpet wool | ..... | 51,327.02 | ..... | ..... | 51,327.02 |
| Silk dress goods, plushes, ribbons, thread twist | 29,036.60 | 113.05 | ..... | ..... | 29,149.65 |
| Table cloth, linen goods | ..... | ..... | ..... | ..... | ..... |
| Wines and brandies | 73,353.02 | 63,575.31 | 63,220.74 | 74,017.52 | 274,166.59 |
| Woolen and worsted cloth | 374.95 | 1,540.10 | 27,560.79 | 3,160.05 | 32,635.89 |
| Wood pulp, sulphite of wood pulp, cellulose | 149,662.14 | 159,599.59 | 200,648.70 | 185,155.40 | 695,060.83 |
| Miscellaneous | 7,250.85 | 5,787.27 | 6,548.11 | 5,992.18 | 25,578.41 |
| Total | 1,257,504.22 | 1,344,421.85 | 1,258,301.48 | 1,026,748.21 | 4,886,975.76 |
| Total for preceding year | 935,007.56 | 915,450.91 | 1,082,568.26 | 1,251,214.44 | 4,184,241.17 |
| Increase | 322,496.66 | 428,970.94 | 175,733.22 | ..... | 702,734.59 |
| Decrease | ..... | ..... | ..... | 224,466.23 | ..... |

MAYENCE.

| | | | | | |
|---|---|---|---|---|---|
| Agateware, jewelry, and imitation jewelry | $97,600.49 | $91,952.47 | $109,026.25 | $134,011.71 | $432,590.92 |
| Aniline colors | 38,916.76 | 34,350.69 | 35,440.58 | 26,338.79 | 135,046.82 |
| Boneblack | ..... | ..... | 1,154.61 | ..... | 1,154.61 |
| Calf hair | 3,496.70 | 5,692.13 | 5,069.98 | 3,271.98 | 17,530.79 |
| Copal | ..... | ..... | 4,425.92 | ..... | 4,425.92 |
| Cement | 74,080.23 | 37,663.67 | 39,886.06 | 82,841.49 | 234,471.45 |
| Chemicals | 68,792.50 | 75,381.31 | 77,535.12 | 65,418.99 | 287,127.92 |
| Emery | ..... | 1,068.07 | ..... | ..... | 1,068.07 |
| Glue | 12,453.89 | 12,593.14 | 9,385.57 | 21,335.02 | 55,767.62 |
| Hops | ..... | 117,470.02 | 34,431.15 | ..... | 151,901.17 |
| Household effects | 3,190.62 | ..... | ..... | ..... | 3,190.62 |
| Leather | 40,914.18 | 37,216.96 | 21,426.99 | 52,170.23 | 151,728.36 |
| Machines | ..... | ..... | ..... | 5,939.24 | 5,939.24 |
| Oil paintings | 2,332.69 | 1,437.00 | 3,680.19 | ..... | 7,449.88 |
| Preserved fruits | 11,075.62 | 8,052.00 | 1,397.60 | 465.41 | 20,990.63 |
| Printed music | ..... | ..... | 1,029.80 | 962.27 | 1,992.07 |
| Saws | 1,527.38 | 3,581.47 | 4,944.06 | 3,549.61 | 13,602.52 |
| Straw pulp | 14,078.56 | 19,762.60 | 7,387.09 | 9,254.72 | 50,482.97 |
| Silk curtains | ..... | ..... | ..... | 1,705.50 | 1,705.50 |
| Tinfoil | 4,021.11 | 3,142.13 | 3,669.29 | 3,475.17 | 14,307.70 |
| Wine | 199,574.41 | 294,990.34 | 201,787.62 | 302,788.32 | 999,140.69 |
| Wood pulp | 2,807.67 | 9,591.85 | 4,392.21 | 6,715.57 | 23,507.30 |
| Woodwork | ..... | ..... | ..... | 10,402.23 | 10,402.23 |
| Sundries | 2,144.67 | 4,361.15 | 3,489.69 | 3,391.37 | 13,386.88 |
| Total | 577,007.48 | 758,307.00 | 569,559.78 | 734,037.62 | 2,638,911.88 |
| Total for preceding year | 524,094.95 | 654,288.32 | 448,586.66 | 635,535.16 | 2,262,505.09 |
| Increase | 52,912.53 | 104,018.68 | 120,973.12 | 98,502.46 | 376,406.79 |

*Exports declared for the United States*—Continued.

NUREMBERG.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Beer | $4,726.95 | $4,327.34 | $4,606.14 | $6,175.38 | $19,835.81 |
| Brushes and hair pencils | 17,524.13 | 25,553.38 | 15,672.10 | 14,611.29 | 73,360.90 |
| Bronze powder | 76,478.98 | 87,929.31 | 59,492.72 | 67,107.88 | 291,008.89 |
| Books, paper ware | 19,678.19 | 2,412.19 | 8,920.16 | 23,926.76 | 54,937.30 |
| Carbons, electric | ..... | ..... | 1,542.19 | 2,396.68 | 3,938.87 |
| Clay and plumbago | 3,598.26 | 6,557.16 | 396.17 | 892.08 | 11,443.67 |
| China and glass ware | 3,435.87 | 3,334.13 | 14,482.58 | 21,754.56 | 43,007.19 |
| Colored paper | ..... | ..... | 4,469.68 | 384.92 | 4,854.60 |
| Decalcomania | 21,899.46 | 22,644.73 | 27,184.72 | 22,727.27 | 94,456.18 |
| Drugs and medicines | 3,431.22 | 3,891.59 | 2,764.19 | 2,383.30 | 12,470.30 |
| Fancy goods and toys | 12,012.99 | 2,255.44 | 6,613.65 | 15,194.20 | 36,076.28 |
| Fancy paper | 15,525.66 | 8,143.46 | ..... | ..... | 23,669.12 |
| Glass plates | 541.83 | 1,939.15 | 687.04 | 495.18 | 3,663.20 |
| Gold and metal paper | 61.08 | 633.69 | 556.98 | 335.34 | 1,587.09 |
| Gas-burners | 3,894.70 | 5,284.03 | 5,264.75 | 7,033.78 | 21,477.26 |
| Gingerbread | ..... | 2,519.26 | ..... | ..... | 2,519.26 |
| Hops | 9,110.37 | 262,303.55 | 163,822.11 | 21,687.41 | 456,923.44 |
| Instruments, mathematical | 15,345.52 | 5,409.46 | 4,548.48 | 7,813.01 | 33,116.47 |
| Iron ware | 23,415.33 | 9,826.85 | 10,606.59 | 14,831.65 | 58,680.92 |
| Leather, hides, and skins | 551.59 | 4,118.18 | 18,461.09 | 3,244.90 | 26,375.76 |
| Leonic ware | 15,471.24 | 13,976.29 | 18,856.39 | 8,820.67 | 57,124.59 |
| Linen and woolen ware | 12,967.81 | 2,375.09 | 1,553.67 | 844.53 | 17,741.10 |
| Lithographic stones | 44,866.23 | 34,483.89 | 25,750.45 | 21,508.74 | 126,008.31 |
| Machinery | ..... | 468.09 | ..... | ..... | 468.09 |
| Musical and brass wire | 9,193.60 | 7,894.62 | 7,270.79 | 9,933.36 | 34,092.37 |
| Oil paintings and chromos | 1,606.86 | 1,771.19 | 1,708.94 | 3,691.36 | 8,778.35 |
| Optical goods | ..... | 1,897.64 | 630.39 | 2,603.68 | 5,131.71 |
| Slates, lead pencils, etc | 22,829.70 | 22,548.49 | 31,261.89 | 26,708.97 | 103,349.05 |
| Smokers' articles | 1,440.78 | ..... | 2,934.75 | 1,722.64 | 6,098.17 |
| Statuary and antiquities | 583.23 | 645.83 | 3,553.31 | 1,358.19 | 6,140.55 |
| Sundries | 2,523.81 | 3,688.15 | 816.16 | 916.30 | 7,944.42 |
| Ultramarine | 10,526.24 | 13,797.32 | 9,924.44 | 13,199.58 | 47,447.58 |
| Wafers | 845.09 | 253.13 | 950.79 | ..... | 2,049.01 |
| Wine | 1,806.68 | 1,846.17 | 499.42 | 1,180.59 | 5,332.86 |
| Total | 355,893.89 | 564,527.85 | 455,802.73 | 325,484.15 | 1,701,708.62 |

PLAUEN.

| | | | | | |
|---|---|---|---|---|---|
| Cotton laces and embroideries | $156,048.45 | $207,253.23 | $331,324.07 | $154,701.00 | $849,326.75 |
| Cotton stuffs (congress, etc) | 17,857.05 | 1,489.38 | 3,117.41 | ..... | 22,463.84 |
| Embroidered cotton articles | 17,520.40 | 11,672.22 | 15,919.98 | 11,089.02 | 56,201.62 |
| Embroidered linen articles | 29,445.05 | 18,938.30 | 20,576.93 | 12,388.73 | 81,349.01 |
| Embroidered silk articles | 8,744.49 | ..... | ..... | ..... | 8,744.49 |
| Hosiery: | | | | | |
| Cotton | 62,710.65 | 61,425.91 | 92,746.88 | 78,722.82 | 295,605.26 |
| Woolen | 32,188.69 | 5,076.25 | 1,467.02 | 10,455.68 | 49,787.64 |
| Lace curtains | 4,133.13 | ..... | ..... | ..... | 4,133.13 |
| Miscellaneous | 5,611.72 | 4,933.10 | 7,633.30 | 15,646.24 | 33,824.36 |
| Musical instruments and strings | 276,349.71 | 215,180.32 | 168,116.96 | 237,431.88 | 897,078.89 |
| Porcelain | 37,123.50 | 6,189.48 | 10,283.90 | 20,459.18 | 74,056.06 |
| Shell goods | 1,646.80 | 2,679.46 | 11,295.65 | 8,235.07 | 23,856.98 |
| Silk laces | 41,346.39 | 12,442.00 | 24,567.62 | 20,280.29 | 98,636.30 |
| Woolen dress goods | 437,843.39 | 413,312.18 | 452,423.73 | 245,729.42 | 1,549,308.72 |
| Woolen shawls | 13,339.68 | 5,100.91 | 25,557.66 | 14,083.28 | 58,081.53 |
| Total | 1,141,909.10 | 966,292.74 | 1,165,031.13 | 829,221.61 | 4,102,454.58 |
| Total for preceding year | 732,156.70 | 720,673.78 | 798,845.41 | 787,869.20 | 3,039,545.09 |
| Increase | 409,752.40 | 245,618.96 | 366,185.72 | 41,352.41 | 1,062,909.49 |

*Exports declared for the United States*—Continued.

SONNEBERG.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Baskets | $5,812.18 | $1,888.45 | $921.79 | $2,738.93 | $11,361.35 |
| Dolls and toys | 546,077.85 | 133,260.15 | 99,603.18 | 403,576.13 | 1,182,517.31 |
| Drugs, chemicals, paints, colors | 8,285.36 | 6,481.29 | 6,474.80 | 7,645.42 | 28,886.87 |
| Glassware | 33,054.79 | 21,918.46 | 16,234.47 | 17,207.78 | 88,415.50 |
| Gloves, kid and other | 7,286.70 | 5,616.28 | 4,072.55 | 5,127.15 | 22,102.68 |
| Guns | 5,002.76 | 5,794.80 | 1,412.17 | 2,830.86 | 15,040.59 |
| Mineral waters | 417.07 | 826.12 | ..... | ..... | 1,243.19 |
| Paper articles, buttons, papier-maché ware | 10,484.45 | 7,414.78 | 6,942.57 | 6,771.21 | 31,613.01 |
| Porcelain and stoneware | 848,943.66 | 84,964.24 | 92,076.49 | 262,984.71 | 789,969.10 |
| Slate pencils | 4,334.05 | 4,844.29 | 5,260.19 | 13,264.04 | 27,702.57 |
| Smokers' articles | 549.04 | ..... | 188.76 | 188.76 | 926.56 |
| Steel and ironware | 4,695.90 | 4,391.86 | 5,629.97 | 5,652.68 | 20,370.41 |
| Wine, beer, brandies | 5,313.86 | 7,186.30 | 8,577.73 | 8,046.67 | 29,124.56 |
| Wooden ware | ..... | ..... | 3,803.64 | 3,227.14 | 7,030.78 |
| Woolens | 14,277.65 | 466.93 | ..... | 2,573.68 | 17,318.26 |
| Sundries | ..... | ..... | 582.18 | 796.48 | 1,378.66 |
| Total | 994,535.32 | 285,053.95 | 252,780.49 | 742,631.64 | 2,275,001.40 |
| Total for preceding year | 1,404,964.43 | 579,639.25 | 529,576.62 | 853,812.54 | 3,367,992.84 |
| Decrease | 410,429.11 | 294,585.30 | 276,796.13 | 111,180.90 | 1,092,991.44 |

STETTIN.

| | | | | | |
|---|---|---|---|---|---|
| Amber goods | $901.09 | $2,996.72 | $1,847.87 | $5,707.10 | $11,452.78 |
| Beans | 1,749.66 | 1,728.26 | 1,304.10 | ..... | 4,782.02 |
| Candles | ..... | ..... | 153.40 | ..... | 153.40 |
| Cellulose and parchment paper, imitated | 14,522.23 | 13,060.26 | 15,450.13 | 20,120.94 | 63,153.56 |
| Cement, Portland | 120,189.60 | 49,358.74 | 19,996.56 | 135,618.08 | 325,162.98 |
| Dextrin and potato farina | ..... | 38,529.06 | 8,704.33 | 14,198.14 | 61,431.53 |
| Earthenware, fireproof | 3,190.55 | 1,131.85 | ..... | 1,315.11 | 5,637.51 |
| Glucose | ..... | 420.71 | ..... | 327.09 | 747.80 |
| Goosemeat | ..... | 3,916.72 | 792.16 | ..... | 4,708.88 |
| Herring: | | | | | |
| Salt | 11,754.92 | 4,945.68 | 5,935.74 | 3,959.40 | 26,595.74 |
| Preserved | ..... | 1,954.46 | ..... | ..... | 1,954.46 |
| Live stock | ..... | ..... | 3,284.40 | ..... | 3,284.40 |
| Miscellaneous | 1,227.83 | 424.83 | ..... | 616.06 | 2,268.72 |
| Oils: | | | | | |
| Essential and fusel | ..... | ..... | 555.47 | 1,838.00 | 2,393.47 |
| Rapeseed | 4,755.74 | 2,373.11 | 4,769.02 | 105.50 | 12,003.37 |
| Ozocerit and ceresin | 11,797.97 | 9,299.74 | 4,478.01 | 17,708.57 | 43,284.29 |
| Potash, carb. calc | 3,453.13 | ..... | ..... | 1,488.76 | 4,941.89 |
| Prunes | ..... | 2,263.10 | 843.64 | ..... | 3,106.74 |
| Rags and old jute bagging | 39,862.63 | ..... | 64,300.24 | 46,014.81 | 150,177.68 |
| Seed | ..... | ..... | 7,758.36 | ..... | 7,758.36 |
| Skins, calves, rabbits | ..... | 5,511.98 | 9,532.19 | ..... | 15,044.17 |
| Spelter | 10,598.63 | ..... | ..... | 7,361.74 | 17,960.37 |
| Starch, potato | ..... | 3,795.45 | 988.70 | 1,561.53 | 6,345.68 |
| Sugar, beetroot | 149,411.08 | 39,613.61 | 78,529.27 | 46,112.50 | 313,666.46 |
| Tin boxes | ..... | ..... | 335.27 | ..... | 335.27 |
| Zinc dust | ..... | 6,128.82 | 7,784.74 | ..... | 13,913.56 |
| Total | 373,415.06 | 187,453.10 | 237,343.60 | 304,053.33 | 1,102,265.09 |
| Total for previous year | 233,131.67 | 199,716.39 | 99,295.13 | 149,388.05 | 681,531.24 |
| Increase | 140,283.39 | ..... | 138,048.47 | 154,665.28 | 420,733.85 |
| Decrease | ..... | 12,263.29 | ..... | ..... | ..... |

*Exports declared for the United States*—Continued.

STUTTGART.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Chicory | $28,679.61 | $12,625.79 | $27,901.83 | $15,170.22 | $83,777.45 |
| Colors | 19,060.20 | 22,052.81 | 23,335.68 | 16,673.57 | 81,722.26 |
| Corsets | 29,693.94 | 26,682.44 | 28,490.98 | 18,945.63 | 103,812.99 |
| Cotton goods | 1,520.65 | 1,766.38 | ..... | 11,247.01 | 14,534.04 |
| Drugs and chemicals | 34,375.45 | 40,809.41 | 38,489.06 | 28,694.69 | 142,368.63 |
| Illustrated periodicals and books | 18,542.15 | 19,100.41 | 10,312.97 | 9,794.70 | 57,750.23 |
| Jewelry | 1,356.83 | 233.48 | ..... | 1,387.60 | 2,977.91 |
| Land produce | 14,230.16 | 59,596.15 | 38,695.22 | 7,615.19 | 120,136.72 |
| Leather | 1,076.72 | 1,383.34 | 955.20 | 1,343.20 | 4,758.46 |
| Linen goods | 15,652.82 | 10,334.96 | 10,739.60 | 12,779.05 | 49,506.43 |
| Metal ware | 2,850.01 | 1,244.65 | 1,871.52 | 3,835.97 | 9,802.15 |
| Miscellaneous | 36,946.03 | 31,837.35 | 32,142.02 | 37,403.51 | 138,328.91 |
| Musical instruments | 50,154.07 | 61,986.42 | 54,111.99 | 62,316.76 | 228,569.24 |
| Paper | 633.56 | 869.75 | 1,607.99 | 661.74 | 3,773.04 |
| Professional and scientific instruments | 6,661.33 | 7,058.27 | 6,486.02 | 4,609.39 | 24,815.01 |
| Pumice stones | 3,101.28 | 621.16 | 2,476.49 | 2,451.56 | 8,650.49 |
| Watchmen's detectors | 825.00 | 1,304.37 | 1,729.80 | 1,465.75 | 5,324.92 |
| Wine and liquors | 193.23 | 944.05 | 766.64 | 468.28 | 2,372.20 |
| Wooden ware | 3,407.51 | 889.43 | 3,311.06 | 2,854.40 | 10,462.42 |
| Woolen ware | 60,038.41 | 27,300.37 | 49,621.81 | 13,957.95 | 150,918.54 |
| Total | 328,998.96 | 329,240.99 | 332,445.92 | 253,676.17 | 1,244,362.04 |
| Total for preceding year | 334,423.60 | 253,820.17 | 231,337.86 | 268,045.08 | ..... |
| Decrease | 5,424.64 | ..... | ..... | 14,368.91 | ..... |
| Increase | ..... | 75,420.82 | 101,108.06 | ..... | 156,735.33 |

## KÖNIGSBERG.

*Statement showing the imports at Königsberg for the year ending December, 1892.*

| Description. | Quantity. | Value entered. | Whence imported. |
|---|---|---|---|
| *I.—Grain, pulse, and seeds.* | | *Marks.* | |
| Wheat.....tons.. | 56,227 | 8,434,050 | The province and Russia. |
| Rye.....do.... | 54,242 | 7,485,396 | |
| Barley.....do.... | 14,544 | 1,454,400 | |
| Oats.....do.... | 25,226 | 2,522,600 | |
| Buckwheat.....do.... | 1,585 | 237,750 | |
| Beans.....do.... | 56,841 | 7,866,210 | |
| Tares.....do.... | 11,899 | 1,164,203 | |
| Maize.....do.... | 4,635 | 945,540 | |
| Hemp seed.....do.... | 18,359 | 3,763,595 | |
| Linseed.....do.... | 7,386 | 1,514,130 | |
| Clover seed and others.....do.... | 11,352 | 4,540,800 | |
| Products of the mills.....do.... | 12,757 | 3,189,250 | |
| Bran.....do.... | 7,604 | 646,340 | |
| Total..... | 282,657 | 43,764,264 | |
| *II.—Flax, hemp, and tow.* | | | |
| Flax.....tons.. | 38,184 | 21,001,200 | Russia. |
| Hemp.....do.... | 38,578 | 18,324,550 | |
| Flax and hemp tow.....do.... | 7,437 | 1,859,250 | |
| Total..... | 84,199 | 41,165,100 | |
| *III.—Wood, wooden articles, and furniture.* | | | |
| Timber.....festmeters.. | 393,248 | 6,930,629 | The province and Russia. |
| Cut veneers.....tons.. | 4·6 | 23,000 | |
| Wood and coopers' ware.....do.... | 443·2 | 66,480 | |
| Furniture and utensils.....do.... | 30·3 | 34,239 | |
| Charcoal.....do.... | 7·5 | 450 | |
| Total.....festmeters... / tons..... | 393,248 / 485·6 | 7,054,798 | |

*Statement showing the imports at Königsberg, etc.*—Continued.

| Description. | Quantity. | Value entered. | Whence imported. |
|---|---|---|---|
| | | *Marks.* | |
| *IV.—Colonial produce.* | | | |
| Tea ..... tons.. | 3,168 | 3,484,800 | England and Germany. |
| Coffee ..... do.... | 2,284 | 4,339,600 | |
| Rice ..... do.... | 4,460·3 | 314,361 | |
| Spices of all kinds ..... do.... | 464·5 | 397,340 | |
| Fruits ..... do.... | 716 | 257,760 | |
| Raw cotton ..... do.... | 40 | 34,800 | |
| Indigo ..... do.... | 3·9 | 3,900 | |
| Dyeing woods ..... do.... | 364·9 | 47,437 | |
| Total ..... do.... | 11,501·6 | 9,479,998 | |
| *V.—Horses, cattle, and animal products.* | | | |
| Horses ..... number.. | 4,276 | 3,206,000 | The province and Russia. |
| Other living cattle and fowl ..... do.... | 9,589 | 4,794,500 | |
| Tallow, candle and others ..... tons.. | 22,899 | 2,175,405 | |
| Hides, skins ..... do.... | 101·7 | 223,740 | |
| Leather ..... do.... | 318·9 | 956,700 | |
| Wool ..... do.... | 185 | 4,625,000 | |
| Bristles, cattle hairs ..... do.... | 147 | 44,100 | |
| Whale oil ..... do.... | 413·4 | 227,370 | |
| Sundries ..... do.... | 11,009·8 | 5,504,940 | |
| Total ..... pieces.. / tons.... | 100,166 / 15,098·4 | 21,757,755 | |
| *VI.—Mineral products and wares.* | | | |
| Pitcoal and cokes ..... tons.. | 191,208·8 | 2,676,916 | Germany and England. |
| Salt ..... do.... | 6,926·9 | 131,611 | |
| Lime, cement, bricks, and tiles ..... do.... | 22,022·8 | 660,684 | |
| Glass, porcelain, stoneware (crockery) .. do.... | 3,201·4 | 640,280 | |
| Sundries ..... do.... | 24,843·8 | 496,876 | |
| Total ..... | 243,203·2 | 4,606,367 | |
| *VII.—Metals, quincaillery, engines, and instruments.* | | | |
| Pig iron and old ..... tons.. | 4,255·6 | 234,058 | Germany and England. |
| Forged iron, plate ..... do.... | 8,614·7 | 1,981,381 | |
| Iron bars and steel ..... do.... | 7,354·1 | 1,676,656 | |
| Iron and steel wares ..... do.... | 11,939·6 | 2,268,524 | |
| Small wares (quincaillery) ..... do.... | 35 | 9,800 | |
| Copper and brass and their products .. do.... | 236·3 | 47,260 | |
| Other metals and wares ..... do.... | 715·8 | 715,800 | |
| Instruments, engines, and parts ..... do.... | 1,126·2 | 450,480 | |
| Total ..... | 39,277·3 | 6,883,959 | |
| *VIII.—Chemicals, manure, oil, and cakes.* | | | |
| White lead ..... tons.. | 31·6 | 12,640 | Germany. |
| Sulphur ..... do.... | 47·5 | 5,937 | |
| Sulphuric acid ..... do.... | 27·1 | 20,325 | |
| Soda, soda ash, potash, saltpeter, salt and salt peter acid ..... tons.. | 6,659·8 | 873,071 | |
| Alum ..... do.... | 74·9 | 11,235 | |
| Green copperas ..... do.... | 122·3 | 24,315 | |
| Caustic natron ..... do.... | 23·4 | 56,160 | |
| Chloride of lime ..... do.... | 411·2 | 82,240 | |
| Drugs and coloring stuffs ..... do.... | 1,198·2 | 1,797,300 | |
| Double carbonic natron ..... do.... | 179·4 | 35,292 | United States. |
| Starch ..... do.... | 657·1 | 236,556 | |
| Petroleum ..... do.... | 1,284·3 | 1,605,375 | |
| Cocoanut oil ..... do.... | 162·7 | 74,822 | |
| Olive oil ..... do.... | 51·5 | 35,020 | Germany. |
| Oils of all kinds and turpentine ..... do.... | 2,502·3 | 1,276,265 | |
| Oil cakes ..... do.... | 1,533·6 | 176,364 | |
| Sundries ..... do.... | 2,225·4 | 445,080 | |
| Total ..... | 29,205·5 | 6,868,897 | |
| *IX.—Consumptive articles.* | | | |
| Sugar, raw and refined ..... tons.. | 8,022·6 | 2,727,684 | Germany, England, and France. |
| Sirup, molasses, honey ..... do.... | 434 | 132,275 | |
| Spirits, arac, rum ..... do.... | 6,883 | 4,818,100 | |
| Wine ..... do.... | 2,299 | 3,448,500 | |
| Beer of all sorts, porter ..... do.... | 276·8 | 5,196,504 | |
| Tobacco ..... do.... | 205 | 287,000 | |
| Butter and cheese ..... do.... | 740·1 | 1,075,338 | |

*Statement showing the imports at Königsberg, etc.*—Continued.

| Description. | Quantity. | Value entered. | Whence imported. |
|---|---|---|---|
| *IX.—Consumptive articles*—Continued. | | | |
| | | *Marks.* | |
| Herrings ..... tons.. | 46,139 | 5,075,290 | Norway. |
| Several others ..... do.... | 13,398·9 | 1,339,890 | |
| Total ..... | 98,889·4 | 24,100,581 | |
| *X.—Textiles, manufactures, and similar.* | | | |
| Cotton yarn ..... tons.. | 1,034·6 | 1,551,900 | Germany and England. |
| Cotton articles ..... do.... | 636·6 | 1,336,860 | |
| Silks, silk and mixed ..... do.... | 9·7 | 232,800 | |
| Woolen yarn and shoddy ..... do.... | 603 | 603,000 | |
| Linen yarn and twist ..... do.... | 1,452·2 | 2,904,400 | |
| Linen and bagging canvass ..... do.... | 976 | 1,952,000 | |
| War cloth and ready-made clothes .... do.... | 13·8 | 41,400 | |
| Rags ..... do.... | 230·4 | 39,168 | Russia. |
| Sundries ..... do.... | 553·1 | 1,327,440 | |
| Total ..... | 5,509·4 | 9,988,968 | |
| *XI.—Sundries.* | | | |
| Hops ..... tons.. | 6·1 | 20,250 | Germany. |
| Paper, books, and printed matter ..... do.... | 3,061·9 | 1,424,760 | |
| Asphalt ..... do.... | 602·9 | 66,319 | |
| Sundries ..... do.... | 75,812 | 9,855,560 | |
| Total ..... | 79,482·9 | 11,366,891 | |

RECAPITULATION.

| Description. | Value entered. |
|---|---|
| | *Marks.* |
| Grains, pulse, and seeds | 43,764,264 |
| Flax, hemp, and tow | 41,185,000 |
| Wood, wooden articles, and furniture | 7,054,798 |
| Colonial produce | 9,479,998 |
| Horses, cattle, and animal products | 21,757,755 |
| Mineral products and wares | 4,606,367 |
| Metal, quincaillery, engines, and instruments | 6,883,959 |
| Chemicals, manure, oil, and cakes | 6,868,897 |
| Consumptive articles | 24,100,581 |
| Textiles, manufacture and similar | 9,988,968 |
| Sundries | 11,366,891 |
| Total | 187,057,478 |

*Statement showing the exports from Königsberg for the year ending December, 1892.*

| Description. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| *I.—Grains, pulse, and seeds.* | | | |
| | | *Marks.* | |
| Wheat ..... tons.. | 65,119 | 9,767,850 | Germany, England, France, Belgium, and Denmark. |
| Rye ..... do.... | 36,026 | 4,971,588 | |
| Barley ..... do.... | 11,617 | 1,161,700 | |
| Oats ..... do.... | 23,163 | 2,316,300 | |
| Buckwheat ..... do.... | 1,364 | 238,789 | |
| Pease, beans, and tares ..... do.... | 57,484 | 8,117,593 | |
| Maize ..... do.... | 10,287 | 997,839 | |
| Hemp seed ..... do.... | 6,572 | 1,445,840 | |
| Linseed ..... do.... | 19,539 | 4,396,275 | |
| Rape seed ..... do.... | 7,629 | 1,869,105 | |
| Cloverseed and others ..... do.... | 12,122 | 4,828,800 | |
| Products of the mills ..... do.... | 24,463 | 6,727,825 | |
| Bran ..... do.... | 4,797 | 455,715 | |
| Total ..... | 280,182 | 47,294,710 | |

*Statement showing the exports at Königsberg, etc.*—Continued.

| Description. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| *II.—Flax, hemp, and tow.* | | *Marks.* | |
| Flax ..... tons.. | 25,648 | 14,873,840 | Germany, United States, England, France, and Belgium. |
| Hemp ..... do.... | 42,443 | 23,343,650 | |
| Flax and hemp ..... do.... | 8,186 | 2,455,800 | |
| Total ..... | 280,182 | 47,294,710 | |
| *III.—Wood, wooden articles, and furniture.* | | | |
| Timber ..... festmeters.. | 281,958 | 6,783,227 | Germany, England. |
| Wood and cooper ware ..... tons.. | 28,988 | 434,820 | The province. |
| Furniture and utensils ..... do.... | 68 | 7,684 | |
| Charcoal ..... do.... | ..... | ..... | |
| Total ..... festmeters.. / tons.. | 281,958 / 29,050 | 7,225,731 | |
| *IV.—Colonial produce.* | | | |
| Tea ..... tons.. | 8,288 | 5,261,200 | Russia and the province. |
| Coffee ..... do.... | 70·9 | 141,800 | |
| Rice ..... do.... | 296·9 | 68,287 | |
| Spices of all kinds ..... do.... | 197·6 | 168,725 | |
| Fruits ..... do.... | 6·5 | 2,320 | |
| Total ..... | 3,859·9 | 5,642,332 | |
| *V.—Horses, cattle, and animal products.* | | | |
| Horses ..... number.. | 3,365 | 2,523,750 | Germany. |
| Other living cattle and fowl ..... do.... | 42,092 | 2,104,600 | |
| Tallow, candle and other ..... tons.. | 330 | 313,500 | |
| Hides, skins ..... do.... | 793·5 | 1,745,700 | |
| Leather ..... do.... | 25·7 | 77,100 | |
| Wool ..... do.... | 1,363·2 | 3,408,000 | |
| Bristles, cattle hairs ..... do.... | 123·4 | 370,200 | |
| Whale oil ..... do.... | 80·1 | 45,657 | |
| Sundries ..... do.... | 494·4 | 247,200 | |
| Total ..... number.. / tons .... | 45,457 / 3,210·3 | 10,835,707 | |
| *VI.—Mineral products and wares.* | | | |
| Pit coal and cokes ..... tons.. | 176,023·3 | 2,464,326 | The province. |
| Salt ..... do.... | 6,926·9 | 131,611 | |
| Lime, cement, brick, and tiles ..... do.... | 15,964·8 | 578,944 | |
| Glass, porcelain, stoneware (crockery) .. do.... | 3,201·4 | 640,280 | |
| Sundries ..... do.... | 17,661·8 | 353,236 | |
| Total ..... | 219,778·2 | 4,168,397 | |
| *VII.—Metals, quinicaillery, engines, and instruments.* | | | |
| Pig iron and old ..... tons.. | 3,436·7 | 206,200 | The province. |
| Forged iron plate ..... do.... | 3,343 | 768,890 | |
| Iron bars and steel ..... do.... | 125·9 | 12,967 | |
| Iron and steel ware ..... do.... | 6,018·9 | 1,143,591 | |
| Small wares (quincaillery) ..... do.... | ·9 | 252 | |
| Copper and brass and their products ... do.... | 77·9 | 15,580 | |
| Other metals and wares ..... do.... | 81·5 | 81,500 | |
| Instruments, engines, and parts ..... do.... | 400·3 | 160,122 | |
| Total ..... | 13,485·1 | 2,389,102 | |
| *VIII.—Chemicals, manure, oil, and cakes.* | | | |
| Soda, soda ashes, pot ashes, saltpeter, salt, and saltpeter acid ..... tons.. | 534·2 | 43,520 | The province and Russia |
| Caustic natron ..... do.... | 184·5 | 49,815 | |
| Chloride of lime ..... do.... | 76·7 | 18,408 | |
| Drugs and coloring stuff ..... do.... | 79·5 | 119,250 | |
| Double carbonic natron ..... do.... | 47·7 | 9,540 | |
| Starch ..... do.... | 265·7 | 69,082 | |
| Petroleum ..... do.... | 11,619 | 1,510,470 | |
| Olive oil ..... do.... | 10 | 6,800 | |
| Turpentine ..... do.... | 2,067·4 | 1,137,070 | |
| Oil cakes ..... do.... | 13,273·8 | 1,725,594 | |
| Sundries ..... do.... | 1,282·7 | 256,540 | |
| Total ..... | 29,441·2 | 4,946,089 | |

*Statement showing the exports from Königsberg, etc.*—Continued.

| Description. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| *IX.—Consumptive articles.* | | | |
| | | *Marks.* | |
| Sugar, raw and refined ..... tons.. | 2,706·1 | 811,830 | Germany. |
| Syrup, molasses, honey ..... do.... | 409·8 | 91,277 | |
| Spirits, arac, rum ..... do.... | 454·1 | 317,870 | The province and Russia. |
| Wine ..... do.... | 122·5 | 183,750 | |
| Beer of all sorts, porter ..... do.... | 77 | 30,800 | |
| Tobacco ..... do.... | 41·5 | 58,100 | |
| Butter and cheese ..... do.... | 1,119·5 | 1,427,195 | |
| Herrings ..... do.... | 43,267 | 5,278,574 | |
| Several others ..... do.... | 177·5 | 17,750 | |
| Total ..... | 48,375 | 8,217,146 | |
| *X.—Textiles, manufacture and similar.* | | | |
| Cotton yarn ..... tons.. | 6·4 | 9,600 | The province |
| Cotton articles ..... do.... | 18·5 | 33,850 | |
| Silk, silk and mixed ..... do.... | 0·6 | 14,400 | |
| Woolen yarn and shoddy ..... do.... | 106·1 | 106,100 | |
| Linen yarn and twist ..... do.... | 1,407·9 | 2,815,800 | |
| Linen and bagging canvas ..... do.... | 48·4 | 96,800 | |
| Wax cloth and ready-made clothes ..... do.... | 1·8 | 3,600 | |
| Rags ..... do.... | 6,916·9 | 830,028 | England, United States. |
| Sundries ..... do.... | 170·4 | 408,960 | |
| Total ..... | 8,677 | 4,324,138 | |
| *XI.—Sundries.* | | | |
| Paper, books, and printed matter ..... tons.. | 67·6 | 27,040 | The province. |
| Asphalt ..... do.... | 164·9 | 18,189 | |
| Sundries ..... do.... | 88,002 5 | 11,440,325 | |
| Total ..... | 88,235 | 11,485,504 | |

RECAPITULATION.

| Description. | Value, including costs and charges. |
|---|---|
| | *Marks.* |
| Grains, pulse, and seeds | 47,294,710 |
| Flax, hemp, and tow | 40,673,290 |
| Wood, wooden articles, and furniture | 7,225,781 |
| Colonial produce | 5,642,332 |
| Horses, cattle, and animal products | 10,835,707 |
| Mineral products and wares | 4,168,397 |
| Metal, quincaillery, engines, and instruments | 2,889,102 |
| Chemicals, manure, oil, and cakes | 4,946,089 |
| Consumptive articles | 8,217,146 |
| Textiles, manufacture and similar | 4,324,138 |
| Sundries | 11,485,504 |
| Total | 147,202,146 |

CONRAD N. GADEKE,
*Consular Agent.*

## STETTIN.

### CROPS AND TRADE.

Trade and commerce during the greater part of the year 1892 was influ
an exceptionally bad crop of grain on the European continent, counterbala
by abundant crops in the United States and a bright outlook for future cr
Concerning the crop of wheat, rye, and potatoes the latter surpassed all
tions, causing, in combination with the rich harvest in the United States,
prices. The losses sustained in consequence by dealers and millers wer
good by the benefits to the agriculturists.

### HARBOR IMPROVEMENTS.

Amongst the improvements especially important for the trade, commerc
navigation of Stettin are the deepening of the waterways between Swinemün
Stettin and the enlargement of the harbor.

According to information received from the Government the depth will even
be increased to 6 and even 7 meters, combined with a better regulation of th
rent of the river Swine.

At the present time the full force of the current from the river Swine runs di
toward the bulwarks and quays, rendering the navigation of steamers
approaching or leaving the wharfs one of difficulty and danger. It has, ther
been determined to counteract this by cutting through the Mellin a new ch
being a direct prolongation of the Kaiserfahrt, marked CC on the annexed ma
northeast side being confined by a pier, marked BB, to prevent the wash of th
rent undermining the bank. A stone pier, marked A, will be built in the cen
the turn of the river near the Grüne Fläche Island as a breakwater and to crea
berths for steamers discharging coals; also to save the island from being gra
washed away. The route to and from Stettin for all large vessels will lie,
the cutting is completed, through this new channel, the old route by the
being confined to small craft. The depth of the new channel will be similar t
of the new dredging in the Haff and Oder, viz, 7 meters.

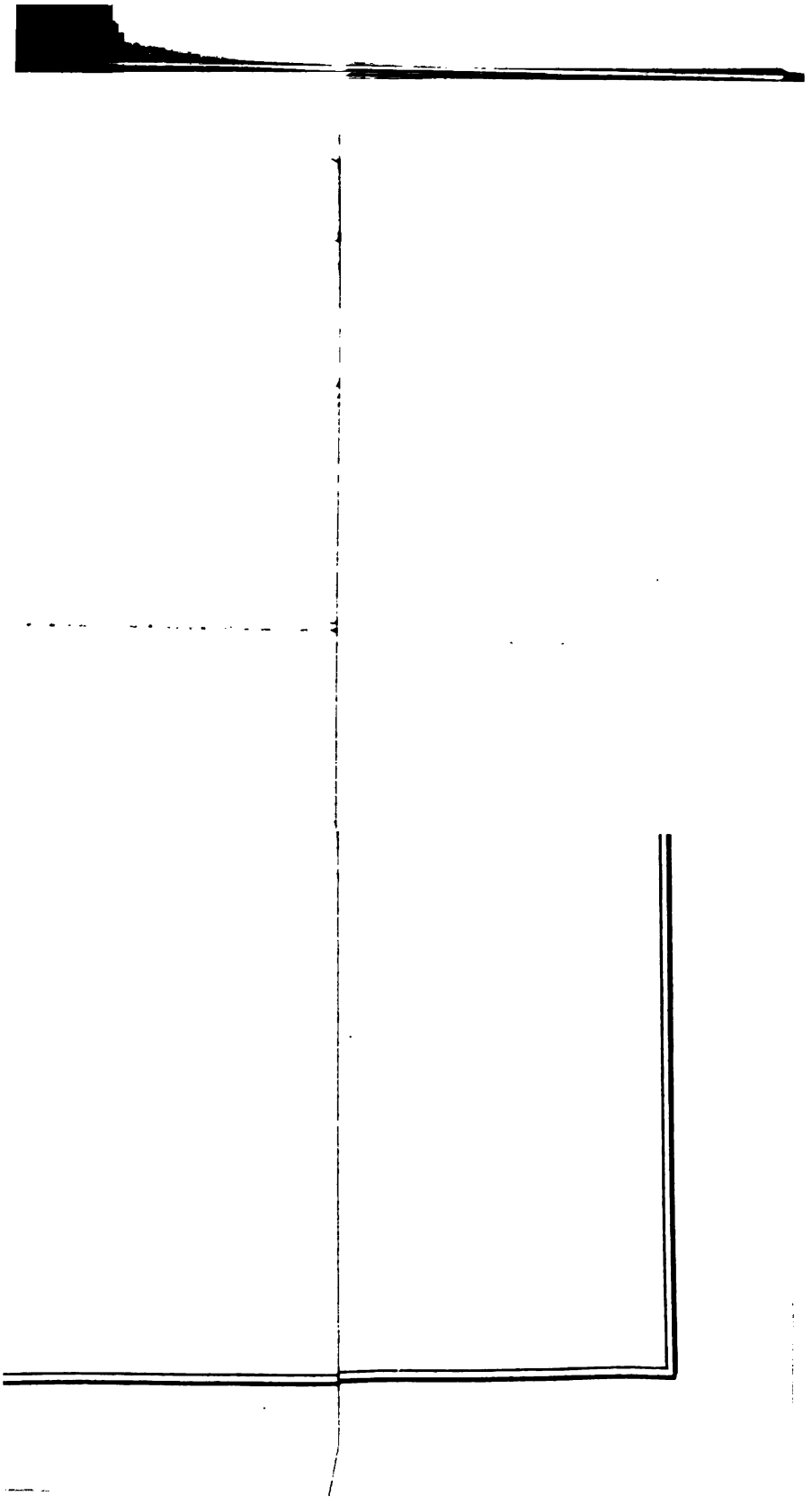
By the deepening and the improvement of the course between Stettin and S
münde not only Stettin will be benefited, but other and larger districts of the
sian Monarchy, especially in the traffic with the east, with Silesia, Saxony, I
and the whole industrial districts adjoining the capital. The canal joinir
North Sea with the Baltic is progressing rapidly, by which new commercial po
will be created for the Prussian ports of the Baltic which must be prepared to r
the larger traffic expected to come through the canal.

The improvement of the water course from Stettin to Swinemünde, as well
waterway to Berlin by water, is becoming more and more a necessity, becaus
larger vessels coming up to Stettin from the sea larger barges are wanted to r
their cargoes. Such cargoes, however, can not be used for the traffic between S
and Berlin, since the Finow Canal is navigable only by barges not over 175 to

The import by sea to Stettin amounted, in 1890, 1891, and 1892, to 1,424,970
1,4,08,813 tons, and 1,355,937 tons, respectively, classified as follows:

| Articles. | 1890. | 1891. |
|---|---|---|
| | *Tons.* | *Tons.* |
| Coal and coke | 150,393 | 207,655 |
| Wood (timber) | 153,027 | 161,497 |
| Grain | 186,620 | 191,558 |
| Petroleum | 44,384 | 47,785 |
| Herring | 84,220 | 75,948 |
| Iron, raw | 138,473 | 94,857 |

The imports of Stettin and Swinemünde combined amounted, in 1890, 1891, an
to 252,956 tons, 359,790 tons, and 326,130 tons, respectively; and the exports
from Stettin amounted to 617,967 tons, 567,607 tons, and 562,988 tons durin
same years.



*Exports of Stettin by sea.*

| Articles. | 1890. | 1891. | 1892. |
|---|---|---|---|
| Sugar: | *Tons.* | *Tons.* | *Tons.* |
| Raw | 94,942 | 95,467 | 72,836 |
| Refined | 43,930 | 36,773 | 32,876 |
| Molasses | 3,571 | 14,036 | 20,907 |
| Flour | 30,866 | 26,182 | 23,172 |
| Potato farina | 25,079 | 12,763 | 15,483 |
| Timber | 64,031 | 59,916 | 56,071 |
| Cement, Portland | 42,325 | 43,735 | 57,760 |
| Zinc | 26,040 | 25,629 | 24,381 |

The exports of Stettin and Swinemünde combined amounted, in 1890, 1891, and 1892, to 252,956 tons, 359,790 tons, and 326,130 tons, respectively.

The entrances and clearances of seagoing vessels at Swinemünde and Stettin in 1892 were as follows:

*Swinemünde.*—Entered: Steam vessels, 3,030, of 3,976,468 cubic meters,* of which 2,137, of 3,836,156 cubic meters, were laden; sailing vessels, 1,272, of 337,636 cubic meters, of which 1,198, of 319,946 cubic meters, were laden. Cleared: steam vessels, 3,019, of 3,960,672 cubic meters, of which 1,819, of 2,037,269 cubic meters, were laden; sailing vessels, 1,152, of 320,819 cubic meters, of which 988, of 261,970 cubic meters, were laden.

*Stettin.*—Entered: Steam vessels, 2,578, of 3,078,745 cubic meters; sailing vessels, 1,319, of 336,752 cubic meters.

### GENERAL IMPORTS.

*Petroleum.*—The petroleum trade of Stettin owes its large increase to the construction of tanks rendering the import by tank steamers possible. In 1891 the imports by sea amounted to 47,785 tons and 99,411 tons in 1892, of which 44,574 and 96,708 came directly from the United States. No Russian petroleum enters this port. For two years the import (calculated in barrels) was, in 1891, 264,783 barrels; in 1892, 546,173 barrels; arriving by tank and other seagoing vessels, 349,036 barrels, being stored by the German-American Petroleum Company, and 197,137 barrels by the Stettin-American Petroleum Company.

The quotations for petroleum were, in January to March, 11·20 to 11 marks per 50 kilograms duty paid, prices falling in the middle of July to 10 marks and rising afterward to 10·35 marks went down to 9·80 marks at the end of the year.

*Lard.*—The import by sea at Stettin amounted to 11,488 tons in 1891 and to 13,527 tons in 1892. The prices varied during the first six months of 1892 from 30–34 to 28–33.25 marks, then continuously rising from 39 to 52·50 marks per 50 kilograms, in bond at the end of the year.

### SHIPPERS AND FREIGHTS.

On January 1, 1892, Stettin shipowners owned 198 vessels, 24 of which were sailing vessels, 76 seagoing steamers, and 98 river and tug steamers, of 42,627 registered tons in all.

Freights to New York from the beginning of the year 1892 till August, 1892, were, per ton: For zinc (spelter), 8*s.* to 8*s.* 6*d.*; cement, 8*s.* 6*d.* to 7*s.* 6*d.*; sugar, 12*s.* 6*d.* to 14*s.*; potato farina, 13*s.*; and from September, 1892, till the end of the year 1892, for zinc (spelter), 9*s.*; sugar, 8*s.*; cement, 9*s.* 6*d.* to 9*s.*; cellulose, 14*s.*; potato farina, 13*s.*

The export of rags to the United States and England ceased during the last months of the year 1892 on account of cholera.

The Hamburg-American Packet Company sent 19 of their steamers from Stettin to New York, 16 of which left Stettin with passengers and cargo, whilst 3 carried cargo only. The same number of steamers of the same line came to Stettin from New York. The number of passengers carried by this line from Stettin to New York was 3,429. The rates of freight from New York to Stettin were satisfactory in the beginning of the year 1892, cargoes of goods and grain being amply offered in consequence of the small crop of Germany in 1891. Later in the year the traffic became much less animated.

JAMES KELLOGG,
*Consul.*

STETTIN, *August 10, 1893.*

* 1 cubic meter = 1.09 cubic yards.

*Imports by articles at Stettin.*

| Articles. | Quantity. | | Articles. | Quantity. | |
|---|---|---|---|---|---|
| | 1892. | 1891. | | 1892. | 18 |
| | *Tons.* | *Tons.* | | *Tons.* | T |
| Rags | 2,234 | 2,862 | Seeds | 28,147 | |
| Scraps of all kinds | 13,689 | 42,065 | Wool, raw and manufactured | 1,542 | |
| Cotton, raw and manufactured | 2,209 | 2,641 | Paper | 8,727 | |
| Drugs, chemicals, etc | 35,434 | 39,998 | Sugar, raw and manufactured | 1,937 | |
| Metals: | | | Beer and wine | 5,450 | |
| Lead, raw and worked | 609 | 822 | Spirits | 1,721 | |
| Iron | 135,743 | 116,927 | Groceries | 13,719 | |
| Copper | 1,380 | 1,382 | Coffee | 8,329 | |
| Zinc, tin, etc., raw and worked. | 1,653 | 1,078 | Flour | 14,598 | |
| Coals, coke, etc | 89,437 | 207,657 | Rice | 14,848 | |
| Cement, clays, ores, etc | 264,358 | 249,182 | Petroleum | 99,411 | |
| Grain: | | | Oil and grease | 49,267 | |
| Wheat | 12,890 | 41,747 | Hides and leather | 1,775 | |
| Barley | 3,686 | 9,681 | Timber: | | |
| Rye | 21,118 | 88,800 | Worked | 37,554 | |
| Oats | 2,087 | 25,797 | Unworked | 93,384 | 1 |
| Maize | 52,507 | 8,990 | Stones and bricks | 93,526 | |
| Pulse | 7,647 | 15,966 | Herrings | 88,518 | |
| Other kinds | 324 | 573 | All other merchandise | 146,479 | |
| | | | Total | 1,355,937 | 1,4 |

*Imports by countries at Stettin.*

| Whence imported. | Quantities. | | Whence imported. | Quantitie | |
|---|---|---|---|---|---|
| | 1892. | 1891. | | 1892. | 1 |
| | *Tons.* | *Tons.* | | *Tons.* | T |
| Australia | ..... | 362 | Portugal | 808 | |
| Brazil | 54 | 410 | Russia | 54,289 | |
| British East Indies | ..... | 869 | Spain | 2,650 | |
| Belgium | 4,048 | 4,261 | Sweden | 60,047 | |
| Denmark | 46,085 | 48,008 | United States | 24,271 | |
| France | 23,206 | 19,703 | Zollverein ports | 130,773 | 1 |
| Great Britain | 148,203 | 157,128 | Free harbor of Hamburg | 88 | |
| Holland | 44,694 | 38,120 | | | |
| Italy | 9,052 | 1,876 | Total | 562,988 | 5 |
| Norway | 14,654 | 14,962 | | | |

*Imports from the United States at Stettin in 1892.*

| Articles. | Quantities. | Articles. | Quant |
|---|---|---|---|
| | *Tons.* | | *Ton* |
| Varnish | 9·9 | Linen | |
| Ice | 6 | Chromotypes and steel engravings | |
| Superphosphate | 7,501·2 | Beef, fresh | |
| Chemical preparations | ·4 | Honey | |
| Ironwares, rough | ·2 | Fruit, dried | |
| Phosphate of lime | 23,566·4 | Starch | |
| Magnesia | 31·4 | Flour | |
| Ore slag | 2,274·1 | Sirup | |
| Zinc ore | 16·8 | Cigars | |
| Wheat | 1,776·8 | Cottonseed oil, in barrels | |
| Rye | 201 | Residue of oils in form of cakes | |
| Maize | 26,391·1 | Lard | 7, |
| Grass seed | 6 | Stearic and palmitic acid, paraffine | |
| Clover seed | 117·2 | Fish and seal fat, fish oil | |
| Straw, etc | ·2 | Tallow, raw, melted, or pressed | |
| Timber, sawn | 83·3 | Fat of animals | |
| Cooper ware | ·2 | Lathing, rust and polishing paper | |
| Carpenter wares | 6·7 | Petroleum | 96, |
| Empty barrels for mineral oil, colored | 89·5 | Mineral oils for greasing purposes | |
| Furniture of soft wood | ·6 | Perfumed water | |
| Machinery consisting of wood | 93·9 | Rosin, raw and purified, of turpentine | 6, |
| Machinery and part of: | | Rosin, other than from turpentine | |
| Cast iron | 109·2 | Zinc, raw, in blocks | |
| Forged iron | ·4 | Parts of machinery | |
| Copper, raw | 109 | | |
| Leatherware | ·1 | Total | 184, |

*Exports by articles from Stettin.*

| Articles. | Quantity. | |
|---|---|---|
| | 1892. | 1891. |
| | *Tons.* | *Tons.* |
| General merchandise | 224,936 | 211,840 |
| Metals: | | |
| Raw | 43,612 | 45,734 |
| Worked | 6,876 | 7,302 |
| Coals and coke | 8,317 | 12,918 |
| Cements | 57,759 | 43,735 |
| Grain: | | |
| Wheat | 7,117 | 2,595 |
| Barley | 5,121 | 3,395 |
| Rye | 4,856 | 1,080 |
| Oats | 505 | 150 |
| Maize | 1,075 | 250 |
| Pulse | 1,780 | 1,804 |

| Articles. | Quantity. | |
|---|---|---|
| | 1892. | 1891. |
| | *Tons.* | *Tons.* |
| Grain—continued: | | |
| Other kinds | 372 | 543 |
| Seeds | 14,368 | 17,420 |
| Sugar: | | |
| Raw | 72,337 | 35,467 |
| Refined | 34,551 | 40,581 |
| Spirits | 7,428 | 9,092 |
| Timber: | | |
| Worked | 41,449 | 37,790 |
| Unworked | 14,622 | 19,126 |
| Herrings | 9,836 | 8,674 |
| Rags | 5,571 | 8,048 |
| Total | 562,988 | 567,608 |

*Exports from Stettin by countries.*

| Whither exported. | Quantities. | |
|---|---|---|
| | 1892. | 1891. |
| | *Tons.* | *Tons.* |
| Australia | ..... | 1,077 |
| Argentine | 2,953 | ..... |
| British Central America | 579 | ..... |
| British North America | ..... | 405 |
| Belgium | 62,682 | 25,928 |
| Denmark | 40,072 | 31,391 |
| France | 25,131 | 31,006 |
| Great Britain | 402,005 | 446,430 |
| Holland | 17,247 | 12,124 |
| Italy | 868 | 411 |
| Norway | 39,142 | 35,342 |
| Portugal | 13,323 | 18,951 |

| Whither exported. | Quantities. | |
|---|---|---|
| | 1892. | 1891. |
| | *Tons.* | *Tons.* |
| Roumelia | 3,945 | ..... |
| Russia | 42,731 | 172,003 |
| Spain | 27,452 | 22,459 |
| Spanish America | 1,182 | ..... |
| Sweden | 250,990 | 197,788 |
| Turkey | 3,099 | ..... |
| United States of America | 184,965 | 98,472 |
| West Indies | ..... | 467 |
| Zollverein ports | 227,009 | 308,800 |
| Free harbor of Hamburg | 10,805 | 5,752 |
| Total | 1,355,937 | 1,408,813 |

*Exports to the United States from Stettin in 1892.*

| Articles. | Quantities. |
|---|---|
| | *Tons.* |
| Glue stock | 2·9 |
| Rags | 2,723·1 |
| Waste paper | 117 |
| Velvet | 15 |
| Lead, in blocks | 10 |
| Oil | 6·9 |
| Prussiate of potassium | 8·6 |
| Cyanate of potassium | 1·2 |
| Glue | 48 |
| Soda, calcined | 8·7 |
| Potash, carbonate calcined | 126 |
| Soda, natural and artificial | 10 |
| Albumen | 4·9 |
| Aniline oil | 1 |
| Arsenic acid | 21·3 |
| Madder | 5 |
| Mineral water | 33·2 |
| Natron hydrosulphate | 2 |
| Coal-tar oils, light | 1·1 |
| Zinc, white, etc | 154·3 |
| Colors | 4·6 |
| Sundry materials for medicinal purposes | 9·9 |
| Forgeable iron | 38·7 |
| Ironware: | |
| Crude | 2·2 |
| Cast iron | 8·7 |
| Cement, Portland | 116,808 |
| Phosphate of lime | ·1 |
| Earths, various | 77·7 |
| Hemp | 41·7 |

| Articles. | Quantities. |
|---|---|
| | *Tons.* |
| Tow | 29·3 |
| Beans | 68·8 |
| Poppy seed | 7·1 |
| Anise seed | 3·5 |
| Forage plants | ·1 |
| Hemp seed | 30·2 |
| Fruit, fresh | ·6 |
| Beet root, fresh | 2·4 |
| Glassware: | |
| Hollow | 26·5 |
| Hollow, white | 142·9 |
| Glass for the table and for looking glasses | 54·7 |
| Various glass, pressed | 2·6 |
| Glass: | |
| Stained | 5 |
| Milky | 31·6 |
| Calf skins: | |
| Fresh | 26·5 |
| Dried, chalked | 57·3 |
| Skins of cattle, dried, chalked | 3·5 |
| Skins of sheep and goats, raw, with hair | 7·6 |
| Skins, various, for furs | 5·4 |
| Cooperware, crude | 1·3 |
| Willow twigs for basketmaking | 18·6 |
| Sundry carpenter wares | ·5 |
| Cooperware, colored | ·2 |
| Empty oil barrels | 1·6 |
| Furniture of hard wood | 1·5 |
| Toys from wood | 2·7 |

*Exports to the United States from Stettin in 1892*—Continued.

| Articles. | Quantities. | Articles. | Quant |
|---|---|---|---|
| | *Tons.* | | *Ton* |
| Hops | ·2 | Potato farina | |
| Machinery: | | Sago of potatoes | |
| Principally or entirely of cast iron | 4·5 | Glucose | |
| Principally of forged iron | 6·4 | Tea | |
| Copperware: | | Sugar: | |
| Crude | ·2 | Beet-root, raw | 3 |
| Finished | ·3 | Refined, hard | |
| Sundry tissues in combination with other materials | 72·9 | Beet color | |
| Leather | ·2 | Rapeseed oil | |
| Jute tissues | 1 | Tallow | |
| Linen, unbleached | 15·3 | Beeswax | |
| Candles | ·2 | Ozokerite | |
| Books | 10·8 | Cellulose | 1 |
| Chromotypes | 25.9 | Packing paper | |
| Beer: | | Gold and silver paper | |
| In casks | 9.8 | Writing paper | |
| In bottles | 42 | Paper ware | |
| Liquors | 4·8 | Oils for machinery | |
| Spirits: | | Coal | |
| In casks | 8·6 | Tar | |
| In bottles | 1 | Bricks, fireproof | |
| Wine: | | Pottery, common, glazed | |
| In casks | 8·2 | Crucibles, etc | |
| In small bottles | ·6 | Pottery ware | |
| Meat, fresh | ·1 | Pottery ware, colored | |
| Fish, preserved | ·1 | Porcelain | |
| Herring: | | Hair of hares | |
| In barrels | 408·9 | Hair of dogs | |
| In fancy packing | ·2 | Worsted yarn, doubled, dyed | |
| Coffee, roasted | 1·9 | Woolen yarn: | |
| Milk, condensed | ·3 | Bleached or dyed | |
| Dainties | 1·5 | Doubled | |
| Fruit, dried | 108·3 | Threaded, raw | |
| Fruit juice | 8·5 | Hosiery | |
| Seeds, dried, eatable | 3·3 | Zinc, raw, in blocks | |
| Dextrine | 321·6 | Total | 2 |

*Imports and exports of Swinemunde.*

| Articles. | Imports. | | Exports | |
|---|---|---|---|---|
| | 1892. | 1891. | 1892. | 1 |
| | *Tons.* | *Tons.* | *Tons.* | *T* |
| Rags and scraps of all kinds | 293 | 454 | 405 | |
| Cotton and wool | 31 | 714 | 54 | |
| Drugs, chemicals, etc | 1, 676 | 2, 430 | 320 | |
| Metals: | | | | |
| Lead, raw and worked | | | 152 | |
| Iron, raw and worked | 4, 003 | 4, 184 | 3, 931 | |
| Copper, zinc, and tin | 1 | 28 | 324 | |
| Coal, coke, etc | 326, 130 | 359, 791 | 1, 718 | |
| Cements, clays, ore, etc | 9, 015 | 10, 488 | 21, 354 | |
| Grain: | | | | |
| Wheat | 1, 792 | 277 | | |
| Rye | 193 | 275 | | |
| Barley | | 54 | | |
| Oats | 105 | 90 | | |
| Seeds, potatoes, etc | 8, 841 | 1, 964 | 303 | |
| Paper | 76 | 117 | 19 | |
| Sugar | 19 | 57 | 3, 603 | |
| Beer, wine, and spirits | 33 | 75 | 14 | |
| Petroleum, oils, and grease | 128 | 985 | | |
| Hides and leather | 25 | 26 | 87 | |
| Timber: | | | | |
| Worked | 331 | 4, 468 | 25 | |
| Unworked | 1, 449 | 18 | 554 | |
| Stones and bricks | 44, 015 | 54, 130 | 2, 963 | |
| Groceries and molasses | 135 | 5, 629 | 376 | |
| All other merchandise | 139 | 166 | 15 | |
| Total | 398, 430 | 446, 415 | 36, 217 | |
| Herring: | | | | |
| Fresh | 7, 486 | 5, 551 | 12 | |
| Salt, in barrels | 571 | 5, 406 | | |
| Cattle, head | 3 | 125 | | |

NAVIGATION OF STETTIN.

*Nationality of seagoing vessels which entered the port of Stettin during the year 1892.*

| Nationality. | Sailing vessels. | Steamers. | Total. |
|---|---|---|---|
| Belgian | ..... | 2 | 2 |
| British | 77 | 319 | 396 |
| Danish | 287 | 256 | 543 |
| Dutch | 8 | 39 | 47 |
| French | 6 | ..... | 6 |
| German (including coasting) | 746 | 1,515 | 2,261 |
| Italian | 1 | ..... | 1 |
| Norwegian | 49 | 120 | 169 |
| Russian | 18 | 29 | 47 |
| Spanish | 1 | ..... | 1 |
| Swedish | 107 | 314 | 421 |
| United States | 1 | ..... | 1 |
| Total | 1,301 | 2,594 | 3,895 |
| Total, 1891 | 1,288 | 2,649 | 3,937 |

*Return of all shipping at the port of Stettin during the year 1892.*

ENTERED.

| Nationality. | Sailing vessels. | | Steamers. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| German | 461 | 52,527 | 1,515 | 556,216 | 1,976 | 608,743 |
| British | 77 | 10,527 | 319 | 342,997 | 396 | 353,524 |
| Danish | 287 | 17,676 | 256 | 129,755 | 543 | 147,431 |
| Norwegian | 49 | 12,671 | 120 | 46,203 | 169 | 58,874 |
| Swedish | 107 | 7,222 | 314 | 93,674 | 421 | 100,896 |
| Other countries | 34 | 6,628 | 68 | 35,918 | 102 | 42,546 |
| Total | 1,015 | 107,251 | 2,592 | 1,204,763 | 3,607 | 1,312,014 |
| Total, 1891 | 985 | 129,831 | 2,687 | 1,198,223 | 3,672 | 1,328,054 |

CLEARED.

| | | | | | | |
|---|---|---|---|---|---|---|
| German | 453 | 50,141 | 1,515 | 551,791 | 1,968 | 601,932 |
| British | 76 | 10,441 | 316 | 339,971 | 392 | 350,412 |
| Danish | 286 | 17,580 | 253 | 127,225 | 539 | 144,805 |
| Norwegian | 50 | 13,232 | 117 | 45,119 | 167 | 58,351 |
| Swedish | 111 | 8,095 | 308 | 93,363 | 419 | 101,458 |
| Other countries | 39 | 6,589 | 70 | 35,007 | 109 | 41,596 |
| Total | 1,015 | 106,078 | 2,579 | 1,192,476 | 3,594 | 1,298,554 |
| Total, 1891 | 1,061 | 128,198 | 2,697 | 1,218,197 | 3,758 | 1,246,395 |

NAVIGATION AT SWINEMUNDE.

*Return of all shipping at the port of Swinemunde during the year 1892.*

ENTERED.

| Nationality. | Sailing vessels. | | Steamers. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| German | 16 | 4,501 | 67 | 31,242 | 83 | 35,743 |
| British | 2 | 292 | 172 | 144,871 | 174 | 145,163 |
| Danish | 10 | 236 | 54 | 50,727 | 64 | 50,963 |
| Norwegian | ..... | ..... | 5 | 4,094 | 5 | 4,094 |
| Swedish | 4 | 305 | 135 | 27,896 | 139 | 28,201 |
| Other countries | 4 | 318 | 3 | 3,008 | 7 | 3,326 |
| Total | 36 | 5,652 | 436 | 261,838 | 472 | 267,490 |
| Total, 1891 | 35 | 2,449 | 497 | 281,455 | 532 | 283,904 |

*Return of all shipping at the port of Swinemunde during the year 1892*—Continued.

CLEARED.

| Nationality. | Sailing vessels. | | Steamers. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| German | 469 | 54,642 | 1,582 | 583,033 | 2,051 | 637,675 |
| British | 78 | 10,733 | 488 | 484,842 | 566 | 495,575 |
| Danish | 296 | 17,816 | 307 | 177,952 | 603 | 195,768 |
| Norwegian | 50 | 13,232 | 122 | 49,213 | 172 | 64,445 |
| Swedish | 115 | 8,400 | 443 | 121,259 | 558 | 129,659 |
| Other countries | 43 | 6,907 | 73 | 38,015 | 116 | 44,922 |
| Total | 1,051 | 111,730 | 3,015 | 1,454,314 | 4,066 | 1,566,044 |
| Total, 1891 | 1,096 | 130,647 | 3,194 | 1,499,652 | 4,290 | 1,636,299 |

NAVIGATION AT SWINEMUNDE AND STETTIN.

*Returns of sailing vessels entered and cleared at the ports of Swinemunde and Stettin during the year 1892.*

ENTERED.

| Nationality. | Vessels with cargo. | | Vessels in ballast. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| German | 441 | 53,622 | 36 | 3,406 | 477 | 57,028 |
| British | 79 | 10,819 | ..... | ..... | 79 | 10,819 |
| Danish | 284 | 16,770 | 13 | 1,142 | 297 | 17,912 |
| Norwegian | 49 | 12,671 | ..... | ..... | 49 | 12,671 |
| Swedish | 107 | 6,682 | 4 | 845 | 111 | 7,527 |
| Other countries | 32 | 6,509 | 6 | 437 | 38 | 6,946 |
| Total | 992 | 107,073 | 59 | 5,830 | 1,051 | 112,903 |
| Total 1891 | 958 | 126,236 | 62 | 6,044 | 1,020 | 132,280 |

CLEARED.

| | | | | | | |
|---|---|---|---|---|---|---|
| German | 416 | 51,640 | 53 | 3,002 | 469 | 54,642 |
| British | 66 | 8,064 | 9 | 2,291 | 75 | 10,355 |
| Danish | 263 | 15,020 | 33 | 2,796 | 296 | 17,816 |
| Norwegian | 22 | 4,123 | 28 | 9,109 | 50 | 13,232 |
| Swedish | 89 | 6,292 | 26 | 2,108 | 115 | 8,400 |
| Other countries | 32 | 3,527 | 11 | 3,380 | 43 | 6,907 |
| Total | 888 | 88,666 | 160 | 22,686 | 1,048 | 111,352 |
| Total 1891 | 909 | 99,833 | 187 | 30,815 | 1,096 | 130,647 |

*Returns of steam vessels entered and cleared at the ports of Swinemunde and Stettin during the year 1892.*

ENTERED.

| Nationality. | Vessels with cargo. | | Vessels in ballast. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| German | 1,414 | 547,005 | 168 | 40,453 | 1,582 | 587,458 |
| British | 480 | 478,219 | 11 | 9,649 | 491 | 487,868 |
| Danish | 302 | 175,969 | 8 | 4,513 | 310 | 180,482 |
| Norwegian | 124 | 49,989 | 1 | 308 | 125 | 50,297 |
| Swedish | 444 | 120,758 | 5 | 812 | 449 | 121,570 |
| Other countries | 69 | 38,501 | 2 | 425 | 71 | 38,926 |
| Total | 2,833 | 1,410,441 | 195 | 56,160 | 3,028 | 1,466,601 |
| Total, 1891 | 3,000 | 1,418,939 | 184 | 60,739 | 3,184 | 1,479,678 |

CLEARED.

| | | | | | | |
|---|---|---|---|---|---|---|
| German | 1,197 | 402,648 | 385 | 180,385 | 1,582 | 583,033 |
| British | 86 | 78,432 | 402 | 406,410 | 488 | 484,842 |
| Danish | 215 | 130,270 | 92 | 47,682 | 307 | 177,952 |
| Norwegian | 41 | 12,125 | 81 | 37,088 | 122 | 49,213 |
| Swedish | 148 | 89,190 | 295 | 32,069 | 443 | 121,259 |
| Other countries | 62 | 28,151 | 11 | 9,864 | 73 | 38,015 |
| Total | 1,749 | 690,816 | 1,266 | 763,498 | 3,015 | 1,454,314 |
| Total, 1891 | 1,823 | 775,149 | 1,371 | 724,503 | 3,194 | 1,499,652 |

# GREECE.

*Exports declared for the United States.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| PATRAS. | | | | | |
| Wine and spirits | $62.80 | | $1,277.30 | $77.22 | $1,407.32 |
| Hides (goatskins) | | | 973.00 | | 973.00 |
| Sundries (currants and small quantity olives and pickled citron) | 412,220.20 | $657,507.34 | 56,283.58 | 37,814.71 | 1,165,825.83 |
| Total | 412,273.00 | 657,507.34 | 60,533.88 | 37,891.93 | 1,168,206.15 |
| Total for preceding year | 358,281.75 | 645,325.29 | 148,370.04 | 33,597.46 | 1,186,074.54 |
| Increase | 53,991.25 | 11,682.05 | | 4,294.47 | |
| Decrease | | | 87,836.16 | | 17,868.39 |
| ATHENS. | | | | | |
| Art, objects of | | | | 140.70 | 140.70 |
| Leather goods | | | | 185.78 | 185.78 |
| Statuary, marble | | | 180.45 | | 180.45 |
| Ores, manganese, iron | 12,410.48 | | | | 12,410.48 |
| Wines | | 67.15 | | | 67.15 |
| Total | 12,410.48 | 67.15 | 180.45 | 326.48 | 12,984.51 |
| PIRÆUS. | | | | | |
| Antiquities, plaster-casts of | | | 163.85 | 1,352.85 | 1,516.70 |
| Bricks, fire | | 2,174.00 | 1,700.85 | 2,001.70 | 5,876.55 |
| Olives | | | 666.70 | 337.85 | 1,004.55 |
| Ores: | | | | | |
| Cliffstone | | 4,520.00 | 4,345.00 | 6,270.20 | 15,135.20 |
| Manganese | 16,287.30 | | | | 16,287.30 |
| Iron | 6,764.75 | 8,226.00 | 9,107.25 | | 24,098.00 |
| Zinc | 267.65 | | | | 267.65 |
| Sponges | 16,497.65 | 14,924.00 | 16,002.35 | 7,602.75 | 55,026.75 |
| Sundries | | | 194.75 | 33.75 | 228.50 |
| Total | 39,817.35 | 29,844.00 | 32,180.75 | 17,599.10 | 119,441.20 |
| SYRA. | | | | | |
| Emery stone | | | 3,600.00 | | 3,600.00 |

# ITALY.

## EXPORTS TO THE UNITED STATES.

I have the honor to inclose a table showing value of declared exports from the c sular districts of Italy to the United States during the year ending June 30, 1 as declared at the several consular offices of the United States in Italy. It will observed that the exports herein given exceed those of the previous correspond year by the important sum of $5,006,227.

Exports of raw silk the past year show an increase in value of $,206,605. Orar and lemens show an increase of $1,435,340.

*Statement showing the value of declared exports from the consular districts of the K dom of Italy to the United States during the year ending June 30, 1893.**

| Articles. | Value. | Articles. | Value |
|---|---|---|---|
| Alabaster, wrought | $61,798.97 | Grains | $1 |
| Anchovies | 2,464.90 | Granite | 6, 4 |
| Animals, breeding | 6,705.00 | Gum arabic | 2, 1 |
| Antimony | 9,359.69 | Gunstocks | 4, 7 |
| Antiquities | 23,373.55 | Haircloth | 38, 3 |
| Argols and wine lees | 1,340,885.71 | Hair, horse | 20, 7 |
| Artichoke | 654.76 | Hair, human | 28, 3 |
| Articles of religious devotion | 410.51 | Hams | 5 |
| Asphalt and bitumen | 28,702.72 | Hats | 1, 4 |
| Beans | 4,794.97 | Hatbands | 5, 3 |
| Bee, queens | 169.84 | Hemp | 226, 8 |
| Beeswax | 8,565.46 | Hemp, carpet yarns | 70, 4 |
| Books | 9,245.19 | Herbs, dry | 2, 1 |
| Boracic acid | 23,967.24 | Hives | 5, 8 |
| Briarwood | 29,374.65 | Household goods | 68, 2 |
| Brimstone and sulphur | 1,912,666.72 | India rubber goods | 5 |
| Bronzes | 26,275.09 | Insect powder | 1, 4 |
| Brocatels | 4,887.50 | Iron and brassware | 1, 1 |
| Buttons | 8,559.73 | Iron ore | 60, 4 |
| Caoutchouc ware | 1,267.15 | Jack asses | 9 |
| Capers | 116.56 | Jewelers' saws | 1 |
| Carob beans | 4,552.93 | Jewelry | 7 |
| Casks | 352.23 | Juniper berries | 5, 7 |
| Cement | 3.86 | Lace and embroidery | 2, 0 |
| Cheese | 287,317.32 | Lamps for electric light | 9 |
| Cherries | 496.72 | Laurel leaves | |
| Chestnuts, extract of | 500.05 | Lemon juice | 148, 8 |
| Chickpeas | 5,931.22 | Lentils | |
| Chinaware and majolica | 6,693.98 | Licorice | 35, 7 |
| Citrate of lime | 62,740.68 | Lithographs | 1, 1 |
| Citrons | 10,149.28 | Liquors | 2, 6 |
| Citron, candied | 230,374.61 | Lupines | |
| Citrons, in brine | 21,657.20 | Machinery | 12, 7 |
| Cloths | 7,753.53 | Mandolins | 4 |
| Cloths, ornamental | 2,791.86 | Manna | 4, 4 |
| Clover | 12,503.42 | Marble blocks | 550, 3 |
| Copper | 332.70 | Marble chippings | 9, 3 |
| Coral | 1,028.33 | Marble slabs | 141, 8 |
| Cosmetics | 1,464.00 | Marble statuary | 156, 9 |
| Coverlets | 8,413.09 | Marble tiles | 5, 1 |
| Cuttlefish bones | 12,069.70 | Marble, wrought | 20, 8 |
| Diamonds | 113.10 | Marine salt | 48, 3 |
| Drawings | 193.97 | Matches | 3, 4 |
| Earth, green | 61.11 | Medicinals | 29, 8 |
| Earthenware | 32.40 | Metallic medals | 1, 2 |
| Ecclesiastical vestments | 564.14 | Mosaics | 3, 8 |
| Essences | 501,757.37 | Musical instruments | 1, 9 |
| Fans | 3,495.22 | Musical strings | 5 |
| Figs | 8,690.10 | Mushrooms | 3, 9 |
| Filagree, silver | 14,078.03 | Nuts | 2, 0 |
| Fish, salted, and in oil | 11,384.03 | Nuts, almonds | 188, 2 |
| Fruit | 1,049,359.27 | Nuts, chestnuts | 23. 6 |
| Fruit, candied | 17,827.93 | Nuts, filberts | 156, 0 |
| Fruit, dry | 75,301.87 | Nuts, hazelnuts | 35, 5 |
| Furniture, frames, and carved wood | 45,660.88 | Nuts, pistachios | 9, 3 |
| Garlic | 8,546.31 | Nuts, walnuts | 62, 6 |
| Glassware and beads | 36,825.67 | Oakum | 5 |
| Gloves | 194,663.24 | Olive oil | 535, 1 |
| Glue | 164.45 | Olive oil (mechanical purposes) | 147, 2 |
| Glycerin | 74,111.42 | Olives | 3, 1 |

*As declared at the several consular offices of the United States in Italy.

*Statement showing the value of declared exports from the consular districts, etc.*—Cont'd.

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Orange peel | $3,611.08 | Straw goods, braids and plaiting | $779,629.14 |
| Oranges and lemons | 6,963,469.33 | Straw goods, hats | 1,938.69 |
| Orris root | 46,667.21 | Sugar | 85,914.80 |
| Paintings | 97,370.31 | Sulphur oil | 83,847.27 |
| Paper | 971.58 | Sumac | 466,638.07 |
| Paste | 398,468.56 | Sundries | 230,529.22 |
| Peanuts | 1,035.15 | Sweets | 650.08 |
| Pease | 12,604.95 | Squills | 765.83 |
| Pepper | 1,626.57 | Sirup | 50.00 |
| Personal effects | 2,566.35 | Talc | 10,123.72 |
| Photographs | 708.59 | Tartar | 54,126.12 |
| Plans, mechanical | 135.10 | Terra cotta, manufactures of | 876.23 |
| Plaster casts | 13,054.56 | Theatrical ornaments | 1,349.05 |
| Plumbago | 947.33 | Tin | 13,079.15 |
| Porcelain | 417.56 | Tobacco extract | 154,40 |
| Provisions | 427.05 | Tomatoes | 211.17 |
| Pumice stone and bricks | 54,603.97 | Tomato paste | 661.62 |
| Pumps | 50.77 | Tomato sauce | 256.80 |
| Rags and waste | 744,108.21 | Tortoise shell | 274.59 |
| Rice | 26,979.79 | Toys | 386.10 |
| Rush baskets | 3,590.75 | Umber earth | 6,539.05 |
| Sausages | 5,280.72 | Varnish | 8.74 |
| Seeds (unclassified) | 44,332.49 | Vases | 204.72 |
| Seeds, canary | 15,551.89 | Velvet | 163.32 |
| Seeds, mustard | 3,440.00 | Vermouth | 169,979.54 |
| Sheep cheese | 92,140.17 | Vinegar | 7.76 |
| Shells and shell work | 1,458.63 | Violin strings | 143.80 |
| Sienna earth | 15,400.26 | Whisks | 340.20 |
| Silk, manufactured | 419,847.81 | Wine | 153,664.87 |
| Silk, raw | 7,210,797.30 | Wires | 106.18 |
| Silks, spun | 53,665.76 | Wood and wooden goods | 1,150.33 |
| Silk, spun (waste) | 42,665.60 | Wool | 2,306.55 |
| Silverware | 6,846.64 | Works of art | 14,571.70 |
| Skins | 177,766.83 | | |
| Snails | 3.47 | Total | 27,933,410.28 |
| Snuff | 312.00 | | |
| Soap | 208,428.33 | Total for preceding year | 22,927,182.91 |
| Soap stock | 102,437.69 | Increase | 5,006,227.37 |
| Stone, building | 4,963.75 | | |

*Statement showing the declared value of exports for the United States at the several American consulates and agencies in Italy during the year ended June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **BOLOGNA.** | | | | | |
| Bees | $96.50 | | | $73.34 | $169.84 |
| Cheese | | | $26.54 | | 26.54 |
| Clover | 6,388.30 | $1,866.31 | 2,613.61 | 1,235.20 | 12,103.42 |
| Hemp | 89,888.77 | 55,996.19 | 65,198.26 | 86,935.69 | 298,018.91 |
| Medicines | 2,764.84 | 75.75 | 22.34 | | 2,862.93 |
| Rushbaskets | 677.43 | 517.09 | 1,208.23 | 1,188.00 | 3,590.75 |
| Sausages | 170.59 | 771.58 | 173.70 | | 1,115.87 |
| Straw goods | 6,895.54 | 12,027.46 | 20,917.55 | | 39,840.05 |
| Wine | | | 185.66 | | 185.66 |
| Sundries | 463.20 | | | | 463.20 |
| Total | 107,345.17 | 71,254.38 | 90,345.39 | 89,432.23 | 358,377.17 |
| **CATANIA.** | | | | | |
| Almonds | 11,240.00 | 15,550.59 | | 1,746.65 | 28,537.24 |
| Asphalt | 3,025.40 | 1,361.00 | 9,561.53 | 10,836.95 | 24,784.88 |
| Brimstone | 34,309.99 | 116,685.45 | 35,274.92 | 16,117.82 | 202,388.18 |
| Canary seed | 3,787.00 | | | | 3,787.00 |
| Cheese | | 300.11 | | 144.75 | 444.86 |
| Essence of lemon | 208.08 | | | | 208.08 |
| Filberts | | 5,674.20 | | | 5,674.20 |
| Lemon juice | | | 3,551.20 | 3,551.20 | 7,102.40 |
| Lemons | 15,728.89 | 39,263.75 | 60,199.94 | 79,816.89 | 195,009.47 |
| Macaroni | | | | 526.68 | 526.68 |
| Musical instruments (hand organs) | 114.00 | | 110.00 | | 224.00 |

*Statement showing the declared value of exports for the United States, etc.*—Contin

| Articles. | Quarter ending— | | | | To |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| CATANIA—continued. | | | | | |
| Mustard seed | $3,440.00 | | | | $3, |
| Oranges | | | $122,238.67 | $56,697.23 | 178, |
| Tomato sauce | 256.80 | | | | |
| Wine | 318.00 | | 452.54 | 72.37 | |
| Total | | | | | 652, |
| FLORENCE. | | | | | |
| Alabaster goods | 17,269.84 | $11,091.27 | 8,297.64 | 10,904.70 | 47, |
| Books | 935.20 | 869.29 | 760.80 | 1,491.13 | 4, |
| Bronzes | 1,460.00 | | 1,010.00 | 681.40 | 3, |
| Chinaware | 3,098.30 | 844.68 | 2,427.45 | 715.60 | 6, |
| Household goods | 12,400.00 | 3,155.90 | 30,213.60 | 21,738.10 | 67, |
| Marble statuary | 20,141.42 | 15,254.53 | 13,067.60 | 18,431.15 | 66, |
| Mosaic goods | 1,232.49 | 550.40 | 687.00 | 570.87 | 3, |
| Pictures | 6,897.10 | 13,817.15 | 11,693.77 | 20,219.08 | 52, |
| Silverware | 588.80 | 911.33 | | 5,396.51 | 6, |
| Skins | 711.20 | 5,408.64 | 19,169.76 | 1,967.43 | 27, |
| Soap | | 721.01 | 659.38 | | 1, |
| Straw goods | 120,378.28 | 185,902.97 | 277,867.71 | 114,427.21 | 698, |
| Sundries | 4,147.58 | 140.00 | 1,107.75 | | 5, |
| Wine | 272.40 | 5,806.87 | 6,552.40 | 7,892.41 | 20, |
| Total | 189,483.61 | 243,973.99 | 373,514.56 | 204,635.59 | 1,011, |
| GENOA. | | | | | |
| Alabaster | | | | 138.85 | |
| Antiquities | | | 965.25 | | |
| Beans | 550.00 | | 698.40 | | 1, |
| Beeswax | | | | 613.60 | |
| Books, printed | 496.70 | 129.34 | 66.55 | 1,049.16 | 1 |
| Bricks | 271.81 | | | 246.80 | |
| Cheese | 3,676.51 | 12,210.65 | 5,602.76 | 7,497.85 | 28 |
| Chestnuts | 1,518.30 | 18,064.95 | 1,612.05 | 130.60 | 21 |
| Cloths, ornamental | 1,315.03 | 507.83 | | 969.00 | 2 |
| Copper goods | | 125.48 | 133.88 | | |
| Coral | 135.23 | | | 225.50 | |
| Earthenware | | | | 32.40 | |
| Effects, private | 386.10 | | 965.25 | | 1, |
| Filigree | 2,508.00 | 4,342.98 | 2,944.10 | 4,522.95 | 14 |
| Fish, salted and at oil | 2,201.53 | 2,895.50 | 2,997.15 | 2,713.95 | 10 |
| Fruits— | | | | | |
| Candied | 6,158.22 | 8,245.70 | 3,041.95 | 382.06 | 17, |
| Dry and green | 235.00 | 5,577.76 | | | 5, |
| Furniture | 719.44 | 154.78 | | 1,563.50 | 2 |
| Garlic | 316.12 | 96.53 | 125.48 | | |
| Gloves | 1,072.04 | | 611.35 | | 1 |
| Glue | | | | 164.45 | |
| Glycerine | 18,502.16 | 17,030.07 | 7,881.58 | 16,465.55 | 59 |
| Granite works | | | | 3,356.15 | 3 |
| Gum, Arabic | | 133.12 | 457.15 | 1,580.40 | 2 |
| Hats, parts of | | | | 1,494.05 | 1 |
| Hides and skins | 3,633.62 | 5,085.32 | 5,508.65 | 110.00 | 14 |
| Instruments, musical | | | 393.65 | | |
| Lemons | 1,444.93 | | 222.46 | | 1 |
| Liquors | 401.41 | 886.39 | 1,599.35 | 637.60 | 3 |
| Macaroni | 7,860.60 | 8,930.53 | 7,791.10 | 9,303.45 | 33 |
| Machinery | | | 108.75 | 246.35 | |
| Marble, works of | 1,727.78 | | | 354.55 | 2 |
| Medicinals | 742.60 | 846.15 | 2,081.00 | 1,343.10 | 4 |
| Mushrooms | 305.30 | 1,938.65 | 962.37 | 551.40 | 3 |
| Oakum | 560.90 | | | | |
| Olive oil | 88,341.11 | 88,705.23 | 43,933.65 | 64,539.75 | 185 |
| Olives | | 15.44 | | | |
| Paper | 72.83 | 735.52 | | | |
| Peas | | 204.92 | | | |
| Pictures | | 1,095.65 | | | 1 |
| Powder, insect | | | | 1,479.45 | 1 |
| Rice | 6,987.10 | 4,729.53 | 6,283.55 | 7,242.26 | 25 |
| Sausages | 362.77 | 54.27 | 760.45 | 829.80 | 2 |
| Shells | | 314.06 | | | |
| Silk, raw | 36,050.50 | 40,553.28 | 2,549.70 | 23,553.90 | 122 |
| Soap | 6,075.95 | 5,095.73 | 3,048.76 | 2,646.45 | 16 |
| Statuary, bronze | | 244.03 | | | |
| Stone: | | | | | |
| Building | 3,902.12 | 125.56 | | | 4 |
| Pumice | 742.97 | 821.10 | | 4,897.20 | 6 |

*Statement showing the declared value of exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| GENOA—continued. | | | | | |
| Strawgoods | | $1,108.44 | $4,643.65 | $6,917.95 | $12,665.04 |
| Sugar, raw | | | 85,914.80 | | 85,914.80 |
| Sweets | $253.60 | 390.63 | | | 644.23 |
| Talc | 1,164.63 | 388.90 | 1,149.84 | 625.00 | 3,328.37 |
| Tin | | | | 13,079.15 | 13,079.15 |
| Tomatoes | 57.90 | 38.61 | | 83.30 | 179.81 |
| Tow | | | 109.55 | | 109.55 |
| Toys | | | | 386.10 | 386.10 |
| Varnish | 8.74 | | | | 8.74 |
| Vases | | 204.72 | | | 204.72 |
| Velvet | 163.32 | | | | 163.32 |
| Waste, cotton and jute | 119,748.80 | 103,944.17 | 118,239.25 | 114,466.05 | 456,398.27 |
| Wine | 6,716.00 | 7,398.23 | 14,264.35 | 9,566.05 | 37,944.63 |
| Wires | | 106.18 | | | 106.18 |
| Wood, wooden ware | | | | 808.45 | 808.45 |
| Wool | | | | 2,306.55 | 2,306.55 |
| Miscellaneous | 1,192.60 | 3,779.87 | 1,630.05 | 1,454.79 | 8,257.31 |
| Total | 278,575.22 | 296,680.80 | 348,997.83 | 310,375.47 | 1,234,629.32 |
| LEGHORN AND CARRARA. | | | | | |
| Alabaster works | 6,097.56 | 3,022.29 | 1,715.70 | 3,261.12 | 14,096.67 |
| Argols | 38,964.11 | 44,820.22 | 19,433.00 | 47,359.82 | 150,577.15 |
| Antimony | 3,165.99 | 4,211.50 | 1,982.20 | | 9,359.69 |
| Anchovies | | | 802.78 | 1,662.12 | 2,464.90 |
| Boracic acid | 7,182.81 | 3,421.50 | 9,198.61 | 4,164.32 | 23,967.24 |
| Beeswax | 1,343.49 | 1,565.73 | 3,290.34 | 1,752.30 | 7,951.86 |
| Brier wood | 9,281.88 | 5,903.45 | 8,943.73 | 5,245.59 | 29,374.65 |
| Beans | | | 631.75 | | 631.75 |
| Citron: | | | | | |
| Candied | 129,172.13 | 69,619.07 | 16,137.16 | 15,546.25 | 230,374.61 |
| In brine | 7,108.00 | 3,396.94 | 6,152.26 | | 21,657.20 |
| Cheese | 10,012.14 | 11,823.73 | 10,428.51 | 11,272.55 | 43,536.93 |
| Fruits (dry) | 6,092.37 | 14,586.43 | 3,996.71 | 848.13 | 25,458.63 |
| Glycerine | | | 1,842.56 | | 1,842.56 |
| Hemp | | 1,588.82 | 4,063.97 | 8,174.85 | 13,827.64 |
| Herbs (dry) | 1,167.38 | | 979.64 | | 2,147.02 |
| Iron ore | 6,196.55 | 33,201.85 | 21,078.67 | | 60,472.07 |
| Juniper berries | 1,389.75 | 2,418.65 | 1,564.69 | 390.19 | 5,763.28 |
| Laurel leaves | | 47.24 | | | 47.24 |
| Machinery | 12,352.00 | | | | 12,352.00 |
| Marble: | | | | | |
| Block | 140,416.43 | 105,768.91 | 146,217.18 | 157,965.94 | 550,368.46 |
| Worked | 4,542.96 | 4,492.26 | 4,184.65 | 7,715.19 | 20,885.06 |
| Statuary | 16,439.54 | 14,807.82 | 11,584.05 | 19,487.33 | 62,318.74 |
| Slabs | 21,080.96 | 42,182.63 | 42,272.48 | 36,359.24 | 141,895.31 |
| Tiles | 531.33 | 1,140.12 | 1,371.60 | 2,071.19 | 5,114.24 |
| Chips | 4,470.99 | 389.08 | 1,978.52 | 2,544.81 | 9,378.40 |
| Olive oil | 53,271.79 | 82,296.09 | 68,932.23 | 73,053.96 | 277,554.07 |
| Orris root | 5,916.50 | 18,127.15 | 12,960.94 | 9,662.62 | 46,667.21 |
| Paintings | 38.60 | | | | 38.60 |
| Pumice stone | 6,157.33 | 5,076.33 | 12,041.58 | 10,087.26 | 33,363.00 |
| Rags | 33,769.14 | 77,663.77 | 107,525.26 | 66,489.67 | 285,447.84 |
| Soap | 45,541.35 | 62,512.33 | 28,270.44 | 29,872.37 | 166,197.04 |
| Soap stock | | 5,057.16 | 14,093.27 | 14,618.36 | 33,768.79 |
| Sienna earth | 557.46 | 527.90 | 1,190.05 | 5,046.62 | 7,322.03 |
| Sausages | 24.70 | 54.42 | | 111.05 | 190.17 |
| Talc | 252.83 | | 1,840.70 | 2,519.47 | 4,613.00 |
| Umber earth | 522.53 | 2,199.27 | 2,365.57 | 1,451.68 | 6,589.05 |
| Wine | 2,267.20 | 816.90 | 2,516.59 | 3,338.04 | 8,938.73 |
| Miscellaneous | 798.23 | 774.27 | 868.51 | 1,229.18 | 3,670.19 |
| Total | 575,966.55 | 628,534.37 | 572,395.90 | 543,276.22 | 2,320,173.04 |
| MESSINA. | | | | | |
| Almonds | 6,647.34 | 30,908.76 | 23,896.82 | 22,434.23 | 83,887.15 |
| Argols | 99,097.68 | 68,540.93 | 56,725.20 | 95,177.33 | 319,541.14 |
| Artichokes | | 9.84 | | 36.28 | 46.12 |
| Beans | | 6.40 | 59.69 | | 66.09 |
| Brimstone | | | 7,309.82 | | 7,309.82 |
| Canary seed | | 8,923.06 | 1,967.15 | 874.68 | 11,764.89 |
| Capers | 16.01 | 90.33 | 9.72 | | 116.56 |
| Cement | | | 3.86 | | 3.86 |
| Cheese | 3,102.80 | 25.45 | 861.02 | 238.83 | 4,228.10 |
| Chestnuts | | 246.52 | | | 246.52 |
| Chickpeas | | | 49.68 | | 49.68 |
| Citrons (in brine) | | 6,141.12 | 3,319.97 | 688.19 | 10,149.28 |

*Statement showing the declared value of exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| MESSINA—continued. | | | | | |
| Essences | $82,959.98 | $93,145.85 | $200,975.12 | $113,663.85 | $490,744.75 |
| Figs, dried | | 1,476.42 | | | 1,476.42 |
| Filberts | 63,952.92 | 52,088.68 | 31,136.57 | 3,233.43 | 150,411.60 |
| Fish, salt | 124.19 | 221.85 | 50.18 | 179.68 | 575.90 |
| Garlic | | 807.14 | 21.76 | | 828.90 |
| Grains | 180.79 | | | | 180.79 |
| Hazel nuts | 23,451.32 | | 9,453.38 | 2,644.88 | 35,549.58 |
| Herbs, aromatic | 3.47 | | | | 3.47 |
| Lemons | 202,079.78 | 844,300.20 | 628,460.95 | 555,348.44 | 2,230,189.37 |
| Lemon juice | 28,540.18 | 15,391.75 | 83,646.57 | 14,164.86 | 141,743.36 |
| Lentils | | | 26.75 | | 26.75 |
| Liquors | | | | 4.43 | 4.43 |
| Lupines | | 35.44 | | | 35.44 |
| Macaroni | 94.49 | 122.28 | 27.72 | 222.84 | 466.83 |
| Olives | 79.70 | 203.36 | 77.59 | 24.13 | 384.78 |
| Olive oil (for table use) | 523.02 | 4,678.25 | 922.23 | 719.33 | 6,842.83 |
| Olive oil (mechanical) | 51,988.34 | 44,385.12 | 35,388.83 | 15,469.19 | 147,231.48 |
| Oranges | | 99,760.15 | 249,912.28 | 174,124.05 | 523,796.48 |
| Paper | | | 148.76 | 14.47 | 163.23 |
| Peel, orange, lemon, and other | | 81.06 | 1,059.85 | 533.28 | 1,674.19 |
| Pistachio nuts | | 9,354.90 | | | 9,351.90 |
| Pumice stone | 4,204.98 | 1,476.70 | 2,482.11 | 6,037.30 | 14,261.09 |
| Sausages | | | | 14.85 | 14.85 |
| Silk, raw | | 10,367.55 | 11,061.62 | 29,642.49 | 51,671.66 |
| Skins, raw goat | 289.59 | 3,459.65 | | | 3,749.15 |
| Snails | 3.47 | | | | 3.47 |
| Soap | | 88.87 | | 41.25 | 130.12 |
| Soap stock | | | | 289.66 | 289.66 |
| Squills | 617.60 | 148.22 | | | 765.82 |
| Statuary | | 80.09 | | | 80.06 |
| Sulphur | | | 349.56 | | 349.56 |
| Sulphur oil | | | 7,587.73 | 3,338.66 | 10,926.39 |
| Sweets | | 1.93 | | 3.87 | 5.80 |
| Tomatoes | | 31.36 | | | 31.36 |
| Tomato paste | | | 661.62 | | 661.62 |
| Walnuts | | 6.21 | | | 6.21 |
| Wine | 741.00 | 356.08 | 237.34 | 159.14 | 1,493.56 |
| Wine lees | 7,433.87 | 13,165.55 | 9,146.74 | 4,140.78 | 33,886.94 |
| Wood | 100.36 | | | | 100.36 |
| Total | 576,292.74 | 1,310,124.57 | 1,307,638.19 | 1,043,463.90 | 4,297,519.40 |
| MILAN. | | | | | |
| Antiquities | | | 1,061.50 | | 1,061.50 |
| Books | 272.80 | 362.81 | 366.14 | | 1,001.75 |
| Brocatels | 1,821.39 | 2,034.19 | 642.33 | 339.68 | 4,887.50 |
| Buttons | 1,894.79 | 1,334.45 | 1,929.18 | 3,401.31 | 8,559.73 |
| Caoutchouc ware | 930.25 | 205.45 | 131.45 | | 1,267.15 |
| Cheeses | 3,680.10 | 16,361.22 | 12,617.68 | 7,160.60 | 39,819.60 |
| Coverlets | 6,619.62 | 1,582.81 | | 210.60 | 8,413.07 |
| Extract of chestnut trees | 500.05 | | | | 500.05 |
| Extract of liquors | | | | 142.53 | 142.53 |
| Extract of sumac | | 2,557.13 | 7,477.42 | 5,287.54 | 15,322.09 |
| Fans | | 2,425.43 | 1,069.79 | | 3,495.22 |
| Furniture | 292.30 | 57.03 | | 101.40 | 450.73 |
| Gloves | 14,767.94 | 19,966.73 | 21,624.13 | 21,624.12 | 77,982.92 |
| Hams | | | 206.37 | 386.40 | 592.77 |
| Hat bands | | 1,554.85 | | 3,745.66 | 5,300.51 |
| Hemp yarns | 21,302.65 | 17,549.84 | 12,117.77 | 19,498.07 | 70,468.33 |
| Horsehair | 5,555.81 | 853.67 | 6,942.99 | 7,406.26 | 20,703.73 |
| Human hair | | | | 180.35 | 180.35 |
| Jewelers' saws | | | | 117.55 | 117.55 |
| India rubber goods | | | | 540.70 | 540.70 |
| Ironware | | | 176.59 | 598.51 | 775.10 |
| Lamps for electric lights | 401.04 | | 518.97 | | 929.01 |
| Liquors and wines | 4,022.42 | 13,464.79 | 7,906.04 | 4,054.82 | 28,448.07 |
| Lithographies | | | | 1,100.10 | 1,100.10 |
| Medicinal preparations | 17,688.56 | 452.33 | 1,639.13 | 2,675.32 | 22,453.34 |
| Metallic medals | | | | 1,271.47 | 1,271.47 |
| Mushrooms, preserved | | 109.96 | | 53.07 | 163.03 |
| Olive oils | | 137.03 | 779.26 | | 916.29 |
| Peanuts | | | 1,035.15 | | 1,035.15 |
| Rice | 224.36 | 444.09 | 207.12 | 409.77 | 1,285.34 |
| Sausages | | 1,041.58 | 452.24 | 458.72 | 1,952.54 |
| Silks: | | | | | |
| Manufactured | 79,496.16 | 134,078.01 | 88,648.61 | 113,625.45 | 415,848.23 |
| Raw | 1,743,593.84 | 2,203,099.49 | 1,807,437.03 | 1,130,323.81 | 6,884,454.17 |
| Waste | 6,777.07 | 3,963.52 | 3,012.44 | 28,912.57 | 42,665.60 |
| Spun | 4,612.97 | 23,027.52 | 14,570.53 | 11,454.74 | 53,665.76 |

*Statement showing the declared value of exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| **MILAN—continued.** | | | | | |
| Soap | $1,205.78 | | $1,149.02 | $1,685.22 | $4,040.02 |
| Statuary and paintings | 829.90 | $1,423.60 | 259.58 | 990.97 | 3,494.05 |
| Theatrical ornaments | | 1,349.05 | | | 1,349.05 |
| Sundries | 121.98 | 227.91 | 42.46 | | 392.35 |
| Total | 1,196,604.80 | 2,248,664.49 | 1,994,020.92 | 1,367,747.31 | 7,727,037.52 |
| Total for preceding year | 1,091,281.25 | 1,341,691.49 | 1,039,531.82 | 1,020,331.47 | 4,692,836.23 |
| Increase | 835,323.55 | 1,106,973.00 | 954,489.10 | 347,415.84 | 3,034,201.29 |
| **MILAZZO.** | | | | | |
| Lemons | | 345.21 | | 920.60 | 1,265.81 |
| Macaroni | | 51.59 | | | 51.59 |
| Olive oil | | 152.28 | | | 152.28 |
| Provisions | | 427.05 | | | 427.05 |
| Vinegar | | 7.76 | | | 7.76 |
| Total | | 983.89 | | 920.60 | 1,904.49 |
| **PALERMO.** | | | | | |
| Almonds | 20,738.78 | 21,277.24 | 8,308.16 | 5,583.85 | 65,907.98 |
| Brimstone | 420,236.40 | 379,543.33 | 509,579.28 | 393,259.65 | 1,702,619.16 |
| Cheese | 1,382.55 | 5,795.30 | 2,023.80 | 4,013.54 | 13,215.19 |
| Citrate of lime | | 3,474.50 | 31,797.51 | 27,468.67 | 62,740.68 |
| Cosmetics | 476.97 | 510.08 | 476.95 | | 1,464.00 |
| Essences | 471.33 | 2,088.10 | 6,835.20 | 1,409.91 | 10,804.54 |
| Lemons | 427,645.16 | 458,724.34 | 747,484.69 | 1,579,606.83 | 3,213,461.02 |
| Macaroni | 1,941.03 | 13,727.09 | 21,890.71 | 15,158.61 | 52,717.44 |
| Manna | | 3,198.03 | | 1,242.16 | 4,440.19 |
| Marine salt | 11,825.14 | 3,121.00 | 13,663.76 | 18,851.45 | 47,461.35 |
| Olive oil | 984.55 | 6,027.81 | 2,068.96 | 4,249.07 | 13,330.39 |
| Olives | | 1,345.36 | 216.13 | 1,226.17 | 2,787.66 |
| Orange peel | | | 1,299.48 | 637.41 | 1,936.89 |
| Oranges | 2,716.60 | 187,369.70 | 253,630.54 | 175,427.06 | 619,143.90 |
| Soap stock | 3,588.87 | 1,078.34 | 11,071.06 | 8,479.12 | 24,217.39 |
| Sumac | 96,506.59 | 123,724.07 | 96,949.50 | 134,135.82 | 451,315.98 |
| Wine | 2,785.90 | 4,407.75 | 4,833.93 | 6,698.56 | 18,726.14 |
| Miscellaneous | 7,062.11 | 6,753.82 | 2,216.72 | 1,406.13 | 17,438.78 |
| Total | 1,003,361.98 | 1,232,166.36 | 1,714,346.38 | 2,373,854.01 | 6,323,728.68 |
| Total for preceding year | 989,098.17 | 1,093,563.33 | 1,406,778.62 | 1,861,066.94 | 5,350,507.06 |
| Increase | 14,263.76 | 138,603.03 | 307,567.76 | 512,787.07 | 973,221.62 |
| **ROME.** | | | | | |
| Antiquities | 1,211.04 | 2,897.39 | 4,416.73 | 2,837.10 | 11,312.26 |
| Asphalt and bitumen | 2,621.62 | | 570.74 | 725.68 | 3,918.04 |
| Bronzes, manufactures of | 1,673.05 | 1,804.26 | 7,510.15 | 2,921.48 | 13,908.94 |
| Cheese | 34,724.16 | | | | 34,724.16 |
| Copper, manufactures of | | | 73.34 | | 73.34 |
| Drawings | | 193.97 | | | 193.57 |
| Diamonds | | | 113.10 | | 113.10 |
| Earth, green | | 61.11 | | | 61.11 |
| Earth, sienna | 813.69 | 2,010.77 | 2,598.83 | 2,654.94 | 8,078.23 |
| Ecclesiastical vestments | 104.22 | | | 459.92 | 564.14 |
| Furniture and frames | 99.81 | | 576.98 | 4,576.52 | 5,253.31 |
| Goatskins | | | 7,760.64 | | 7,760.64 |
| Jewelry | | 532.95 | | | 532.95 |
| Marble, manufactures of | 11,361.63 | 4,710.55 | 2,435.38 | 3,248.88 | 21,755.94 |
| Marine salt | | | | 906.01 | 506.01 |
| Mosaics | 667.97 | 103.45 | | | 781.42 |
| Musical instruments | | | 33.39 | | 33.39 |
| Musical strings | | | 264.28 | 288.15 | 552.43 |
| Paintings | 6,588.66 | 1,983.08 | 11,028.00 | 6,272.21 | 31,471.95 |
| Photographs | 75.52 | 438.07 | | | 513.59 |
| Plaster casts | 2,929.74 | 9,018.35 | | 1,101.47 | 13,054.56 |
| Porcelain | | | 111.94 | 305.62 | 417.56 |
| Religious devotion, articles of | 410.51 | | | | 410.51 |
| Sheep cheese | | 15,503.00 | 6,200.97 | 13,984.01 | 35,687.98 |
| Silk manufactures of | 485.40 | | | | 485.40 |
| Silk, raw | 10,876.09 | 15,591.46 | 14,100.28 | 4,159.51 | 44,727.34 |
| Straw hats | | 1,239.06 | 699.63 | | 1,938.69 |
| Sundries | | | 304.04 | | 304.04 |
| Tartar | | | 4,615.23 | 2,328.93 | 6,944.16 |
| Terra cotta, manufactures of | 99.40 | 776.83 | | 1,023.66 | 876.23 |
| Wines | 2,531.11 | 3,852.19 | | | 7,406.96 |
| Total | 77,283.62 | 60,666.49 | 69,013.65 | 47,798.59 | 254,762.35 |

*Statement showing the declared value of exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **TURIN.** | | | | | |
| Books | $88.86 | $171.49 | | $139.45 | $399.80 |
| Casks | | | | 352.23 | 352.23 |
| Cheese | | | $743.85 | 1,608.18 | 2,352.03 |
| Chestnuts | | 1,062.43 | | | 1,062.43 |
| Extract of vermuth | | | | 689.69 | 689.69 |
| Glassware | | 220.41 | | | 220.41 |
| Granite, worked | 3,114.66 | | | | 3,114.66 |
| Gunstocks | 850.93 | 976.71 | 1,640.71 | 1,294.65 | 4,763.00 |
| Haircloth | 1,924.65 | 8,874.64 | 15,094.88 | 12,491.22 | 38,385.39 |
| Hair, human | 998.77 | 2,796.89 | 3,878.40 | 2,851.84 | 10,525.90 |
| Photographs | | | | 195.60 | 195.60 |
| Piano, mechanical | | | 135.10 | | 135.10 |
| Pictures | | 1,003.60 | | | 1,003.60 |
| Plumbago | | 464.01 | | 483.32 | 947.33 |
| Pump | | | | 50.77 | 50.77 |
| Rice | | | 452.01 | | 452.01 |
| Seeds | | 45.72 | | | 45.72 |
| Silk: | | | | | |
| Manufactured | 1,742.68 | | 95.50 | 1,675.00 | 3,514.18 |
| Raw | 14,996.77 | 76,215.54 | 12,973.39 | 3,051.05 | 107,236.75 |
| Talc | 576.81 | | 1,605.54 | | 2,182.35 |
| Tobacco extract | 154.40 | | | | 154.40 |
| Vermuth | 42,338.11 | 34,336.14 | 61,571.70 | 31,043.90 | 169,289.85 |
| Wax matches | 112.28 | 504.21 | 1,008.42 | 112.29 | 1,747.20 |
| Wine | 166.55 | | 1,468.71 | 242.21 | 1,877.47 |
| Woolen cloths | | | 99.80 | 7,653.73 | 7,753.53 |
| Miscellaneous | | | | 288.95 | 288.95 |
| Total | | | | | 361,739.85 |
| **VENICE.** | | | | | |
| Antiquities | | 5,384.80 | 2,434.00 | 1,690.00 | 9,508.80 |
| Books | | | | 369.00 | 369.00 |
| Furniture and woodwork | 8,875.20 | 6,725.11 | 9,674.06 | 8,811.15 | 34,086.32 |
| Glassware and beads | 12,158.04 | 7,655.27 | 7,763.52 | 9,038.40 | 36,605.23 |
| Glycerin | | 4,830.00 | 6,220.34 | 1,800.16 | 12,889.50 |
| Hemp | 33,922.96 | 31,537.91 | 44,157.30 | 23,904.37 | 133,522.54 |
| Iron and brass ware | 89.20 | | | 251.66 | 340.86 |
| Lace and embroideries | 89.20 | | | 2,083.40 | 2,083.40 |
| Matches | | 1,728.75 | | | 1,728.75 |
| Marble, carved | | 240.00 | | | 240.00 |
| Paintings | 800.00 | 1,481.00 | 2,758.28 | 2,426.00 | 7,465.28 |
| Rags | | | | 2,262.10 | 2,262.10 |
| Shellwork | | | 553.00 | 591.57 | 1,144.57 |
| Straw plaits | 8,930.00 | 8,289.69 | 8,578.19 | 2,750.00 | 28,547.88 |
| Sundries | 2,870.06 | 9,761.47 | 1,105.08 | 1,238.00 | 14,974.61 |
| Whisk | | | | 340.20 | 340.20 |
| Wine and spirits | | 147.17 | | | 147.17 |
| Total | 67,635.46 | 77,791.97 | 83,243.77 | 57,585.01 | 286,256.21 |

# COMMERCE OF ITALY.

*Foreign commerce of Italy for the eight months ended August 31, 1893, compared with the same period of 1892.*

| Description of merchandise. | Imports. | | | Exports. | | |
|---|---|---|---|---|---|---|
| | Eight months ending August 31, 1893. | Eight months ending August 31, 1892. | Increase or decrease. | Eight months ending August 31, 1893. | Eight months ending August 31, 1892. | Increase or decrease. |
| | *Lire.* | *Lire.* | *Lire.* | *Lire.* | *Lire.* | *Lire.* |
| Spirits, wine, and oils | 17,126,138 | 14,283,492 | +2,842,646 | 78,780,921 | 80,197,569 | —1,416,648 |
| Groceries, spices, and tobacco | 58,412,125 | 58,876,565 | —464,440 | 4,235,442 | 3,267,575 | +967,867 |
| Chemicals, drugs, resins, and perfumery | 31,590,058 | 26,279,772 | +5,310,286 | 25,630,147 | 24,131,978 | +1,495,167 |
| Dyes, dyestuffs, and articles for tanning | 16,491,612 | 16,569,285 | —77,673 | 6,760,465 | 6,172,116 | +588,249 |
| Hemp, flax, jute, etc | 17,487,905 | 14,867,478 | +2,620,427 | 25,727,690 | 26,684,938 | —957,248 |
| Cotton | 161,785,870 | 100,105,377 | +1,680,493 | 19,766,875 | 19,077,655 | +689,220 |
| Wool and hair | 48,089,167 | 47,695,995 | +393,172 | 7,081,010 | 9,312,210 | —1,231,200 |
| Silk | 83,299,118 | 58,053,059 | +25,246,059 | 191,981,949 | 224,564,942 | —32,582,993 |
| Wood and straw | 25,353,527 | 25,038,801 | +314,726 | 21,800,566 | 20,250,682 | +1,549,884 |
| Books and paper | 8,153,681 | 7,965,916 | +187,765 | 5,158,355 | 4,520,439 | +637,916 |
| Skins, hides, and furs | 29,703,311 | 28,755,943 | +945,368 | 15,114,701 | 13,060,965 | +1,053,736 |
| Minerals and metals | 79,510,459 | 73,458,975 | +6,051,484 | 22,605,092 | 24,166,889 | —1,561,797 |
| Stone, earth, pottery, and glass | 80,769,961 | 76,445,102 | +4,324,859 | 41,182,446 | 39,219,278 | +1,963,168 |
| Cereals, flour, and vegetable products not elsewhere included | 155,607,985 | 96,241,613 | +59,366,372 | 64,638,117 | 49,373,332 | +15,264,778 |
| Animals and animal products not elsewhere included | 49,792,492 | 49,388,659 | +403,833 | 70,106,131 | 64,028,571 | +6,077,560 |
| Miscellaneous | 11,513,679 | 10,711,262 | +802,417 | 10,323,228 | 8,717,103 | +1,606,125 |
| Total | 809,687,088 | 699,739,294 | +109,947,794 | 610,893,135 | 615,749,249 | —4,856,114 |
| Silver and gold | 31,907,800 | 29,947,600 | +1,960,200 | 23,913,100 | 41,705,500 | 17,792,400 |
| Grand total | 841,594,888 | 729,686,894 | +111,907,994 | 634,806,235 | 657,454,749 | —22,648,514 |

# NETHERLANDS.

*Value of declared exports for the United States for the year ending June 30, 189*

| Articles. | Quarter ending— | | | | Tot |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **AMSTERDAM.** | | | | | |
| Antiquities | $15,158.50 | $9,459.30 | $4,750.95 | $1,210.10 | $30, |
| Bulbs and plants | 56,237.63 | 11,337.52 | 1,366.40 | 160.18 | 69, |
| Cheese | 36,474.12 | 25,067.96 | 16,591.00 | 6,663.65 | 84, |
| Cocoa and chocolate | 58,818.89 | 169,229.87 | 134,486.47 | 95,436.37 | 457, |
| Cocoa beans (formerly included with cocoa) | ..... | ..... | 20,104.26 | 16,096.46 | 36, |
| Cocoa butter | 67,084.23 | 48,522.56 | 117,325.88 | 73,062.78 | 305, |
| Coffee | 403,071.12 | 368,700.23 | 290,367.68 | 81,546.70 | 1,143, |
| Diamonds | 1,699,648.98 | 1,389,414.88 | 1,570,226.35 | 1,447,401.60 | 6,106, |
| Dyestuffs and drugs | 28,349.28 | 43,071.81 | 28,690.82 | 12,217.87 | 112, |
| Fish, herring, etc | 10,109.99 | 3,036.90 | 1,330,75 | 1,589.26 | 16, |
| Gums, copal and damar | 2,538.52 | 1,724.71 | 7,463.98 | 1,253.27 | 12, |
| Hides and skins | 13,607.91 | 30,960.01 | 53,311.02 | 27,434.93 | 125, |
| India rubber | 14,886.74 | 25,546.24 | 8,483.16 | ..... | 48, |
| Iron, old rails | 5,533.80 | ..... | ..... | ..... | 5, |
| Linen goods | 8,599.05 | 1,427.52 | 859.12 | ..... | 10, |
| Oils. Haarlem, etc | 2,843.51 | 3,157.90 | 3,903.21 | 2,212.32 | 12, |
| Plate glass (Atlas Works) | 59,473.26 | 74,317.16 | 70,357.36 | 60,621.14 | 264, |
| Rags and paper stock | 18,668.12 | 10,310.92 | 881.25 | 3,685.41 | 33, |
| Seeds, field and garden | 37,791.76 | 30,196.21 | 21,139.96 | 14,410.58 | 103, |
| Spices, nutmegs, mace, etc | 27,224.30 | 69,752.72 | 12,132.91 | 4,496.16 | 113, |
| Spirits, gin and liquors | 4,533.38 | 11,587.56 | 7,889.33 | 7,271.30 | 31, |
| Sugar (refined) | 3,242.50 | 4,416.00 | 1,589.18 | 14,875.48 | 24, |
| Tin, banka and billiton | 83,620.26 | 112,225.66 | 68,365.92 | 273,033.52 | 537, |
| Tobacco | 1,345,630.65 | 1,732,005.96 | 220,715.48 | 1,549,698.70 | 4,848, |
| Vegetables, pickled, etc | 10,460.63 | 31,726.17 | 15,805.30 | 1,283.70 | 59, |
| Sundry articles | 43,744.50 | 41,812.15 | 39,411.84 | 29,172.27 | 154, |
| Total | 4,057,351.63 | 4,249,007.92 | 2,717,549.58 | 3,724,833.75 | 14,748, |
| Total for preceding year | 1,702,220.57 | 2,324,686.00 | 1,969,489.90 | 3,788,706.13 | ..... |
| Increase | 2,355,131.06 | 1,924,321.92 | 748,059.68 | ..... | 4,963, |
| Decrease | ..... | ..... | ..... | 63,872.38 | ..... |
| **ROTTERDAM.** | | | | | |
| Antiquities | 2,297.60 | 1,805.60 | 1,280.56 | 365.20 | 5, |
| Arac | 517.76 | 850.64 | 86.25 | 179.76 | 1, |
| Balances | 756.86 | 274.08 | 1,596.24 | 519.00 | 3, |
| Bark | 297.48 | ..... | ..... | ..... | ..... |
| Beans | 589.84 | 1,022.30 | 3,275.09 | 3,859.53 | 8, |
| Beta naphthol | 1,204.00 | ..... | ..... | ..... | ..... |
| Books | 1,543.43 | 201.88 | ..... | 113.63 | 1, |
| Bottles (cases) | 215.63 | 515.12 | 634.10 | 522.82 | 1, |
| Brass irons | ..... | 92.40 | ..... | ..... | ..... |
| Bric-a-brac | 459.50 | 967.70 | 1,004.20 | ..... | 2, |
| Bulbs | 225,771.09 | 6,452.28 | 1,090.58 | 1,332.93 | 234. |
| Candle pitch | 4,701.92 | 1,724.93 | 3,412.70 | 2,194.53 | 12, |
| Canary seed | 224.04 | ..... | ..... | ..... | ..... |
| Caraway seed | 1,638.70 | ..... | ..... | ..... | 1, |
| Carpet | 184.59 | ..... | ..... | ..... | ..... |
| Cassia | 6,037.52 | 1,221.88 | 8,918.77 | ..... | 16, |
| Cheese | 37,139.38 | 28,788.44 | 11,867.42 | 7,456.95 | 85, |
| Chicory root | ..... | 5,248.22 | ..... | ..... | 5, |
| Church symbols | 1,605.25 | 818.09 | 5,370.43 | 1,255.85 | 9, |
| Cocoa powder | 742.90 | 634.48 | 251.43 | ..... | 1, |
| Coffee | 116,809.80 | 108,694.38 | 67,957.63 | 62,647.37 | 356, |
| Cubebs | ..... | 540.00 | ..... | ..... | ..... |
| Delft ware | 386.00 | 487.08 | 347.00 | 1,164.16 | 2, |
| Earthenware | 1,830.74 | 680.90 | 828.47 | ..... | 3, |
| Empty tierces | 500.00 | ..... | ..... | ..... | ..... |
| Empty grain bags | 7,156.34 | 2,406.16 | 1,043.00 | 3,848.14 | 14. |
| Flax and tow | 11,670.18 | 8,672.12 | 11,644.54 | 14,501.04 | 46, |
| Furniture | 3,916.86 | 860.94 | 337.00 | 2,971.60 | 8, |
| Gin | 22,082.26 | 32,089.26 | 23,588.95 | 28,428.68 | 106, |
| Glue | ..... | 985.57 | ..... | ..... | ..... |
| Glycerin | ..... | 20,392.55 | 14,502.42 | 11,224.02 | 46, |
| Goat calfskins | 16,167.54 | 5,997.44 | 13,472.77 | 10,628.24 | 46, |
| Gum copal | ..... | 679.22 | 2,929.72 | 714.27 | 4, |
| Hair | 566.10 | 3,762.66 | 6,945.08 | 1,376.50 | 12, |
| Herring | 276,922.04 | 182,708.28 | 173,407.11 | 2,562.00 | 635, |
| Human hair | ..... | 1,119.40 | ..... | ..... | 1, |
| Indigo | 24,562.01 | 59,729.08 | 1,710.84 | 519.79 | 86, |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ROTTERDAM—continued. | | | | | |
| Lard, tallow | | | $50,359.50 | $1,919.45 | $52,278.95 |
| Mace | $6,110.03 | | | | 6,110.03 |
| Madder | 12,564.46 | $13,376.34 | 1,652.42 | 6,374.34 | 33,967.56 |
| Metal capsules | 2,990.06 | 812.94 | 453.60 | 1,580.77 | 5,836.37 |
| Medical roots | 445.40 | 8,094.44 | 3,231.23 | 4,926.33 | 16,697.40 |
| Meats | | | 1,884.00 | | 1,884.00 |
| Mineral water | 11,804.02 | 17,300.90 | 2,772.00 | 19,576.30 | 51,453.22 |
| Nutmegs | 11,667.09 | 7,357.15 | 12,178.92 | | 31,203.16 |
| Oil | | 931.98 | | 508.00 | 1,439.98 |
| Oil paintings | 7,597.00 | 1,300.00 | 1,538.80 | 520.00 | 10,955.80 |
| Paper | | | 999.18 | 125.70 | 1,124.88 |
| Plate moss | 4,357.05 | 2,237.52 | 10,651.69 | 4,679.35 | 21,925.61 |
| Pipes | 660.22 | 246.48 | 585.34 | 671.77 | 2,193.81 |
| Pitch | 432.40 | 170.60 | 1,351.02 | 168.27 | 2,122.29 |
| Plants | 1,449.00 | 33,574.62 | 19,699.16 | 572.15 | 55,294.93 |
| Potatoes | | 12,943.07 | 71,644.15 | 813.28 | 85,400.50 |
| Rags | 33,824.22 | 52,955.17 | 30,278.56 | 8,338.78 | 125,396.73 |
| Rope | 1,394.28 | | | | 1,394.28 |
| Rubber | 66,566.56 | 17,483.74 | 31,655.54 | 39,161.78 | 154,867.62 |
| Seeds | | 1,371.73 | 2,202.72 | | 3,574.45 |
| Silverware | 9,008.17 | 7,601.62 | 3,649.00 | | 20,258.79 |
| Starch | | | 4,680.00 | | 4,680.00 |
| Straw covers | 346.70 | 922.28 | 1,097.27 | 2,807.74 | 5,173.99 |
| Sugar | 8,100.78 | | 47,673.70 | | 55,774.48 |
| Sugar of milk | 1,060.46 | | | | 1,060.46 |
| Tea | | 1,386.23 | | | 1,386.23 |
| Tobacco | 62,933.28 | 42,533.64 | 37,535.40 | 21,843.44 | 164,845.76 |
| Tortoise shells | 458.30 | | 1,400.00 | | 1,858.30 |
| Vegetables in brine | 3,943.60 | 4,778.72 | 4,838.44 | 2,688.00 | 16,248.76 |
| Wine | 281.64 | | | | 281.64 |
| Woolen manufactures | 721.92 | 4,948.03 | 2,153.94 | 1,099.91 | 8,923.80 |
| Miscellaneous | 118.48 | 25,883.40 | 15,215.24 | 9,153.59 | 50,370.71 |
| Total | 1,017,362.48 | 738,624.51 | 718,883.49 | 285,944.94 | 2,760,815.42 |
| Total for preceding year | 642,752.95 | 629,426.77 | 389,207.93 | 415,111.13 | 2,076,498.78 |
| Increase | 374,609.53 | 109,197.74 | 329,675.56 | | 684,316.64 |
| Decrease | | | | 129,166.19 | |

# RUSSIA.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **BATOUM.** | | | | | |
| Carpets, etc | | | | $260.70 | $260.70 |
| Licorice root | $81,386.23 | $207,076.07 | $339,246.27 | 165,079.70 | 792,788.27 |
| Manganese ore | 218,868.77 | | 87,317.36 | 97,939.98 | 404,126.11 |
| Personal effects | | | 1,034.64 | | 1,034.64 |
| Wool: | | | | | |
| Caucasian | 128,817.52 | 127,210.02 | 37,494.95 | 108.93 | 293,631.42 |
| Persian | | 30,641.76 | 104,405.04 | 63,522.19 | 198,568.99 |
| Turkistan | | 233.24 | 1,633.48 | | 1,866.72 |
| Total | 429,072.52 | 365,161.09 | 571,131.74 | 326,911.50 | 1,692,276.85 |
| **ST. PETERSBURG.** | | | | | |
| Albumen | 7,724.00 | 2,100.00 | 5,075.00 | 6,825.00 | 21,724.00 |
| Birch tar | | | 371.25 | 86.67 | 457.92 |
| Boltropes | 19,986.65 | | 8,463.00 | 5,549.45 | 33,999.10 |
| Books | 211.75 | | | 198.15 | 409.90 |
| Bristles | 33,592.64 | 39,797.33 | 66,877.78 | 5,895.03 | 146,162.78 |
| Bronze ware | 2,718.95 | | 2,060.40 | 1,519.85 | 6,299.20 |
| Cast-iron and bismuth | | | 173.25 | | 173.25 |
| Camel's hair | | | | 7,121.93 | 7,121.93 |
| China | | 404.58 | | | 404.58 |
| Church vestures | 302.13 | 662.50 | | | 964.63 |
| Cigarettes | | 448.00 | 42.25 | | 490.25 |
| Cranberry juice | | 585.00 | | | 585.00 |
| Crash | 35,999.50 | | 8,870.00 | 6,155.25 | 51,024.75 |
| Damascus steel | | 1,259.00 | 3,180.00 | | 4,439.00 |
| Dressed leather | 893.35 | 1,377.23 | 1,118.76 | 963.61 | 4,352.95 |
| Fish bladders | | 2,555.53 | | | 2,555.53 |
| Flax | 870.00 | | 77,350.50 | 2,157.32 | 80,377.82 |
| Glassware | 455.90 | | | | 455.90 |
| Goat hides | | | | 11,320.42 | 11,320.42 |
| Gold coins | | 250.00 | | | 250.00 |
| Gold and silver ware | 8,984.13 | | 1,121.98 | 1,540.14 | 11,646.25 |
| Greasy wool | | | | 31,297.20 | 31,297.20 |
| Horsehair | 1,750.00 | | | | 1,750.00 |
| Horses | | | | 52,500.00 | 52,500.00 |
| Household effects | 2,312.40 | | | | 2,312.40 |
| Isinglass | | 360.00 | | 1,972.06 | 2,332.06 |
| Laces (Russian) | | | 170.00 | | 170.00 |
| Lycopodium seed | 1,257.64 | 954.35 | 1,879.52 | | 4,091.51 |
| Metal wares | | 1,621.23 | | | 1,621.23 |
| Oakum | 7,336.00 | | 4,524.75 | 9,057.00 | 20,917.75 |
| Objects for divine service | 200.00 | | 100.00 | | 300.00 |
| Pamphlets | | 2,500.00 | | | 2,500.00 |
| Paraffinum liquid | 733.00 | | 1,257.50 | | 1,990.50 |
| Pianoforte | 200.00 | | | | 200.00 |
| Platinum | 39,245.90 | 38,830.31 | 36,977.00 | 23,151.36 | 138,254.57 |
| Ravensduck | | | | 139.50 | 139.50 |
| Sheet iron | 12,167.50 | | | 24,866.50 | 27,034.00 |
| Spermimium | 400.00 | | | | 400.00 |
| Stone columns | | | 588.95 | | 588.95 |
| Sweetmeats | 13.70 | | | | 13.70 |
| Tar | 54.50 | | | | 54.50 |
| White cattle hair | | | 1,713.25 | | 1,713.25 |
| Wooden ware | | | 83.45 | 142.75 | 226.20 |
| Total | 177,409.64 | 93,755.06 | 221,998.59 | 192,459.19 | 685,622.48 |
| Total for preceding year | 190,075.43 | 112,626.63 | 295,629.48 | 231,314.88 | 829,646.42 |
| Decrease | 12,665.79 | 18,871.57 | 73,630.89 | 38,855.69 | 144,023.94 |
| **WARSAW.** | | | | | |
| Diamonds | | 75.00 | | | 75.00 |
| Jewish Temple furniture | | 175.00 | | | 175.00 |
| Mead | | | 25.00 | | 25.00 |
| Pictures | | | 285,440.00 | | 285,440.00 |
| Rye whisky | | | 55.80 | | 55.80 |
| Glove leather | | | | 265.80 | 265.80 |
| Cigarettes | | | | 166.63 | 166.63 |
| Printed Hebrew books | | | | 410.80 | 410.80 |
| Miscellaneous | | | | 145.18 | 145.18 |
| Total | | | | | 286,759.20 |
| Total for preceding year | | | | | 3,779.64 |
| Increase | | | | | 282,979.56 |

## FINLAND.

PRINCIPAL IMPORTS.

| Articles. | Calendar year— 1892. | 1891. | Articles. | Calendar year— 1892. | 1891. |
|---|---|---|---|---|---|
| Herring.....kilos.. | 5,237,570 | 2,787,459 | Iron and steel: | | |
| Dried fish.....do... | 931,998 | 743,086 | Pig iron.....kilos.. | 6,290,899 | 12,263,574 |
| Corn, unground: | | | Cast iron.....do... | 15,139 | 188,395 |
| Oats.....do... | 4,878,620 | 3,805,861 | In bars.....do... | 6,117,424 | 6,178,816 |
| Wheat.....do... | 708,077 | 1,742,052 | Sheets, black...do... | 3,563,116 | 3,260,089 |
| Barley.....do... | 12,238,445 | 8,007,275 | Cotton, raw.....do... | 4,655,272 | 3,973,704 |
| Rice.....do... | 2,976,178 | 2,673,595 | Coffee.....do... | 5,153,860 | 5,540,155 |
| Rye.....do... | 58,661,129 | 17,531,939 | Tobacco: | | |
| Flour: | | | In leaves.....do... | 2,351,367 | 2,158,779 |
| Wheat.....do... | 23,033,247 | 22,481,592 | In stalks.....do... | 561,726 | 505,320 |
| Rye.....do... | 85,943,948 | 30,304,858 | Salt, common.hectoliters | 477,978 | 642,083 |
| Malt.....do... | 1,863,091 | 3,633,784 | Sugar: | | |
| Grain: | | | Raw.....kilos.. | 8,328,666 | 5,473,039 |
| Buckwheat....do... | 1,238,231 | 1,170,453 | Refined.....do... | 6,459,275 | 6,026,024 |
| Barley.....do... | 1,976,871 | 894,408 | Gin, spirit, arrack, rum, cognac, and French gin in casks....kilos.. | 441,189 | 442,921 |
| Semolina.....do... | 952,617 | 991,753 | Wine, all sorts, in casks, kilos..... | 1,333,388 | 1,492,878 |
| Rice.....do... | 605,083 | 1,008,374 | | | |
| Petroleum.....do... | 9,435,319 | 9,863,990 | | | |
| Coal.....do... | 59,954,488 | 70,766,458 | | | |

PRINCIPAL EXPORTS.

| | | | | | |
|---|---|---|---|---|---|
| Animals, alive: | | | Timber—Continued. | | |
| Horses.....head.. | 2,384 | 2,680 | Unsawn—Least 2 meters in length, cubic meters..... | 117,162 | 123,408 |
| Cattle, large...do... | 4,115 | 5,745 | Firewood, cubic meters. | 623,477 | 568,808 |
| Calves.....do... | 7,212 | 8,458 | Pulpwood and pasteboard.....kilos.. | 21,734,468 | 21,005,949 |
| Pigs.....do... | 626 | 721 | Paper, of all sorts..do... | 14,050,561 | 13,131,101 |
| Game, forest and sea birds.....kilos.. | 465,934 | 375,164 | Tar.....hectoliters.. | 121,158 | 143,492 |
| Farm produce: | | | Iron and steel: | | |
| Pork and meat..do... | 726,220 | 1,259,375 | Pig iron.....kilos.. | 4,231,906 | 4,501,097 |
| Butter.....do... | 8,142,629 | 7,963,594 | Cast iron.....do... | 2,893,317 | 2,006,774 |
| Fish.....do... | 6,253,771 | 7,078,474 | In bars.....do... | 5,809,793 | 5,709,924 |
| Corn, unground: | | | | | |
| Oats.....do... | 3,440,567 | 41,133,348 | | | |
| Rye.....do... | 499,282 | 3,514,321 | | | |
| Berries.....do... | 508,719 | 726,449 | | | |
| Timber: | | | | | |
| Sawn—Deals, battens, and boards, least 2 meters in length, cubic meters..... | 1,273,884 | 1,425,601 | | | |

HERMAN DONNER,
*Acting Consul.*

HELSINGFORS, *September 4, 1893.*

## RIGA.

During the year 1892 business in general was dull, which was to be expected after the famine, the prohibition of grain export, and the cholera.

The import from the United States to this port has not undergone any change for the better, notwithstanding that there seems to have been some more demand for machinery, such as portable engines, thrashers, mowers, furrow-plows, etc. Such have hitherto been imported from England.

A cargo of raw phosphate arrived here in a British steamer from Coosa River, Georgia, United States, for the new phosphate works at Mühlgraben, on the river Düna, near Riga, which is the first establishment of its kind in Russia.

During the year 1892 this port was entered by 1,656 steamers and sailing vessels measuring about 885,000 net register tons, and from January 1, 1893, up to date (October 20) 860 steamers and 427 sailers have arrived, mostly under the English, German, Danish, Norwegian, and Swedish flags. No vessel carrying the American flag has visited this port in 1893.

The navigation to and from this port was closed from January 5 till May 3, on account of ice in the bay. The winter was very long and severe, and three Brit-

ish steamers were caught in the ice on January 5, and had to winter near the coast, about 80 miles from Riga, for four months, during which time provisions were supplied to them from shore.

The value of imports in 1892 amounted to $11,345,500 and exports to $25,463,250, which compared with 1891 shows a decrease of $1,544,500 and $5,347,250, respectively. This can be traced to the prohibition of the export of cereals and the bad harvest of 1891.

The results of the crops this year are calculated to give that of a good average year, notwithstanding the hot weather and heavy rains in the summer months have in some instances been detrimental to the growing crop. In some provinces the stocks are quite exhausted, and a large part of the crop will be absorbed for home consumption.

The proposed official inspection of cereals, etc., destined for export, has again been under discussion in the commercial department and rules elaborated, but the difficulty of applying them at the different ports is so great that it is expected some time will elapse before they come into operation.

*Declared exports for the United States.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Books (Hebrew) | $5,761.46 | $1,655.98 | $6,239.61 | $6,705.53 | $20,362.58 |
| Flax | ..... | ..... | ..... | 4,910.11 | 4,910.11 |
| Hemp | 6,167.59 | 28,722.65 | ..... | 37,832.49 | 72,722.73 |
| Leather | ..... | 2,362.54 | 1,015.71 | 4,485.32 | 7,863.57 |
| Liquors | ..... | 1,435.79 | 1,709.78 | 304.52 | 3,450.09 |
| Objects for divine service | 487.70 | 958.99 | 776.01 | 630.38 | 2,853.08 |
| Skins | 25,144.81 | ..... | ..... | 26,533.92 | 51,678.73 |
| Wool | 1,573.04 | ..... | ..... | 2,290.70 | 3,863.74 |
| All other articles | ..... | ..... | ..... | 989.98 | 989.98 |
| Total | ..... | ..... | ..... | ..... | 168,694.61 |

N. A. BORNHOLDT,
*Consul.*

RIGA, *October 20, 1893.*

# SPAIN.

## CADIZ.

*Value of declared exports from the consular district of Cadiz to the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Advertisements, price lists, samples of | ..... | ..... | $116.48 | ..... | $116.48 |
| Brandy | $942.02 | $47.50 | 690.75 | ..... | 1,680.27 |
| Canary seeds | 2,039.74 | ..... | ..... | ..... | 2,039.74 |
| Corks, manufactured | 3,332.00 | 3,743.00 | 8,300.00 | $9,016.00 | 24,391.00 |
| Corkwood | 11,102.36 | 31,961.35 | 38,300.00 | 101,893.00 | 183,256.71 |
| Earth | 150.76 | ..... | ..... | 254.03 | 404.79 |
| Lace, Spanish | ..... | 83.95 | ..... | ..... | 83.95 |
| Licorice paste | 5,795.00 | 2,896.00 | 10,400.00 | 6,212.00 | 25,303.00 |
| Licorice root | 27,073.00 | ..... | 170.00 | ..... | 27,243.00 |
| Liqueur | 77.21 | ..... | ..... | ..... | 77.21 |
| Olives | 38,800.00 | 71,195.20 | 145,140.00 | 73,495.00 | 328,630.20 |
| Olive oil | ..... | 1,358.00 | 12,000.00 | 6,626.89 | 19,984.89 |
| Ore: | | | | | |
| Cupreous sulphur | 98,204.80 | 20,902.00 | 65,206.61 | 37,126.08 | 221,439.49 |
| Manganese | 2,814.83 | 5,776.84 | ..... | ..... | 8,591.67 |
| Peas | 99.59 | ..... | ..... | ..... | 99.59 |
| Pottery, tiles, etc | ..... | 322.00 | 1,800.00 | 2,024.00 | 4,146.00 |
| Pyrites iron | 42,966.40 | 26,742.85 | 33,800.71 | 25,406.15 | 128,916.11 |
| Salt | ..... | ..... | 347.40 | ..... | 347.40 |
| Various (bags, mats, soap, mineral water) | ..... | ..... | 1,937.61 | 77.43 | 2,015.04 |
| Wine | 115,521.58 | 218,293.19 | 179,070.19 | 180,581.47 | 693,466.43 |
| Total | ..... | ..... | ..... | ..... | 1,672,232.97 |

A. J. BENSUSAN,
*Vice-Consul.*

## CARTHAGENA.

*Value of declared exports from the consular district of Carthagena to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Dry iron ore* | $29,556.38 | $13,995.50 | $10,451.80 | $7,717.40 | $61,721.08 |
| 5,446,225 kilograms manganiferous iron ore | 9,234.20 | ..... | 5,922.60 | 25,190.40 | 40,347.20 |
| Total | 38,790.58 | 13,995.50 | 16,374.40 | 32,907.80 | 102,068.28 |

* Dry iron ore, 31,999 tons, and manganese ore, 22,220 tons of 2,000 pounds to the ton.

CIRILO MOLINA,
*Consul.*

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## GARRUCHA.

The exports from Garrucha to the United States for the year ending June 30, 1893, were as follows: Iron ore, 30,738 tons, valued at $36,810.

*Statement showing the general exports from Garrucha for the year ending June 30, 1893.*

| Description. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| | *Tons.* | | |
| Esparto grass | 3,923 | $102,757 | England. |
| Iron ore | 120,180 | 139,168 | Do. |
| Do | 30,738 | 36,810 | United States. |
| Do | 7,550 | 10,200 | Belgium. |
| Do | 2,482 | 3,353 | France. |
| Lead (argentiferous) | 11,400 | 616,056 | England. |
| Oranges | 700 | 20,338 | Do. |
| Palm leaves | 144 | 2,880 | Portugal. |
| Plaster | 235 | 940 | Do. |
| Total | 177,352 | 932,502 | |

*Navigation of the port of Garrucha for the year ending June 30, 1893.*

ENTERED.

| Flag. | From or to— | Steamers. | | Sailing vessels. | | Total. | |
|---|---|---|---|---|---|---|---|
| | | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Spanish | Spanish | 24 | 4,922 | 263 | 11,598 | 287 | 16,520 |
| | Algiers | 2 | 554 | ..... | ..... | 2 | 554 |
| British | England | 25 | 17,958 | ..... | ..... | 25 | 17,958 |
| | France | 10 | 11,020 | ..... | ..... | 10 | 11,020 |
| | Egypt | 1 | 2,487 | ..... | ..... | 1 | 2,487 |
| | Italy | 27 | 35,308 | ..... | ..... | 27 | 35,308 |
| | Spain | 56 | 52,987 | ..... | ..... | 56 | 52,987 |
| Belgian | Belgium | 3 | 4,526 | ..... | ..... | 3 | 4,526 |
| Portuguese | Portugal | ..... | ..... | 3 | 282 | 3 | 282 |
| Total | ..... | 148 | 129,762 | 266 | 11,880 | 414 | 141,642 |

*Navigation of the port of Garrucha for the year ending June 30, 1893.*—Continued.

CLEARED.

| Flag. | From or to— | Steamers. | | Sailing vessels. | | Total. | |
|---|---|---|---|---|---|---|---|
| | | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Spanish | Spain | 25 | 4,684 | 257 | 11,437 | 282 | 16,121 |
| | England | 1 | 792 | | | 1 | 792 |
| Belgian | Belgium | 3 | 4,526 | | | 3 | 4,526 |
| Portuguese | Portugal | | | 3 | 282 | 3 | 282 |
| British | America | 10 | 15,876 | | | 10 | 15,876 |
| | France | 1 | 862 | | | 1 | 862 |
| | England | 108 | 121,897 | | | 108 | 121,897 |
| Total | | 148 | 148,637 | 260 | 11,719 | 408 | 160,356 |

JOSÈ GARCIA SUESA,
*Consul.*

## MALAGA.

*Value of declared exports from the consular district of Malaga to the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Almonds | $60,041.31 | $126,351.62 | $40,929.62 | $10,517.73 | $237,840.28 |
| Aniseed | 574.46 | 1,684.00 | | | 2,258.46 |
| Canary seed | 5,736.79 | | | | 5,736.79 |
| Chick peas | 230.88 | | | | 230.88 |
| Colocynth apples | | 461.85 | 180.93 | | 642.78 |
| Chairs | | | 122.17 | | 122.17 |
| Grapes | 76,847.46 | 308,898.77 | | 4,455.00 | 390,201.23 |
| Iron ore | | 4,222.84 | | 31,043.45 | 35,266.29 |
| Lemons | 66,491.17 | 55,093.04 | | | 121,584.21 |
| Lead | 12,928.46 | 6,324.91 | 9,670.49 | 19,381.51 | 48,305.37 |
| Licorice root | 2,914.30 | | | | 2,914.30 |
| Orange peel | 483.12 | | | | 483.12 |
| Olives | | 298.85 | | | 298.85 |
| Olive oil | 3,868.08 | 24,762.17 | 146,680.65 | 29,507.42 | 204,818.32 |
| Olive oil (for machinery) | | | 2,808.54 | | 2,808.54 |
| Oranges | | 15,494.19 | | | 15,494.19 |
| Ojen's brandy | | 135.39 | 188.65 | 439.56 | 763.60 |
| Palmleaf hats | 15,507.68 | 35,606.32 | 47,507.00 | 23,111.87 | 121,732.87 |
| Pomegranates | 714.99 | 772.16 | | | 1,487.25 |
| Raisins | 51,258.19 | 134,667.27 | 3,114.91 | 4,110.71 | 192,151.08 |
| Red pepper | 768.81 | 1,132.99 | 1,456.19 | | 3,357.99 |
| Salt | | | | 714.00 | 714.00 |
| Sundries | 1,053.97 | 208.58 | 51.39 | | 1,313.94 |
| Wild bulls | 1,932.89 | | | | 1,932.89 |
| Wine | 997.73 | 2,936.66 | 4,056.75 | 2,244.15 | 10,235.29 |

THOMAS RIUZ GEARY,
*Vice-Consul.*

# SWEDEN AND NORWAY.

## NORWAY.

### IMPORTS AND EXPORTS.

The foreign commerce of Norway was as follows during the year 1892: Imports, 4,224,440,000 pounds, valued at $53,600,009, against 4,201,780,000 pounds, valued at $39,764,000 in the preceding year. Exports, 4,371,180,000 pounds, valued at $33,875,200, against 4,654,100,000 pounds, valued at $34,947,200 the year previous. Foreign products in transit to the value of $2,036,800 are included in this trade.

The following statements show the quantities and values of Norwegian foreign commerce during the last decade:

| Year. | Quantities. | | | Values. | | |
|---|---|---|---|---|---|---|
| | Imports. | Exports. | Total. | Imports. | Exports. | Total. |
| | *Pounds.* | *Pounds.* | *Pounds.* | | | |
| 1883..... | 2, 867, 260, 000 | 3, 730, 980, 000 | 6, 598, 240, 000 | $43, 228, 400 | $31, 114, 800 | $74, 343, 200 |
| 1884..... | 2, 919, 620, 000 | 4, 626, 380, 000 | 7, 546, 000, 000 | 42, 558, 400 | 30, 069, 600 | 72, 628, 000 |
| 1885..... | 3, 129, 720, 000 | 3, 626, 480, 000 | 6, 756, 200, 000 | 39, 020, 800 | 27, 309, 200 | 66, 330, 000 |
| 1886..... | 2, 999, 920, 000 | 3, 727, 900, 000 | 6, 727, 820, 000 | 36, 233, 600 | 27, 550, 400 | 63, 784, 000 |
| 1887..... | 3, 027, 200, 000 | 3, 912, 260, 000 | 6, 939, 460, 000 | 35, 831, 600 | 28, 568, 800 | 64, 400, 400 |
| 1888..... | 3, 564, 440, 000 | 4, 091, 120, 000 | 7, 655, 560, 000 | 42, 451, 200 | 32, 803, 200 | 75, 254, 400 |
| 1889..... | 4, 008, 840, 000 | 4, 795, 780, 000 | 8, 804, 620, 000 | 51, 348, 800 | 35, 563, 600 | 86, 912, 400 |
| 1890..... | 3, 807, 320, 000 | 4, 768. 940, 000 | 8, 576, 260, 000 | 55, 931, 600 | 35, 134, 800 | 91, 066, 400 |
| 1891..... | 4, 199, 998, 000 | 4, 654, 100, 000 | 8, 854, 098, 000 | 59, 764, 000 | 34, 947, 200 | 94, 711, 200 |
| 1892..... | 4, 224, 440, 000 | 4, 371, 180, 000 | 8, 595, 620, 000 | 53, 600, 000 | 33, 875, 200 | 87, 475, 200 |

It will be seen by the foregoing statement that the imports for the year 1892, with regard to quantity, exceeded all previous years, while the exports present a decrease.

When comparing the figures of the total trade (imports and exports) for the past year with those of the year 1891 the year 1892 shows a diminuation of $7,236,000 in value (7·64 per cent) and 259,600,000 pounds in quantity, or 2·94 per cent, of which $6,164,000 occurred in imports and 1,072,000 in exports.

The balance of trade, which in Norway depends not only on the value of merchandise exchanged between the country and foreign countries but on the result of the important shipping trade, was during the year 1891 and 1892, not so favorable as in the preceding years.

While the values of the average imports for the years 1886 to 1890 exceeded the exports by about $12,435,200, the years 1891 and 1892 show a deficit of $24,816,800 and $19,724,800, respectively. The latter amount was probably not covered in 1892 by the net profits of the shipping trade.

### IMPORTS.

Of the various articles imported the following are the most important:

*Cereals.*—The imports of cereals rank foremost among all the imports into Norway. The total quantities received in 1892 were 13,015,200 bushels, valued at $9,886,734, against 14,417,700 bushels, valued at $13,000,546, the year preceding.

The period of 1886–'90 showed an annual average importation of cereals of 13,097,700 bushels, valued at $7,955,848. The receipts for the year 1892 show a large decrease as compared with the year 1891, but are still equal to an average year.

*Dry goods.*—Next in importance to cereals come dry goods, the importation of which in 1892 amounted to 18,979,400 pounds, valued at $7,373,323, against 19,714,200 pound, valued at $7,541,225, in 1891.

*Groceries.*—Groceries rank third in importance. Their importation during the year 1892 amounted to 86,543,600 pounds, valued at $6,214,250, against 88,785,400 pounds, valued at $6,164,563, in 1891. The total receipts of coffee aggregated to 17,828,800 pounds in 1892, against 17,624,200 pounds in 1891. Of sugar 36,984,200 pounds were imported, against 35,318,800 pounds in 1891. The importation of sirup in 1892 was 18,242,400 pounds, against 22,741,400 pounds the year before.

*Tobacco.*—Of leaf tobacco 4,186,600 pounds were imported in 1892, against 4,164,600 pounds in 1891.

The average consumption of coffee, sugar, sirup, and tobacco, per capita during the last five years was as follows:

| Year. | Coffee. | Sugar. | Sirup. | Tobacco. |
|---|---|---|---|---|
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* |
| 1888 | 7·83 | 13·05 | 6·49 | 1·74 |
| 1889 | 7·66 | 13·88 | 7·06 | 1·72 |
| 1890 | 7·99 | 15·38 | 9·04 | 1·76 |
| 1891 | 8·29 | 17·03 | 11·31 | 1·87 |
| 1892 | 8·09 | 18·94 | 9·11 | 1·85 |

Since the reduction of the duty on sugar, in July, 1891, from 40 ore (10.72 cents) per kilogram to 30 ore (8.04 cents) and an additional reduction of 10 ore (2.68 cents) in August, 1892, the consumption of this article has increased considerably, which is shown by the foregoing table.

Next to the foregoing articles comes the imports of provisions; the value of provisions imported in 1892 being $3,323,200, against $3,242,800 in 1891. The imports of butter amounted in 1892 to 3,462,800 pounds, valued at $572,180, against 4,318,000 pounds, valued at $744,718, the previous year. In this connection must be noted that large quantities of Norwegian margarine, as well as of ordinary butter, have, since 1878, been yearly exported. The exportation in 1891 amounted to 5,070,120 pounds, valued at $754,152, and in 1892 5,585,140 pounds, valued at $859,637, of which 767,800 pounds and 1,073,600 pounds, respectively, were ordinary butter.

Pork and other meats to the amount of 27,315,200 pounds, valued at $1,791,258, were imported in 1892, against 27,227,200 pounds, valued at $1,636,274, in 1891. The most of this is American produce.

*Iron.*—The importation of ironware during 1892 amounted to $4,771,686, of which $2,013,511 represent raw and half-manufactured metals and $2,758,176 manufactured metals. The former includes pig, bar, and sheet iron, amounting to $1,389,044.

The quantities received of the above articles during the year 1892 were as follows:

| Kinds. | 1892. | 1891. |
|---|---|---|
| | *Pounds.* | *Pounds.* |
| Pig iron | 33,453,200 | 48,961,000 |
| Bar iron | 54,859,200 | 59,996,200 |
| Sheet iron | 16,847,600 | 23,298,000 |

*Brandy and spirits.*—The following table shows a comparison between the imports and exports of brandy and spirits for the last five years:

| Year. | Imports. | | Exports. | | Excess of imports of 100 per cent strength over exports. | Excess of exports of 100 per cent strength over imports. |
|---|---|---|---|---|---|---|
| | Total quantity. | Quantity calculated at 100 per cent strength. | Total quantity. | Quantity calculated at 100 per cent. strength. | | |
| | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* |
| 1888 | 264,550 | 170,625 | 39,112 | 28,350 | 142,275 | ..... |
| 1889 | 168,525 | 97,387 | 32,025 | 21,787 | 75,600 | ..... |
| 1890 | 199,750 | 114,712 | 140,700 | 123,112 | ..... | 8,400 |
| 1891 | 248,362 | 135,712 | 55,912 | 46,987 | 88,725 | ..... |
| 1892 | 266,700 | 151,987 | 79,800 | 60,900 | 91,087 | ..... |

The home production in 1892 was 757,837 gallons, calculated at 100 per cent strength, against 877,012 gallons the previous year.

The domestic consumption of brandy during the last year was estimated at about 844,987 gallons, calculated at 100 per cent strength, or 0·42 gallon per capita, against 0·48 per capita in the year previous.

*Petroleum.*—The total receipts in 1892 aggregated 51,519,600 pounds, valued at $696,800.

The domestic consumption was as follows:

| | Pounds. | | Pounds. |
|---|---|---|---|
| 1876 | 11,352,000 | 1889 | 29,627,400 |
| 1881 | 17,791,400 | 1890 | 28,930,000 |
| 1886 | 23,326,600 | 1891 | 32,775,600 |
| 1888 | 26,492,400 | 1892 | 54,562,200 |

*Coal.*—The importation of coal in 1892 amounted to 37,260,300 bushels, valued at $3,328,720, which was more than any year before.

PURCHASE OF FOREIGN VESSELS.

The purchase of foreign vessels has decreased during the last year, which will appear from the following table showing the purchase for the last decade:

| Year. | Steamers. | | | Sailing vessels. | | |
|---|---|---|---|---|---|---|
| | Number. | Registered tonnage. | Value. | Number. | Registered tonnage. | Value. |
| | | *Tons.* | | | *Tons.* | |
| 1883 | 23 | 8,701 | $896,192 | 113 | 61,664 | $1,009,556 |
| 1884 | 19 | 5,592 | 556,904 | 96 | 54,718 | 982,488 |
| 1885 | 7 | 2,834 | 255,404 | 76 | 46,844 | 624,708 |
| 1886 | 4 | 937 | 87,904 | 49 | 26,470 | 296,140 |
| 1887 | 14 | 11,772 | 486,088 | 91 | 56,073 | 522,064 |
| 1888 | 25 | 15,564 | 923,528 | 136 | 88,768 | 956,760 |
| 1889 | 38 | 25,813 | 1,854,292 | 171 | 102,147 | 2,060,216 |
| 1890 | 42 | 26,525 | 2,573,872 | 204 | 114,823 | 2,488,112 |
| 1891 | 38 | 29,346 | 2,375,284 | 156 | 76,376 | 1,793,724 |
| 1892 | 14 | 9,792 | 663,568 | 110 | 58,352 | 1,120,508 |

CUSTOMS RECEIPTS.

The customs receipts from import duties on the principal articles during the years 1891 and 1892 were as follows:

| Articles. | 1891. | 1892. |
|---|---|---|
| Cereals | $462,568 | $483,204 |
| Coffee | 605,412 | 593,688 |
| Tea | 46,900 | 48,240 |
| Sugar of all kinds | 1,416,112 | 1,129,888 |
| Tobacco | 792,208 | 787,920 |
| Other groceries | 205,556 | 210,916 |
| Brandy and spirits | 238,252 | 268,000 |
| Wine | 92,192 | 68,608 |
| Dry goods | 593,620 | 576,468 |
| Petroleum | 242,540 | 121,228 |
| Salt | 95,944 | 106,128 |

EXPORTS.

The exports from Norway during the years 1891 and 1892 may be classified as follows:

| Classes. | 1891. | 1892. |
|---|---|---|
| Products of forestry and wood industry | $11,845,600 | $11,272,080 |
| Fishery products | 12,035,880 | 11,738,400 |
| Other Norwegian articles | 9,371,960 | 8,742,560 |
| Reexported foreign goods | 1,688,400 | 2,047,520 |
| Total | 34,941,840 | 33,800,560 |

*Lumber.*—The quantity exported during 1892 was reported to be 1,894,506 cubic meters, against 1,931,561 in the previous year, showing a decrease of 37,055 cubic meters. This exportation includes, however, over 300,000 cubic meters of Swedish produce.

The exports in 1891 and 1892 were as follows:

| Description. | 1891. | 1892. |
|---|---|---|
| | *Cubic meters.* | *Cubic meters.* |
| Planed | 578,797 | 489,872 |
| Sawed | 502,067 | 479,203 |
| Hewn | 88,750 | 102,876 |
| Round | 582,150 | 642,745 |
| Staves | 92,311 | 77,024 |
| Firewood | 87,486 | 102,786 |
| Total | 1,931,561 | 1,894,506 |

The quantity exported in 1892 was smaller than in 1891, but nearly the same as in 1890.

*Wood pulp.*—In 1892 200,455 tons of wood pulp were exported, against 208,593 tons the year before. The exportation of this article from the consular district of Christiania to the United States alone was as follows: Chemical wood pulp, dry, bleached, 889 tons; dry, unbleached, 5,507 tons; moist, bleached, 1,885 tons; moist, unbleached, 1,267 tons; mechanically ground wood pulp, moist, 573 tons; of total value about $465,000 (charges included). To this is to be added the exportation from the consular district of Bergen, amounting to about $114,000.

FISHERY PRODUCTS.

*Cured fish.*—The exportation of cured fish in 1892 amounted to 106,969,280 pounds, valued at $4,430,576, against 99,153,120 pounds, valued at $4,959,372, in 1891.

*Dried fish.*—In 1892 45,953,160 pounds, valued at $1,734,764, were exported against 31,680,022 pounds, valued at $1,606,928, in 1891.

*Roe.*—The total value of roe exported in 1892 was $339,127, against $208,182 in 1891.

*Cod-liver oil.*—The exportation of this article amounted to $1,676,876 in 1892, against $1,595,672 in 1891.

The prices of cod-liver oils declined during the past year, the steam-refined medicinal cod-liver oil from $12.06 to $11.92 per hectoliter (26.4 gallons) and other medicinal cod-liver oils from $10.85 to $8.04 per hectoliter, and other fish oils from $9.11 to $6.97 per hectoliter.

*Herrings.*—During 1892 the value of salted herrings exported amounted to $2,606,568, against $2,612,464 in 1891. The value of fresh herrings exported during 1892 amounted to $131,320 and smoked herrings to $67,268.

*Salmon.*—Salmon was exported to the value of $304,180 in 1892, against $371,448 in the year before.

*Mackerel.*—The total value of fresh mackerel exported in 1892 was $30,016, against $54,672 in 1891.

*Anchovies.*—The value of the exports of anchovies amounted last year to $108,004, against $64,384 in 1891.

*Lobsters.*—In 1892 587,877 lobsters were exported, value at $99,160, against 566,703, valued at $101,840, in 1891.

*Fish guano.*—The value of the exports of fish guano was estimated at $228,872 in 1892, against $239,860 in 1891.

IMPORTS AND EXPORTS BY COUNTRIES.

*Table showing the percentage of the value of imports from and exports to each of the principal countries in 1891 and 1892.*

| Countries. | Imports. | | Exports. | |
|---|---|---|---|---|
| | 1891. | 1892. | 1891. | 1892. |
| | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* |
| Great Britain | 28·26 | 26·34 | 33·00 | 34·52 |
| Germany | 25·27 | 27·65 | 12·29 | 12·41 |
| Sweden | 11·39 | 13·63 | 14·57 | 15·59 |
| Russia and Finland | 11·14 | 4·93 | 2·28 | 2·80 |
| Denmark | 5·41 | 5·70 | 3·93 | 3·51 |
| Netherlands | 3·65 | 4·48 | 4·57 | 4·70 |
| Belgium | 2·83 | 3·74 | 3·65 | 3·14 |
| France | 2·58 | 3·72 | 7·56 | 5·70 |
| Spain | ..... | ..... | 10·32 | 10·00 |
| Italy and Austria | ..... | ..... | 2·32 | 2·91 |
| Other countries | 7·06 | 5·22 | 4·29 | 3·67 |

### TRADE WITH THE UNITED STATES.

The direct trade between Norway and the United States in 1892 was as follows: Imports from the United States, $2,538,442; exports to the United States, $493,736.

The above figures, taken from the official Norwegian returns, give, however, as I have already stated in previous reports, an incorrect estimate of the commerce between the two countries, as the customs returns only give the direct trade.

Large quantities of goods of American produce are received via England and Germany, and the value of these goods are contained in the amount of values of imports from these countries. Several important Norwegian export articles, particularly fishery products and wood pulp, were shipped to the United States via England and Germany, as only one direct line exists (the Thingvalla) between the southern part of the country and the United States.

Towards the end of the year the German Scandia Line, however, also put steamers in the route (*Christiansand* and *New York*) for carrying goods and passengers.

The goods shipped from the ports of western Norway have, as a rule, always been forwarded via English ports.

The declared exports from the consular district alone, as shown by the invoice book of the consulate, amounted in 1892 to over $714,000.

The principal articles were as follows:

| | | | |
|---|---|---|---|
| Acid, oxalic | $12,750 | Mica | $2,980 |
| Beer | 600 | Oil: | |
| Berries | 60 | Cod liver | 22,100 |
| Books and periodicals | 22,440 | Fish | 40 |
| Cheese | 1,380 | Sperm | 210 |
| Fish: | | Personal effects | 10,610 |
| Anchovies | 2,900 | Rags | 2,450 |
| Codfish, salted | 310 | Rope, old | 7,440 |
| Herring, salted | 26,270 | Silver wares | 14,200 |
| Mackerel, salted | 84,000 | Skins | 33,430 |
| Roe of codfish | 160 | Wood pulp | 464,870 |
| Other fish | 600 | Sundries | 3,930 |
| Iron, unwrought | 310 | | |
| Machinery | 670 | Total | 714,710 |

A large exportation also took place from the consular district of Bergen (including the western and northern part of the country) amounting to over $616,000.

The total exports from Norway to the United States in 1892 reached about $1,330,000.

### RAILROADS.

No additional mileage was added to Norwegian railroads in 1892. The length of the present lines is 1,562 kilometers (971¼ miles).

### MERCANTILE MARINE.

The commercial fleet of Norway consisted, at the close of the past year, of 7,506 vessels, with an aggregate registered tonnage of 1,744,993 tons, 6,739 of which were sailing vessels of 1,493,503 tons and 767 steamers of 251,490 tons.

From the close of 1891 to the close of 1892, the number of vessels decreased by 27; the tonnage, however, showing an increase of 6,413 tons.

The decrease in the number of vessels during the last year occurred only among the sailing vessels, which class shows a falling off in number as well as in tonnage of 59 vessels and 6,566 tons.

The number of steamers increased during the year 1892 from 735 to 767, and steam tonnage from 238,511 to 251,490 tons, which shows a progress of 32 steamers and tonnage of 12,979 tons.

The statistics on the commercial fleet for 1892, when compared with those of the year 1882, show the following results:

| Date. | Steamers. | | Sailing vessels. | |
|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* |
| December 31, 1882 | 407 | 82,519 | 7,506 | 1,447,485 |
| December 31, 1892 | 767 | 251,490 | 6,739 | 1,493,503 |

From the above figures it will be seen that the number of sailing vessels decreased 767 ships during the last decade, while the tonnage increased 46,018 tons. The steamship class shows an increase during the same period of 360 ships and 168,971 tons.

There was, on the whole, during the last decade, a decrease of 407 vessels, but an increase of 214,989 tons in the tonnage.

### SHIP BUILDING.

The increase by new ships built in the past year amounts to 105 vessels (78 sailing vessels and 27 steamers), with an aggregate tonnage of 25,969 tons.

The ship building has, during the last five years, shown the following results:

| Year. | Steamers. | | Sailing vessels. | |
|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* |
| 1888 | 7 | 2,038 | 37 | 9,369 |
| 1889 | 20 | 6,285 | 56 | 7,096 |
| 1890 | 39 | 12,142 | 98 | 12,646 |
| 1891 | 39 | 12,028 | 93 | 17,442 |
| 1892 | 27 | 8,821 | 78 | 17,148 |

### NAVIGATION.

The total number of vessels of all nationalities entered and cleared at Norwegian ports during 1892 was 22,706, with an aggregate tonnage of 5,786,587 tons, viz:

ENTERED.

| Flag. | With cargo. | | In ballast. | | Total. | |
|---|---|---|---|---|---|---|
| STEAMERS. | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Norwegian | 2,026 | 742,279 | 368 | 118,595 | 2,394 | 861,874 |
| Foreign | 1,056 | 616,139 | 307 | 191,507 | 1,363 | 807,646 |
| Total | 3,082 | 1,359,418 | 675 | 310,102 | 3,757 | 1,669,520 |
| SAILING VESSELS. | | | | | | |
| Norwegian | 1,792 | 348,821 | 2,513 | 718,353 | 4,305 | 1,067,174 |
| Foreign | 1,196 | 66,687 | 1,494 | 99,455 | 2,690 | 166,142 |
| Total | 2,988 | 415,508 | 4,007 | 817,808 | 6,995 | 1,233,316 |

CLEARED.

| | | | | | | |
|---|---|---|---|---|---|---|
| STEAMERS. | | | | | | |
| Norwegian | 2,227 | 769,961 | 177 | 95,553 | 2,204 | 865,514 |
| Foreign | 1,130 | 607,311 | 233 | 205,509 | 1,363 | 812,820 |
| Total | 3,357 | 1,377,272 | 410 | 301,062 | 3,567 | 1,678,334 |
| SAILING VESSELS. | | | | | | |
| Norwegian | 3,718 | 853,715 | 421 | 176,352 | 4,139 | 1,030,067 |
| Foreign | 3,697 | 163,670 | 351 | 11,680 | 4,048 | 175,350 |
| Total | 7,415 | 1,017,385 | 772 | 188,032 | 8,187 | 1,205,417 |

GERH. GADE,
*Consul.*

CHRISTIANIA, *November, 1893.*

## CHRISTIANIA.

*Value of declared exports from the consular district of Christiania to the United States during the year ending June 30, 1893.*

| Quarter ending: | |
|---|---|
| September 30 | $212,742.85 |
| December 31 | 221,374.31 |
| March 31 | 218,842.36 |
| June 30 | 221,313.97 |
| Total | 874,273.49 |

GERH. GADE,
*Consul.*

## STOCKHOLM.

*Value of declared exports from the consular district of Stockholm to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30. | Dec. 31. | Mar. 31. | June 30. | |
| Wire rods | $131,170.76 | $155,843.54 | $81,949.66 | $109,282.46 | $478,246.42 |
| Steel wire rods | 2,723.77 | 15,360.80 | ..... | 1,932.41 | 20,016.98 |
| Iron | 80,175.72 | 194,141.27 | 20,720.54 | 97,994.57 | 393,032.10 |
| Iron charcoal | 37,811.01 | ..... | ..... | ..... | 37,811.01 |
| Pig iron | 35,310.63 | 8,586.72 | ..... | 58,793.04 | 103,190.39 |
| Bowls and parts of machinery | 1,931.42 | 25,189.61 | 55,217.72 | 13,865.29 | 96,204.04 |
| Filter paper | 930.58 | ..... | ..... | ..... | 930.58 |
| Glassware | 2,351.99 | ..... | ..... | ..... | 2,351.99 |
| Nail rods | 49,955.64 | 52,877.09 | 37,771.00 | 58,894.28 | 199,498.01 |
| Steel | 49,394.71 | 77,214.86 | 16,178.50 | 37,944.47 | 180,732.54 |
| Cement | 3,430.49 | ..... | ..... | ..... | 3,430.49 |
| Books | 4,065.79 | 16,482.76 | ..... | 13,584.22 | 33,932.77 |
| Razors and knives | 1,640.22 | ..... | ..... | ..... | 1,640.22 |
| Empty barrels | 22,790.70 | ..... | ..... | ..... | 22,790.70 |
| Wood pulp | 7,820.29 | 12,897.33 | ..... | 31,577.70 | 52,295.32 |
| Medico apparatus | 2,637.12 | ..... | ..... | ..... | 2,637.12 |
| Miscellaneous | 1,649.24 | 16,819.73 | 10,288.15 | 6,111.15 | 34,868.27 |
| Total | 436,290.08 | 575,413.71 | 222,125.57 | 429,779.59 | 1,663,608.95 |

CARL P. GERELL,
*Vice-Consul.*

# SWITZERLAND.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Tota |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| BASLE. | | | | | |
| Absinthe | $6,771.60 | $11,729.94 | $10,880.90 | $9,113.00 | $38,49 |
| Aniline colors | 64,362.09 | 65,337.96 | 83,480.15 | 71,938.19 | 285,11 |
| Argols | 2,627.15 | 9,549.16 | 7,025.84 | 7,573.80 | 26,77 |
| Asphalt | 7,765.30 | 19,222.30 | 10,184.00 | 12,930.00 | 50,10 |
| Cheese | 24,012.96 | 3,050.40 | 4,038.04 | 16,159.96 | 47,26 |
| Clothing, knit | 34,035.80 | 8,241.01 | 15,170.48 | 17,565.47 | 75,01 |
| Dyestuffs and chemicals | 62,195.87 | 48,747.27 | 46,655.12 | 48,650.22 | 206,24 |
| Hair, animal | | 1,997.88 | | | 1,99 |
| Hides, salted | 44,950.26 | 36,476.26 | 74,315.44 | 26,526.87 | 182,26 |
| Kirschwasser | 641.41 | | 215.52 | | 85 |
| Machinery | | | 4,020.00 | 102.00 | 4,15 |
| Minerals | | 5,192.80 | | | 5,19 |
| Music boxes | | | | 303.20 | 30 |
| Photographic instruments | 276.80 | 213.10 | | 502.90 | 99 |
| Ribbons, silk and mixed | 326,221.37 | 387,305.94 | 426,127.30 | 264,887.56 | 1,404,54 |
| Silk, spun waste | 37,667.34 | 67,578.11 | 86,012.88 | 34,782.77 | 226,04 |
| Silk, waste | | 7,336.73 | | 815.50 | 8,15 |
| Watches and watch materials | 373,147.65 | 410,875.94 | 347,608.87 | 361,814.36 | 1,493,44 |
| Wine | 450.52 | 391.13 | 285.20 | 686.67 | 1,81 |
| Miscellaneous | | 644.01 | 2,409.04 | 2,298.42 | 5,35 |
| Total | 985,126.12 | 1,083,889.98 | 1,118,428.78 | 876,650.89 | 4,064,09 |
| BERNE. | | | | | |
| Cheese | 205,124.92 | 151,860.71 | 177,535.77 | 164,505.15 | 699,07 |
| Milk food, milk sugar, condensed milk | | | 1,726.45 | | 1,73 |
| Silk tissues | 16,557.59 | 21,606.94 | 13,700.95 | 15,385.20 | 67,25 |
| Straw goods | 8,093.07 | 14,459.75 | 24,739.90 | 5,345.59 | 52,63 |
| Sundries | 509.13 | 447.37 | 318.03 | 3,066.67 | 4,34 |
| Underwear, silk, wool, and cotton | 29,890.91 | 20,537.09 | 22,539.98 | 22,190.63 | 95,15 |
| Watch and watch materials | 7,091.30 | 4,856.94 | 9,030.95 | 1,449.67 | 22,42 |
| Wood carvings | 747.25 | 865.50 | 1,198.51 | 293.05 | 3,10 |
| Total | 268,014.17 | 214,634.30 | 250,790.54 | 212,233.95 | 945,67 |
| Total for preceding year | 169,656.52 | 211,248.11 | 176,529.93 | 180,911.47 | 738,34 |
| Increase | 98,357.65 | 3,386.19 | 74,260.61 | 31,322.48 | 207,32 |
| GENEVA. | | | | | |
| Chromos | | 441.10 | | | 44 |
| Condensed milk | 41,158.60 | 14,642.72 | 22,656.85 | 26,513.38 | 104,97 |
| Furs | | 1,429.16 | 392.95 | | 1,82 |
| Hardware | 10,818.61 | 12,493.08 | 13,029.57 | 11,937.51 | 48,27 |
| Household goods | 540.40 | | 4,579.89 | 5,503.97 | 10,62 |
| Leather | 15,634.15 | 32,030.86 | 18,182.92 | 21,620.44 | 87,46 |
| Musical boxes | 68,355.74 | 61,257.60 | 28,380.07 | 39,634.26 | 197,61 |
| Machinery | | | 598.87 | 2,103.31 | 2,70 |
| Precious stones | 1,064.03 | 1,869.25 | 921.96 | 1,741.83 | 5,59 |
| Physical instruments | 692.48 | 1,441.02 | 1,049.15 | 669.56 | 3,85 |
| Pharmaceutical preparations | | | | 968.09 | 96 |
| Sundries | 366.21 | 579.19 | 648.40 | 267.27 | 1,86 |
| Watches and watch material | 98,725.65 | 116,321.48 | 63,927.76 | 91,999.76 | 370,97 |
| Wine | 586.33 | | 894.36 | 315.36 | 1,79 |
| Wood carvings | 170.61 | | | | 17 |
| Total | | | | | 839,14 |
| HORGEN. | | | | | |
| Wool goods | 261.41 | | | | 26 |
| Catholic devotional articles | 9,123.77 | 8,641.41 | 5,834.57 | 11,895.30 | 35,49 |
| Cheese | 5,521.27 | 5,058.73 | 3,418.90 | 5,707.66 | 19,70 |
| Condensed milk | 34,084.57 | 10,898.63 | 16,943.65 | 23,779.72 | 85,70 |
| Machinery | | 3,140.11 | 1,306.61 | 1,660.18 | 6,10 |
| Silk in pieces | 134,883.57 | 98,999.38 | 149,188.73 | 87,878.84 | 470,95 |
| Silk and cotton in pieces | 253,847.99 | 243,082.87 | 227,872.38 | 256,141.58 | 980,94 |
| Sugar of milk | 1,572.72 | 1,813.70 | 454.13 | 469.12 | 4,30 |
| Silk, spun | 12,584.53 | 30,466.88 | 46,454.82 | 25,484.97 | 114,99 |
| Wine and spirits | | 261.71 | 404.53 | 191.65 | 85 |
| Miscellaneous | 6,678.76 | 2,730.53 | 1,515.12 | 2,934.94 | 13,85 |
| Total | 458,558.59 | 409,093.95 | 453,393.44 | 416,243.96 | 1,733,18 |
| Total for preceding year | 351,797.10 | 351,734.70 | 244,786.57 | 295,086.28 | 1,243,40 |
| Increase | 106,761.49 | 53,359.25 | 208,606.87 | 121,057.68 | 489,78 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **ST. GALL.** | | | | | |
| Bolting cloth (silk) | $26,772.18 | $19,256.10 | $26,688.61 | $36,826.19 | $109,543.08 |
| Cotton embroideries * | 524,521.42 | 1,533,390.64 | 908,584.91 | 439,331.43 | 3,405,828.40 |
| Church articles | | | 1,122.51 | | 1,122.51 |
| Curtains | 409,433.63 | 242,793.06 | 476,675.31 | 198,419.55 | 1,327,321.55 |
| Fancy articles (mostly handkerchiefs) | 362,501.02 | 252,259.38 | 170,753.02 | 243,264.06 | 1,028,777.48 |
| Figured and dotted swisses | 45,644.93 | 109,035.87 | 175,449.72 | 39,179.25 | 369,309.27 |
| Laces | 37,211.48 | 22,692.77 | 41,719.61 | 13,205.45 | 114,829.31 |
| Machines and parts thereof | 8,221.79 | 4,628.72 | 7,021.89 | 3,444.57 | 23,316.97 |
| Metal embroidered articles | 4,266.72 | | 3,584.26 | | 7,850.98 |
| Milk (condensed) | | | 1,939.26 | | 1,939.26 |
| Parasol covers | | | 3,453.72 | | 3,453.72 |
| Plain cotton cloth (muslins, cambrics, etc.) | 10,592.15 | 35,002.71 | 37,208.94 | 25,148.13 | 107,951.93 |
| Ribbons | | | 1,733.53 | | 1,733.53 |
| Silk embroideries | 44,286.53 | 22,285.16 | 20,363.63 | 10,166.32 | 97,101.64 |
| Sundries | 2,657.55 | 2,103.10 | 2,321.07 | 2,458.65 | 9,540.37 |
| Toggenburg articles | 5,338.97 | 4,883.54 | | 2,859.21 | 13,081.72 |
| Total | 1,541,428.37 | 2,248,330.55 | 1,878,619.99 | 1,014,302.81 | 6,682,681.72 |
| **ZURICH.** | | | | | |
| Agate goods | | 626.86 | 369.40 | 927.75 | 1,924.01 |
| Beef extract | 2,074.40 | 1,981.34 | 6,047.54 | | 10,103.28 |
| Brushes | 1,498.32 | 365.74 | 486.36 | 452.97 | 2,803.39 |
| Candles | | 167.19 | 167.19 | | 334.38 |
| Cheese | | 3,687.46 | 7,466.53 | 5,345.53 | 16,499.52 |
| Cotton embroideries | 959.89 | 1,671.72 | 651.92 | 525.44 | 3,808.97 |
| Cotton piece goods | 8,928.26 | 4,469.63 | 3,514.82 | 299.10 | 17,211.81 |
| Cotton yarn | | | 624.62 | 379.92 | 1,004.54 |
| Elastic crape | 395.07 | 80.48 | | | 475.55 |
| Gelatine | 1,572.97 | 2,743.28 | 500.60 | 766.17 | 5,583.02 |
| Grease | | 1,326.76 | | | 1,326.76 |
| Hardware and machinery | 1,757.95 | 1,753.52 | 503.88 | 702.79 | 4,718.14 |
| Household effects | | 354.16 | 452.59 | 2,923.95 | 3,730.70 |
| Jute goods | 1,235.68 | | | | 1,235.68 |
| Knit goods | 79,834.32 | 57,938.25 | 73,757.76 | 69,157.48 | 280,687.81 |
| Mineral water | | 424.60 | | | 424.60 |
| Oil chromos | 685.92 | 583.68 | 138.09 | 201.14 | 1,608.83 |
| Rennets | | | 238.93 | | 238.93 |
| Scientific instruments | 2,866.45 | 989.94 | 2,119.02 | 547.35 | 6,522.76 |
| Silk bolting cloth | 33,188.69 | 60,359.15 | 44,947.92 | 29,719.26 | 168,215.02 |
| Silk embroideries | 3,506.16 | 1,300.93 | 559.60 | 1,075.43 | 6,442.12 |
| Silk and half silk piece goods | 502,234.61 | 506,412.99 | 658,776.02 | 534,861.53 | 2,202,285.15 |
| Silk and half silk ribbons | 19,079.54 | 24,862.23 | 55,229.11 | 10,787.98 | 79,958.86 |
| Straw goods | 31,835.84 | 191,199.31 | 259,722.96 | 36,626.18 | 519,384.29 |
| Swiss pills | | 728.11 | 727.61 | 362.84 | 1,818.56 |
| Velvets | 7,817.27 | 326,64 | 2,510.93 | 351.45 | 11,006.29 |
| Wine | 1,109.54 | 1,032.65 | | 1,912.36 | 4,054.55 |
| Sundries | 1,503.82 | 696.74 | 491.99 | 107.71 | 2,800.26 |
| Total | 702,084.70 | 866,083.36 | 1,090,005.39 | 698,034.33 | 3,356,207.78 |
| Total for previous year | 600,338.04 | 677,270.46 | 871,537.90 | 531,640.13 | 2,680,786.53 |

* Made on Hamburg machine, $510,932.63; on Schiffli machine, $13,588.79.

# TURKEY.

## CONSTANTINOPLE.

*Value of declared exports from the consular district of Constantinople to the United States during the year ended June 30, 1893.*

| Articles. | Quarters ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Attar of roses | $49,489.05 | $49,597.58 | $33,465.99 | $16,177.37 | $148,729.99 |
| Carpets and rugs | 218,601.32 | 86,685.10 | 176,031.39 | 228,402.70 | 709,720.51 |
| Cocoons, pierced | 7,444.71 | | | | 7,444.71 |
| Coins, Turkish | | | | 1,826.44 | 1,826.44 |
| Embroideries | 9,988.38 | 7,732.72 | 5,175.65 | 8,438.94 | 31,335.69 |
| Gum tragacanth | 15,044.75 | 20,294.26 | 23,027.46 | 1,693.63 | 60,060.10 |
| Guts, sheep | | | | 3,109.52 | 3,109.52 |
| Iron, ore | | | 14,494.55 | | 14,494.55 |
| Meerschaum, crude | | | | 1,806.64 | 1,806.64 |
| Mohair | 74,743.10 | 49,534.64 | 18,124.07 | 26,944.57 | 169,346.38 |
| Oil of geranium | | | 273.33 | 582.36 | 855.69 |
| Olives | | | | 576.32 | 576.32 |
| Opium | 86,989.48 | 49,155.65 | 117,713.47 | 66,368.87 | 320,227.47 |
| Oriental articles and bazaar goods | 18,564.10 | 3,450.02 | 54,105.17 | 35,095.90 | 111,215.25 |
| Roans | 5,644.57 | 3,218.02 | 7,601.90 | 3,192.64 | 19,657.13 |
| Rubber, old | | | | 1,711.13 | 1,711.13 |
| Scammony | | | | 673.62 | 673.62 |
| Silk, raw | 2,691.32 | 18,798.73 | 6,934.84 | 207.07 | 28,631.96 |
| Skins, goat, sheep | | 6,709.29 | 11,611.03 | 6,491.37 | 24,811.69 |
| Slippers | 5,242.35 | 6,074.00 | | 1,392.93 | 12,709.28 |
| Tobacco, leaf, cigarettes | 541.50 | 3,465.90 | | 1,558.34 | 5,565.74 |
| Wine | | | 322.15 | | 322.15 |
| Wool, carpet, sheep | 104,602.46 | 82,123.90 | 46,142.94 | 26,138.17 | 259,007.47 |
| Sundries | 6,611.39 | 7,871.40 | 1,562.44 | 7,098.95 | 23,144.18 |
| Total | 606,198.48 | 394,711.21 | 516,586.38 | 439,487.54 | 1,956,983.61 |
| Total for preceding year | 403,013.58 | 452,481.91 | 433,496.51 | 323,945.60 | 1,612,937.60 |
| Increase | 203,184.90 | | 83,089.87 | 115,541.94 | 344,046.01 |
| Decrease | | 57,770.70 | | | |

WILLIAM B. HESS,
*Consul-General.*

# UNITED KINGDOM.

### IMPORTS AND EXPORTS.

The value of the total imports and exports of merchandise into and from the United Kingdom in 1892 was $3,577,170,240, a proportion of $94 per head of the population, and showed a decrease of $145,604,670 as compared with 1891.

The imports amounted to $2,118,969,410, a decrease of $58,236,910, or 2¼ per cent.

The total exports were valued at $1,458,200,830, and showed a falling off of $87,367,760, or nearly 6 per cent.

The exports of British and Irish produce amounted to $1,135,385,265, a decrease of $100,790,485, or 8 per cent. On the other hand, the value of foreign and colonial merchandise exported from the United Kingdom ($322,815,565) showed an increase of $13,422,725, or 4 per cent.

The total value of imports from British possessions amounted to $488,831,520, a falling off as compared with the previous year of $8,492,070, or rather less than 2 per cent, and from foreign countries $1,630,137,890, a decrease of $49,744,840, or 2¼ per cent.

The imports from North American colonies showed an increase of $10,000,000, this being the only increase of any importance. Australasia showed a falling off of $3,500,000; India, $8,500,000, and the Cape, $4,000,000. From foreign countries, Holland shows an increase of $7,500,000; Portugal, $2,500,000; Spain, $2,000,000;

United States, nearly $20,000,000; Argentine Republic, $5,000,000; while Russia shows a falling off of $45,000,000; Germany, $6,500,000; France, $6,000,000; Roumania, $10,000,000; Brazil, $3,500,000, and China, $6,000,000.

The total value of exports to the various British possessions amounted to $406,057,705, a decrease, compared with 1891, of $60,632,890, or 12¼ per cent. The only increase of any importance shown was to Canada, and amounted to $1,500,000. The largest decrease was Australasia, amounting to $33,664,460, or 25 per cent, India coming next with a decrease of $17,509,600, or nearly 10 per cent.

The total value of exports to foreign countries was $1,052,143,125, a decrease of $26,734,870, or about 2½ per cent. The largest decrease was to France, amounting to $15,000,000, or about 12½ per cent of the total value of goods sent to that country.

Of the total imports, articles of food and drink amount to $914,498,578, equal to 43 per cent of the total imports; although the value of these articles, as compared with 1891, remains at about the same figure, the percentage to the total imports is 2 per cent larger than in that year.

There was a falling off in the value of corn imported of $3,500,000; this, however, was compensated by an increase in the value of animals for food, bacon, and fresh beef imported.

The values of the other food products were comparatively unchanged, as compared with the previous year.

In exports the value of food and drink products was $103,382,175, equal to 7 per cent of the total exports.

In comparing the imports and exports from and to foreign countries and British Possessions it is found that in 1891 the United Kingdom imported from Russia 37,569,235 cwt. of corn of all kinds of the value of upwards of $69,000,000, and in 1892 only 18,456,411 cwt., of the value of $26,000,000; Roumania, 15,018,577 cwt.; value $24,708,475 in 1891, against 10,656,776 cwt., value $14,628,730 in 1892; together, a decrease of 23,500,000 cwt. of the value of $53,000,000.

This deficit was more than supplied by the United States and Canada, the United States sending 85,294,781 cwt., of the value of $151,832,855, in 1892, as compared with 47,448,115 cwt., of the value of $112,212,730, in 1891, and Canada 9,358,355 cwt., of the value of $17,238,275, in 1892, as against 6,956,638 cwt., of the value of $15,082,965, in 1891, together an increase 40,248,383 cwt. and value $91,775,435. The imports of corn from both India and Australasia showed a slight decrease in 1892, but the Argentine Republic sent $5,000,000 more than in the previous year.

It is interesting to notice how Ceylon is displacing China in the export of tea to this country. In 1888 China sent 105,000,000 pounds, valued at $21,629,895; in 1892 sent 57,000,000 pounds, valued at $10,279,715, only about one-half. In 1888 Ceylon sent 22,500,000 pounds, valued at $6,223,620; in 1892, 66,000,000 pounds, valued at $15,100,495, nearly three times as much, and one-third more in value than China.

*Imports by articles, 1892.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Animals: | | |
| Oxen, bulls, cows, and calves.....number.. | 502,237 | $46,120,055 |
| Sheep and lambs.....do.... | 79,040 | 628,295 |
| Bacon and hams.....cwt.. | 5,134,510 | 54,469,165 |
| Beef.....do.... | 2,355,031 | 24,008,680 |
| Bones, except whalebones.....do.... | 73,484 | 1,814,035 |
| Books, maps, and charts.....do.... | 29,552 | 1,252,645 |
| Brimstone.....do.... | 521,589 | 738,905 |
| Bristles.....pounds.. | 3,001,385 | 2,196,780 |
| Butter.....cwt.. | 2,183,009 | 59,825,950 |
| Margarine.....do.... | 1,305,350 | 18,564,420 |
| Buttons and studs, not of metal.....gross.. | 3,817,432 | 1,682,450 |
| Candles of all sorts.....cwt.. | 38,235 | 396,940 |
| Caoutchouc.....do.... | 272,163 | 14,912,060 |
| Caoutchouc, manufactures of.....pounds.. | 3,448,727 | 2,040,750 |
| Cheese.....cwt.. | 2,232,817 | 27,083,920 |
| Chemical manufactures and products..... | ..... | 7,511,470 |
| China, porcelain, and earthenware.....cwt.. | 199,801 | 3,284,420 |
| Clocks..... | ..... | 2,309,030 |
| Cocoa.....pounds.. | 30,839,525 | 4,961,440 |
| Coffee.....cwt.. | 846,971 | 19,678,795 |
| Confectionery and succades.....do.... | 134,741 | 1,437,810 |
| Milk, condensed.....do.... | 481,374 | 4,651,440 |
| Cordage, twine and cable yarn..... | ..... | 2,925,215 |
| Cork: | | |
| Unmanufactured.....tons.. | 12,522 | 939,620 |
| Manufactured.....pounds.. | 9,055,694 | 3,044,945 |

*Imports by articles, 1892*—Continued.

| Articles. | Quantity. | Value |
|---|---|---|
| **Corn:** | | |
| Wheat ..... cwt.. | 64,901,799 | $124,18 |
| Barley ..... do.... | 14,277,342 | 21,56 |
| Oats ..... do.... | 15,661,394 | 25,06 |
| Maize ..... do.... | 35,321,224 | 47,12 |
| Other kinds ..... do.... | 7,637,458 | 12,30 |
| Flour, of wheat ..... do.... | 22,106,009 | 61,33 |
| Flour, of other kinds ..... do.... | 951,901 | 1,96 |
| Total of corn ..... do.... | 160,917,127 | 293,66 |
| **Cotton:** | | |
| Raw ..... cwt.. | 15,850,324 | 189,44 |
| Yarn ..... pounds.. | 9,022,158 | 2,37 |
| Manufactures of ..... | ..... | 14,06 |
| **Drugs:** | | |
| Bark, Peruvian ..... cwt.. | 106,401 | 1,15 |
| Opium ..... pounds.. | 539,210 | 1,25 |
| Unenumerated ..... | ..... | 4,16 |
| **Dyeing or tanning stuffs:** | | |
| Cochineal, granilla, and dust ..... cwt.. | 5,456 | 16 |
| Cutch and gambier ..... tons.. | 25,200 | 2,74 |
| Extracts ..... | ..... | 2,19 |
| Dyes from coal tar ..... | ..... | 2,71 |
| Indigo ..... cwt.. | 71,344 | 6,78 |
| Shumach ..... tons.. | 12,286 | 66 |
| Valonia ..... do.... | 33,173 | 2,29 |
| Unenumerated ..... cwt.. | 1,289,431 | 3,64 |
| Dye woods ..... tons.. | 72,682 | 2,00 |
| Eggs ..... M.. | 1,336,730 | 18,97 |
| Embroidery and needlework ..... | ..... | 2,41 |
| Farinaceous substances and manufactures thereof, unenumerated, including sago and sago flour ..... | ..... | 7,41 |
| Feathers, ornamental ..... pounds.. | 853,256 | 4,84 |
| Fish ..... cwt.. | 2,550,617 | 13,80 |
| **Flax and hemp:** | | |
| Flax, dressed and undressed ..... do.... | 1,468,081 | 12,59 |
| Tow or codilla flax and hemp ..... do.... | 404,150 | 1,71 |
| Hemp and other like substances, except jute, dressed and undressed, cwt ..... | 1,775,831 | 11,99 |
| Jute ..... tons.. | 255,560 | 19,45 |
| Flowers, artificial ..... | ..... | 1,64 |
| **Fruit:** | | |
| Almonds ..... cwt.. | 106,856 | 1,79 |
| Apples, raw ..... bush.. | 4,514,700 | 6,76 |
| Currants ..... cwt.. | 1,153,427 | 6,67 |
| Raisins ..... do.... | 657,716 | 4,97 |
| Nuts, used as fruit ..... | ..... | 3,02 |
| Oranges and lemons ..... bush.. | 6,763,276 | 10,26 |
| Raw, unenumerated ..... do.... | 2,870,175 | 7,16 |
| Unenumerated, dried or preserved, without sugar ..... cwt.. | 869,482 | 4,51 |
| Glass of all kinds ..... cwt.. | 2,589,631 | 12,17 |
| Guano ..... tons.. | 27,874 | 94 |
| Gum of all sorts ..... cwt.. | 363,382 | 5,61 |
| Gutta-percha ..... do.... | 45,497 | 2,59 |
| **Hair:** | | |
| Goats' hair and wool ..... pounds.. | 19,783,263 | 4,44 |
| Manufactures of goats' wool or hair ..... | ..... | 66 |
| Hides, raw, dry, and wet ..... cwt.. | 909,477 | 10,42 |
| Hops ..... do.... | 187,507 | 4,30 |
| Lace and articles thereof ..... | ..... | 4,83 |
| Lard ..... cwts.. | 1,239,051 | 11,11 |
| Leather ..... pounds.. | 108,386,604 | 31,98 |
| **Leather manufactures:** | | |
| Boots and shoes ..... dozen pairs.. | 118,386 | 1,86 |
| Gloves ..... pairs.. | 22,118,916 | 9,85 |
| **Linen:** | | |
| Yarn ..... pounds.. | 20,447,801 | 3,94 |
| Manufactures ..... | ..... | 1,91 |
| Matches ..... | ..... | 1,83 |
| **Meat:** | | |
| Unenumerated, salted or fresh ..... cwt.. | 1,850,539 | 18,96 |
| Preserved, other than salted ..... do.... | 799,501 | 9,76 |
| **Metals:** | | |
| Copper ore and regulus ..... tons.. | 226,087 | 19,83 |
| Unwrought, part wrought, and old copper ..... do.... | 36,834 | 8,57 |
| Iron ore ..... do.... | 3,780,503 | 13,58 |
| Iron, in bars ..... do.... | 75,915 | 3,44 |
| Iron and steel, wrought or manufactured ..... do.... | 218,364 | 15,17 |
| Lead, pig, and sheet ..... do.... | 182,782 | 8,83 |
| Manganese, ore of ..... do.... | 109,823 | 1,70 |
| Quicksilver ..... pounds.. | 4,274,274 | 1,96 |

*Imports by articles, 1892*—Continued.

| Articles. | Quantity. | Value. |
|---|---|---|
| **Metals—Continued:** | | |
| Silver ore | | $15,160,845 |
| Tin, in blocks, ingots, bars, or slabs ..... cwt.. | 589,365 | 13,719,070 |
| Zinc, crude, in cakes ..... tons.. | 52,793 | 5,512,955 |
| Zinc, manufactured ..... cwt.. | 379,161 | 2,315,400 |
| Musical instruments | | 4,985,090 |
| Nuts and kernels, used for expressing oil therefrom ..... tons.. | 55,492 | 3,383,265 |
| Oil: | | |
| Fish ..... tons.. | 21,121 | 2,075,595 |
| Palm ..... cwt.. | 1,058,580 | 5,847,450 |
| Cocoanut ..... do.... | 164,569 | 956,900 |
| Olive ..... tuns.. | 20,476 | 3,812,580 |
| Seed ..... tons.. | 22,033 | 2,779,160 |
| Turpentine ..... cwt.. | 516,597 | 2,954,665 |
| Oil-seed cake ..... tons.. | 311,872 | 10,735,495 |
| Onions, raw ..... bushels.. | 4,420,276 | 3,620,200 |
| Painters' colors and pigments | | 5,067,400 |
| Paper: | | |
| For printing or writing ..... cwt.. | 363,345 | 2,129,640 |
| Other, except hangings ..... do.... | 2,523,327 | 9,733,150 |
| Paraffine ..... do.... | 552,572 | 3,748,520 |
| Petroleum, unrefined and refined ..... gallons. | 130,186,085 | 12,234,530 |
| Phosphate of lime and rock ..... tons.. | 314,130 | 3,328,445 |
| Pictures and drawings by hand, prints, engravings, and photographs | | 3,650,895 |
| Pork ..... cwt.. | 360,461 | 3,082,135 |
| Potatoes ..... do.... | 3,008,336 | 4,751,660 |
| Poultry, game, and rabbits | | 4,433,460 |
| Pyrites of iron or copper ..... tons.. | 604,411 | 5,317,530 |
| Rags and paper-making materials: | | |
| Rags ..... do.... | 23,032 | 1,070,325 |
| Esparto and other materials ..... do.... | 430,280 | 11,136,200 |
| Rice ..... cwt.. | 6,271,699 | 13,943,375 |
| Rosin ..... do.... | 1,681,393 | 1,920,250 |
| Salt peter ..... do.... | 308,355 | 1,339,655 |
| Cubic niter ..... do.... | 2,391,217 | 5,100,966 |
| Seeds: | | |
| Clover and grass ..... do.... | † 297,321 | 3,175,675 |
| Cotton ..... tons.. | 409,668 | 11,816,875 |
| Flax or linseed ..... quarters.. | 1,902,152 | 18,651,705 |
| Rape ..... do.... | 244,017 | 1,567,420 |
| Shells of all kinds | | 2,683,060 |
| Silk: | | |
| Knubs or husks and waste ..... cwt.. | 46,392 | 2,644,110 |
| Raw ..... pounds.. | 1,503,283 | 4,720,270 |
| Thrown ..... do.... | 502,777 | 2,206,570 |
| **Silk manufactures:** | | |
| Broad stuffs | | 29,457,535 |
| Ribbons | | 13,744,435 |
| Other manufactures | | 13,859,345 |
| Total silk manufacturings | | 57,061,315 |
| **Skins and furs:** | | |
| Goat, undressed ..... number.. | 10,817,303 | 5,272,000 |
| Seal ..... do.... | 724,329 | 2,524,095 |
| Sheep and lamb, undressed ..... do.... | 12,382,213 | 6,983,310 |
| Furs of all sorts ..... do.... | 46,035,769 | 5,177,090 |
| Manufactures of, including rugs | | 3,394,635 |
| **Spices:** | | |
| Pepper ..... pounds.. | 31,190,075 | 2,360,710 |
| Of all other sorts ..... do.... | 15,212,465 | 2,120,255 |
| **Spirits:** | | |
| Rum ..... gallons.. | 6,852,240 | 2,960,980 |
| Brandy ..... do.... | 2,986,366 | 6,733,815 |
| Other foreign and colonial spirits ..... do.... | 2,064,763 | 1,861,080 |
| Total spirits ..... do.... | 11,903,369 | 11,555,875 |
| **Stones, marble and slate:** | | |
| Rough, hewn, or manufactured (other than works of art) ..... tons.. | 556,826 | 3,516,725 |
| Straw plating for making hats or bonnets ..... pounds.. | 8,162,714 | 2,931,625 |
| **Sugar:** | | |
| Refined and sugar candy ..... cwt.. | 10,620,071 | 45,309,740 |
| Unrefined ..... do.... | 16,295,647 | 53,534,545 |
| Molasses ..... do.... | 616,041 | 903,050 |
| Glucose ..... do.... | 918,570 | 2,832,165 |
| Tallow and stearine ..... do.... | 1,375,679 | 8,739,840 |
| Tea ..... pounds.. | 239,445,467 | 50,236,770 |
| Teeth, elephants, sea cow and sea horse ..... cwt.. | 11,505 | 2,795,415 |

*Imports by articles, 1898.*

| Articles. | Quantity. | Value |
|---|---|---|
| Tobacco: | | |
| Manufactured, cigars and snuff.....pounds.. | 4,142,298 | $6,87 |
| Unmanufactured.....do.... | 63,418,617 | 10,81 |
| Toys | | 4,03 |
| Vegetables, raw, unenumerated | | 5,08 |
| Watches | | 3,71 |
| Wine.....galls.. | 17,319,477 | 30,09 |
| Wood and timber: | | |
| Hewn.....loads.. | 2,469,139 | 24,42 |
| Sawn or split.....do.... | 5,090,798 | 55,85 |
| Staves.....do.... | 136,063 | 2,96 |
| Mahogany.....tons.. | 56,315 | 2,50 |
| House frames, fittings, joinery, and cabinetwork | | 3,37 |
| Unenumerated.....tons.. | 90,067 | 3,21 |
| Wool, sheep, lambs, alpaca, and the Llama tribe.....pounds.. | 743,046,104 | 125,29 |
| Woolen rags.....tons.. | 25,232 | 2,50 |
| Woolen manufactures | | 49,19 |
| Woolen and worsted yarns: | | |
| Berlin wool and yarn used for fancy purposes.....pounds.. | 1,397,143 | 1,18 |
| Yarn for weaving | 15,293,809 | 3,44 |
| Yeast, dried.....cwt.. | 235,029 | 3,05 |
| All other articles | | 94,30 |
| Total | | 2,118,96 |

*Exports by articles, 1898.*

| Articles. | Quantity. | Value |
|---|---|---|
| BRITISH AND IRISH PRODUCE. | | |
| Alkali.....cwt.. | 5,885,600 | $10,59 |
| Animals: Horses.....number.. | 11,233 | 2,81 |
| Apparel and slops | | 24,28 |
| Arms and ammunition: | | |
| Firearms (small).....number.. | 131,722 | 1,14 |
| Gunpowder.....pounds.. | 7,935,800 | 1,01 |
| Of all other kinds | | 5,16 |
| Bags, empty.....dozens.. | 2,085,090 | 2,96 |
| Beer and ale.....barrels.. | 451,972 | 3,25 |
| Biscuit and bread.....cwt.. | 217,202 | 3,02 |
| Bleaching materials.....do ... | 1,489,700 | 2,99 |
| Books, printed.....do.... | 166,961 | 6,45 |
| Butter.....do.... | 14,077 | 41 |
| Candles of all sorts.....pounds.. | 18,375,500 | 1,72 |
| Caoutchouc, manufacturers of | | 6,07 |
| Carriages and wagons, railway | | 4,13 |
| Cement.....cwt.. | 9,852,300 | 4,51 |
| Cheese.....do.... | 11,385 | 22 |
| Chemical products and dyestuffs | | 13,57 |
| Clay, unmanufactured.....tons.. | 267,685 | 1,48 |
| Clocks and watches | | 50 |
| Coal, etc: | | |
| Coals, cinders, and fuel.....tons.. | 30,453,973 | 84,05 |
| Products of coal, except dyes | | 6,66 |
| Cordage and twine.....cwt.. | 224,930 | 2,88 |
| Corn: | | |
| Wheat.....cwt.. | 90,270 | 18 |
| Wheat flour.....do.... | 219,023 | 59 |
| Of other kinds | | 1,23 |
| Cotton yarn.....pounds.. | 233,224,400 | 43,46 |
| Cotton manufactures: | | |
| Piece goods— | | |
| White or plain.....yards.. | 3,329,037,000 | 147,98 |
| Printed, checked, or dyed.....do.... | 1,543,964,500 | 95,83 |
| Of mixed materials.....do.... | 104,300 | 1 |
| Stockings and socks.....dozen pairs.. | 1,124,051 | 1,27 |
| Thread for sewing.....pounds.. | 16,169,300 | 14,33 |
| Lace and patent net | | 10,50 |
| Hosiery and small wares | | 11,38 |
| Total cotton manufactures | | 281,32 |
| Earthen and china wares, including manufactures of clay | | 11,28 |
| Fish: | | |
| Herrings.....barrels.. | 1,125,458 | 6,05 |
| Of other sorts | | 2,24 |
| Furniture, cabinet and upholstery wares | | 2,66 |

*Exports by articles, 1892.*

| Articles. | Quantity. | Value. |
|---|---|---|
| BRITISH AND IRISH PRODUCE—continued. | | |
| Glass: | | |
| Plate, rough or silvered ..... square feet.. | 2,158,076 | $562,395 |
| Flint ..... cwt.. | 93,739 | 1,127,640 |
| Common bottles ..... do.... | 753,742 | 1,801,715 |
| Of other sorts ..... do.... | 222,088 | 914,835 |
| Grease, tallow, and animal fat ..... do.... | 441,728 | 2,959,785 |
| Haberdashery and millinery ..... | ..... | 8,789,100 |
| Hardware and cutlery ..... | ..... | 10,973,630 |
| Hats of all sorts ..... dozens.. | 1,250,610 | 5,983,130 |
| Implements and tools of industry ..... | ..... | 6,810,245 |
| Instruments and apparatus, surgical, anatomical and scientific ..... | ..... | 1,453,295 |
| Leather: | | |
| Unwrought ..... cwt.. | 131,452 | 6,226,050 |
| Wrought, boots and shoes ..... dozen pairs.. | 659,911 | 8,499,105 |
| Wrought, of other sorts ..... | ..... | 1,663,435 |
| Saddlery and harness ..... | ..... | 2,400,780 |
| Linen and jute yarn: | | |
| Linen yarn ..... pounds.. | 15,460,600 | 4,450,710 |
| Jute yarn ..... do.... | 25,682,400 | 1,429,410 |
| Linen and jute manufactures: | | |
| Linen manufactures: | | |
| White or plain ..... yards.. | 156,250,800 | 17,240,945 |
| Printed, checked, or dyed ..... do.... | 12,157,000 | 1,506,720 |
| Sailcloth and sails ..... do.... | 2,890,700 | 665,585 |
| Thread for sewing ..... do.... | 2,458,400 | 1,548,065 |
| Of other sorts ..... | ..... | 4,868,195 |
| Total linen manufactures ..... | ..... | 25,829,510 |
| Jute manufactures ..... yards.. | 266,247,100 | 12,812,005 |
| Machinery: | | |
| Steam engines ..... | ..... | 16,089,110 |
| Of other sorts ..... | ..... | 53,347,075 |
| Manure ..... | ..... | 10,689,055 |
| Medicines ..... | ..... | 5,006,155 |
| Metals: | | |
| Iron, old, for remanufacture ..... tons.. | 106,488 | 1,638,080 |
| Iron, pig and puddled ..... do.... | 767,053 | 9,873,725 |
| Iron, bar, angle, bolt, and rod ..... do.... | 173,414 | 5,738,410 |
| Iron, railroad of all sorts ..... do.... | 468,003 | 11,236,110 |
| Iron, wire ..... do.... | 47,350 | 3,909,575 |
| Iron, hoops, sheets, and boiler plates ..... do.... | 297,236 | 16,703,375 |
| Iron, tinned plates ..... do.... | 395,449 | 26,651,080 |
| Iron, cast or wrought, and all other manufactures ..... do.... | 319,909 | 21,811,445 |
| Steel, unwrought ..... do.... | 149,131 | 8,703,270 |
| Manufactures of steel or of steel and iron combined ..... do.... | 15,246 | 2,503,770 |
| Total iron and steel ..... do.... | 2,739,279 | 108,828,840 |
| Copper, unwrought— | | |
| Ingots, cakes or slabs ..... cwt.. | 845,822 | 10,307,220 |
| Copper, wrought or partly wrought— | | |
| Mixed, or yellow metal ..... cwt.. | 295,582 | 3,645,440 |
| Of other sorts ..... do.... | 324,332 | 4,864,985 |
| Brass of all sorts ..... do.... | 108,215 | 2,272,685 |
| Lead, pig, sheet, and pipe ..... tons.. | 58,102 | 3,542,550 |
| Tin, unwrought ..... cwt.. | 112,939 | 2,720,335 |
| Zinc, wrought and unwrought ..... do.... | 196,211 | 894,880 |
| Musical instruments ..... | ..... | 948,665 |
| Oil and floor cloth ..... square yards.. | 16,442,200 | 3,564,185 |
| Oil, seed ..... tons.. | 67,232 | 6,613,590 |
| Painters' colors and materials ..... | ..... | 7,625,760 |
| Paper, other than hanging ..... cwt.. | 873,653 | 7,156,020 |
| Pickles, vinegar, and sauces ..... | ..... | 6,322,380 |
| Pictures ..... number.. | 13,637 | 1,445,625 |
| Plate and plated ware ..... | ..... | 1,607,465 |
| Provisions, not otherwise described ..... | ..... | 3,814,875 |
| Rags and other materials for paper ..... tons.. | 57,648 | 2,009,445 |
| Salt ..... do.... | 654,136 | 2,696,310 |
| Seeds of all sorts ..... cwt.. | 215,024 | 1,391,615 |
| Silk, thrown, twist, and yarn ..... | ..... | 1,614,470 |
| Silk manufactures: | | |
| Broad piece goods ..... yards.. | 5,951,823 | 3,232,295 |
| Of other kinds ..... | ..... | 5,045,255 |
| Total silk manufactures ..... | ..... | 8,276,550 |
| Skins and furs: | | |
| British ..... | ..... | 2,871,680 |
| Foreign, British dressed ..... number.. | 5,210,390 | 3,084,075 |

*Exports by articles, 1892*—continued.

| Articles. | Quantity. | Value |
|---|---|---|
| BRITISH AND IRISH PRODUCE—continued. | | |
| Soap ..... cwt.. | 540,799 | $2,93 |
| Spirits ..... gallons.. | 3,913,342 | 6,83 |
| Stationery, other than paper ..... | ..... | 4,32 |
| Stones and slates: | | |
| Slate, by tale ..... number.. | 48,702,700 | 1,32 |
| Grindstones, millstones, and other sorts of stones ..... tons.. | 34,533 | 80 |
| Sugar, refined ..... cwt.. | 902,327 | 3,42 |
| Telegraph wire and apparatus ..... | ..... | 4,54 |
| Umbrellas and parasols ..... | ..... | 2,97 |
| Wood and timber, manufactured: Staves and empty casks and unenumerated ..... | ..... | 1,82 |
| Wool: | | |
| Sheep and lambs ..... pounds.. | 17,928,100 | 3,40 |
| Flocks and rag wool ..... do.... | 14,238,800 | 1,72 |
| Noils ..... do.... | 11,112,200 | 3,18 |
| Waste ..... do.... | 3,427,200 | 60 |
| Combed or carded and tops ..... do.... | 9,574,300 | 3,13 |
| Woolen and worsted yarn ..... do.... | 44,820,200 | 20,29 |
| Woolen and worsted manufactures: | | |
| Woolen tissues— | | |
| Heavy broad— | | |
| All wool ..... yards.... | 9,240,400 | 10,67 |
| Mixed ..... do.... | 14,093,100 | 6,79 |
| Heavy narrow— | | |
| All wool ..... do.... | 1,176,700 | 93 |
| Mixed ..... do.... | 566,900 | 23 |
| Light broad— | | |
| All wool ..... do.... | 7,272,500 | 4,75 |
| Mixed ..... do.... | 8,820,900 | 2,72 |
| Light narrow— | | |
| All wool ..... do.... | 3,165,400 | 1,17 |
| Mixed ..... do.... | 6,853,500 | 1,27 |
| Worsted coatings— | | |
| Broad, all wool ..... do.... | 17,805,800 | 16,25 |
| Mixed ..... do.... | 4,245,100 | 2,86 |
| Worsted coatings— | | |
| Narrow, all wool ..... do.... | 3,035,300 | 2,52 |
| Mixed ..... do.... | 4,211,800 | 2,61 |
| Flannels ..... do.... | 9,596,300 | 1,69 |
| Blankets ..... pairs.. | 1,280,530 | 2,31 |
| Worsted— | | |
| Stuffs, etc., all wool ..... yards.. | 15,361,700 | 3,73 |
| Mixed ..... do.... | 97,390,500 | 16,90 |
| Carpets and druggets ..... do.... | 9,366,600 | 4,78 |
| Of all other sorts ..... | ..... | 7,27 |
| Total woolen and worsted manufactures ..... | ..... | 89,53 |
| Yarn, alapaca, and mohair, and other sorts unenumerated ..... pounds.. | 14,666,300 | 6,08 |
| All other articles ..... | ..... | 43,04 |
| Total British and Irish produce ..... | ..... | 1,135,38 |
| FOREIGN AND COLONIAL PRODUCE. | | |
| Bacon and hams ..... cwt.. | 335,944 | 2,81 |
| Bristles ..... pounds.. | 778,134 | 53 |
| Butter and margarine ..... cwt.. | 62,428 | 1,79 |
| Caoutchouc ..... do.... | 150,601 | 7,88 |
| Cheese ..... do.... | 60,196 | 94 |
| Chemical manufactures and products ..... | ..... | 1,08 |
| Cocoa ..... pounds.. | 8,969,740 | 1,49 |
| Coffee ..... cwt.. | 533,805 | 12,07 |
| Cordage, twine, and cable yarn ..... | ..... | 50 |
| Cork, manufactured ..... pounds.. | 1,891,155 | 46 |
| Corn: | | |
| Wheat ..... cwt.. | 802,543 | 1,53 |
| Other kinds of corn and grain ..... do.... | 374,531 | 56 |
| Wheat meal and flour ..... do.... | 209,285 | 59 |
| Cotton: | | |
| Raw ..... do.... | 2,079,499 | 22,67 |
| Waste of raw and yarn ..... pounds.. | 41,865,438 | 2,35 |
| Cotton manufactures: | | |
| Piece goods ..... yards.. | 19,160,544 | 1,44 |
| Other articles ..... | ..... | 58 |
| Drugs: | | |
| Bark, Peruvian ..... cwt.. | 112,322 | 1,01 |
| Opium ..... pounds.. | 449,390 | 1,03 |
| Unenumerated ..... | ..... | 2,10 |

*Exports by articles, 1892*—Continued.

| Articles. | Quantity. | Value. |
|---|---|---|
| FOREIGN AND COLONIAL PRODUCE—continued. | | |
| Dyeing or tanning stuffs: | | |
| Cochineal, granilla, and dust ..... cwt.. | 4,497 | $120,200 |
| Cutch and gambier ..... tons.. | 9,470 | 1,078,530 |
| Indigo ..... cwt.. | 49,701 | 4,941,175 |
| Farinaceous substances and manufactures thereof, unenumerated ..... | ..... | 1,063,380 |
| Feathers, ornamental ..... | 331,151 | 2,257,810 |
| Fish, cured or salted ..... cwt.. | 338,644 | 2,732,315 |
| Flax and hemp: | | |
| Flax, dressed and undressed ..... cwt.. | 48,862 | 435,640 |
| Tow, or codella of flax and hemp ..... do.... | 47,038 | 153,500 |
| Hemp and other like substances (except jute), dressed and undressed ..... cwt.. | 824,751 | 5,701,195 |
| Jute ..... tons.. | 87,116 | 6,442,620 |
| Fruit: | | |
| Almonds ..... cwt.. | 47,535 | 846,635 |
| Currants ..... do.... | 79,720 | 373,400 |
| Raisins ..... do.... | 91,673 | 553,950 |
| Oranges and lemons ..... bushels.. | 402,382 | 527,615 |
| Guano ..... tons.. | 1,930 | 60,000 |
| Gum of all sorts ..... cwt.. | 224,381 | 3,593,815 |
| Gutta-percha ..... do.... | 7,989 | 282,065 |
| Hair: | | |
| Cow, ox, bull, or elk ..... do.... | 34,118 | 409,430 |
| Other kinds, including horse's and goat's hair or wool ..... | ..... | 1,417,990 |
| Hides, raw, dry, and wet ..... cwt.. | 387,224 | 4,097,935 |
| Horns and hoofs ..... tons.. | 1,894 | 459,465 |
| Lard ..... cwt.. | 264,482 | 2,373,710 |
| Leather ..... pounds.. | 20,080,705 | 8,002,430 |
| Leather gloves ..... dozen pairs.. | 147,040 | 908,925 |
| Matches ..... | ..... | 827,225 |
| Meat: preserved, salted, or fresh, all kinds except bacon or hams ... cwt.. | 190,206 | 1,878,205 |
| Metals: | | |
| Copper, unwrought, part wrought and old copper ..... tons.. | 11,196 | 2,817,210 |
| Iron in bars ..... do.... | 46,477 | 1,914,320 |
| Iron and steel manufactures, unenumerated ..... do.... | 35,055 | 2,564,645 |
| Lead, pig or sheet ..... do.... | 15,613 | 890,760 |
| Quicksilver ..... pounds.. | 3,775,880 | 1,562,885 |
| Tin in blocks, ingots, bar or slabs ..... cwt.. | 327,283 | 7,665,500 |
| Milk, condensed ..... do.... | 106,518 | 1,114,000 |
| Nuts and kernels used for obtaining oil ..... tons.. | 85,498 | 2,105,555 |
| Oil: | | |
| Cocoanut ..... cwt.. | 40,852 | 256,810 |
| Olive ..... tons.. | 3,351 | 704,170 |
| Palm ..... cwt.. | 670,899 | 3,694,525 |
| Seed ..... tons.. | 3,984 | 411,405 |
| Pictures and drawings by hand, prints, engravings, and photographs .... | ..... | 976,700 |
| Precious stones, unset ..... | ..... | 1,474,520 |
| Rags and other materials used for making papers: | | |
| Linen and cotton rags ..... tons.. | 15,729 | 579,025 |
| Other materials ..... do.... | 23,040 | 1,044,925 |
| Rice ..... cwt.. | 3,240,128 | 7,693,525 |
| Saltpeter ..... cwt.. | 30,975 | 131,335 |
| Cubic nitter ..... do.... | 77,924 | 180,345 |
| Seeds: | | |
| Flax or linseed ..... quarters.. | 121,487 | 1,183,485 |
| Rape ..... do.... | 12,866 | 118,225 |
| Unenumerated, used for obtaining oil ..... do.... | 136,473 | 1,285,000 |
| Shells of all kinds ..... | ..... | 2,086,720 |
| Silk: | | |
| Knubs or husks of silk and waste ..... cwt.. | 7,397 | 418,455 |
| Raw ..... pounds.. | 164,150 | 438,845 |
| Thrown ..... do.... | 32,574 | 114,225 |
| Silk manufactures ..... | ..... | 3,651,580 |
| Skins and furs: | | |
| Goat, undressed ..... number.. | 10,552,991 | 4,865,950 |
| Seal ..... do.... | 36,320 | 306,625 |
| Sheep, undressed ..... do.... | 4,168,314 | 1,641,735 |
| Furs of all sorts ..... do.... | 31,180,431 | 5,207,015 |
| Spices: | | |
| Pepper ..... pounds.. | 20,417,731 | 1,533,735 |
| Other sorts ..... cwt.. | 102,626 | 1,336,025 |
| Spirits: | | |
| Rum ..... proof gallons.. | 1,100,356 | 942,735 |
| Brandy ..... do.... | 96,084 | 334,905 |
| Geneva and other foreign and colonial spirits ..... gallons.. | 365,410 | 1,016,005 |
| Straw plaiting for making hats or bonnets ..... pounds.. | 4,445,620 | 1,663,015 |
| Sugar: | | |
| Refined, and candy ..... cwt... | 200,716 | 855,065 |
| Unrefined ..... do.... | 227,115 | 848,225 |
| Molasses ..... do.... | 182,211 | 367,585 |

*Exports by articles, 1892.*—Continued.

| Articles. | Quantity. | Val |
|---|---|---|
| FOREIGN AND COLONIAL PRODUCE—continued. | | |
| Tallow and stearin ..... cwt.. | 507,960 | $3, |
| Tea ..... pounds.. | 87,652,701 | 8, |
| Teeth, elephant, sea cow, and sea horse ..... cwt.. | 7,019 | 1, |
| Tobacco: | | |
| Unmanufactured ..... pounds.. | 6,401,423 | |
| Manufactured (cigars) ..... do.... | 234,048 | |
| Other sorts, including snuff ..... do.... | 1,706,899 | |
| Wine ..... gallons.. | 1,198,413 | 2, |
| Wool, sheep, lamb, alpaca, and Llama ..... pounds.. | 430,828,903 | 84, |
| Woolen manufactures ..... | ..... | 6, |
| All other articles ..... | ..... | 30, |
| Total ..... | ..... | 322, |

*Value of total imports from and total exports to the various foreign countrie British Possessions.*

[Exports in this table include British and foreign and colonial produce.]

| Countries. | Imports. | Exports. | Countries. | Imports. | Exp |
|---|---|---|---|---|---|
| FOREIGN. | | | FOREIGN—continued. | | |
| Argentine Republic.. | $22,701,790 | $29,041,395 | Spain—Continued. | | |
| Austrian Territories. | 6,188,170 | 7,627,265 | West India Islands..... | $454,470 | $13, |
| Belgium..... | 85,069,835 | 64,066,525 | Philippine Islands | 10,654,575 | 3, |
| Brazil..... | 17,559,705 | 41,090,250 | Sweden and Norway . | 59,033,395 | 31, |
| Central America ..... | 5,446,275 | 4,326,615 | Tripoli and Tunis.... | 1,856,890 | |
| Chile..... | 19,356,995 | 20,146,690 | Turkey ..... | 27,758,095 | 33, |
| China (exclusive of Hongkong and Maçao) ..... | 17,916,240 | 29,182,985 | United States ..... | 540,931,585 | 207, |
| Denmark proper, and Iceland..... | 40,208,310 | 15,192,600 | Uruguay ..... | 1,441,535 | 6, |
| Danish West Indies.. | 5,340 | 397,935 | Venezuela..... | 1,283,695 | 1, |
| Ecuador..... | 640,160 | 1,349,930 | Western coast of Africa..... | 1,846,590 | 3, |
| Egypt..... | 52,626,150 | 16,581,820 | Other countries ..... | 3,756,830 | 4, |
| France ..... | 217,595,650 | 106,686,750 | Total foreign countries..... | 1,630,137,890 | 1,052, |
| Algeria ..... | 3,370,435 | 1,683,890 | BRITISH POSSESSIONS. | | |
| Possessions in Senegambia .... | 221,640 | 2,389,480 | Australasia ..... | 152,713,150 | 107, |
| Possessions in India ..... | ..... | 1,408,990 | British Honduras .... | 1,195,430 | |
| Germany..... | 128,638,690 | 148,209,070 | British India..... | 152,565,530 | 145, |
| Greece ..... | 9,134,920 | 4,954,425 | Cape of Good Hope and Natal ..... | 27,316,390 | 42, |
| Haiti and St. Domingo..... | 204,855 | 1,307,975 | Ceylon ..... | 19,726,045 | 4, |
| Holland ..... | 144,104,605 | 78,154,610 | Channel Islands ..... | 5,846,000 | 4, |
| Java, and other possessions in the Indian Seas. | 7,765,835 | 11,419,950 | Gibraltar..... | 187,820 | 3, |
| Italy ..... | 16,422,430 | 31,541,865 | Gold Coast..... | 6,451,770 | 3, |
| Japan ..... | 4,020,015 | 16,408,220 | Hongkong ..... | 4,183,525 | 9, |
| Mexico..... | 2,270,350 | 7,294,125 | Malta ..... | 518,135 | 4, |
| Morocco..... | 3,777,020 | 3,537,470 | Mauritius..... | 1,150,635 | 1, |
| New Granada (United States of Colombia). | 2,285,470 | 6,060,150 | North American Colonies..... | 72,832,320 | 42, |
| Persia..... | 1,219,920 | 1,501,450 | Straits Settlements .. | 24,341,445 | 11, |
| Peru ..... | 7,869,065 | 4,315,040 | West India Islands and Guiana ..... | 14,469,085 | 16, |
| Portugal ..... | 17,204,110 | 8,863,795 | Niger Protectorate.... | 1,341,240 | 3, |
| Azores and Madeira ..... | 674,895 | 805,955 | Aden..... | 1,124,200 | 1, |
| Roumania..... | 14,868,970 | 6,943,020 | West Africa Settlements ..... | 1,141,940 | 1, |
| Russia: | | | Other Possessions | 1,726,860 | 1, |
| Northern ports... | 48,686,865 | 38,355,510 | Total British Possessions .. | 488,831,520 | 406, |
| Southern ports... | 26,926,520 | 6,028,985 | | | |
| Siam ..... | 261,025 | 567,050 | | | |
| Spain ..... | 54,583,180 | 26,061,355 | Grand total .... | 2,118,969,410 | 1,458, |
| Canary Islands... | 1,282,050 | 2,277,105 | | | |
| Fernando Po..... | 16,950 | 53,980 | | | |

### TRADE WITH THE UNITED STATES.

The total imports from the United States in 1892 were valued at $540,931,585, compared with 1891 an increase of $18,886,335, while the exports were valued at $207,060,030, an increase over the preceding year of $1,729,295.

The principal articles of import were animals, valued at $37,600,000, an increase of $7,100,000; bacon and hams, valued at $40,000,000, an increase of $4,500,000; corn, valued at $153,000,000, an increase of $32,000,000; raw cotton of the value of $146,000,000, a decrease of $37,000,000.

The principal articles of British and Irish produce exported were cottons, valued at $13,000,000, an increase of $1,300,000; metals, valued at $24,500,000, a decrease of $7,500,000; woolens, valued at $18,000,000, an increase of $2,500,000; foreign and colonial hemp, $3,400,000, a decrease of $2,000,000; leather, valued at $3,400,000, an increase of $900,000; metals, valued at $10,600,000, an increase of $1,000,000; skins, valued at $7,000,000, an increase of $2,000,000.

*Imports for the United States, 1889–'90.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Animals, living: | | |
| Oxen and bulls ..... number.. | 892,679 | $37,351,665 |
| Sheep and lambs ..... do.... | 2,829 | 29,270 |
| Swine ..... do.... | 2,568 | 40,015 |
| Horses ..... do.... | 1,076 | 278,450 |
| Bacon and hams ..... cwt.. | 4,027,230 | 40,116,640 |
| Beef: | | |
| Fresh ..... do.... | 1,951,887 | 20,030,590 |
| Salted ..... do.... | 267,709 | 1,879,735 |
| Books ..... do.... | 5,851 | 243,340 |
| Butter ..... do.... | 46,846 | 955,725 |
| Butterine (margarine) ..... do.... | 230 | 2,495 |
| Caoutchouc ..... do.... | 19,011 | 818,470 |
| Manufactures of ..... pounds.. | 444,155 | 287,480 |
| Cheese ..... cwt.. | 818,433 | 9,907,035 |
| Clocks and parts thereof ..... | ..... | 415,720 |
| Coffee, raw ..... cwt.. | 92,491 | 2,199,830 |
| Copper: | | |
| Ore ..... tons.. | 1,953 | 170,880 |
| Regulus ..... do.... | 43,892 | 5,471,405 |
| Unwrought and part wrought ..... do.... | 2,900 | 704,450 |
| Corn: | | |
| Wheat ..... cwt.. | 33,886,742 | 66,256,375 |
| Barley ..... do.... | 1,196,678 | 2,375,905 |
| Oats ..... do.... | 2,569,667 | 4,284,010 |
| Peas ..... do.... | 834,664 | 1,475,940 |
| Maize or Indian corn ..... do.... | 17,037,365 | 23,176,340 |
| Wheat meal and flour ..... do.... | 19,467,391 | 53,422,790 |
| Oatmeal ..... do.... | 302,274 | 831,495 |
| Cotton: | | |
| Raw ..... cwt.. | 12,549,359 | 145,951,960 |
| Manufactures of ..... | ..... | 1,073,085 |
| Drugs, not otherwise enumerated ..... | ..... | 698,365 |
| Dyestuffs (extracts) ..... | ..... | 155,025 |
| Farinaceous substances, not otherwise enumerated ..... | ..... | 715,255 |
| Fish ..... cwt.. | 355,176 | 2,707,475 |
| Fruit, raw: | | |
| Apples ..... bushels.. | 1,750,443 | 2,611,165 |
| Unenumerated ..... do.... | 12,102 | 33,755 |
| Hair, not otherwise enumerated ..... | ..... | 196,055 |
| Hemp ..... cwt.. | 16,654 | 104,765 |
| Hides, raw ..... do.... | 21,753 | 230,395 |
| Hops ..... do.... | 80,289 | 2,204,075 |
| Iron and steel, manufactures of: | | |
| Sewing machines ..... | ..... | 680,915 |
| Unenumerated ..... cwt.. | 123,092 | 1,786,205 |
| Lard ..... do.... | 1,198,569 | 10,707,665 |
| Lead, pig or sheet ..... tons.. | 8,951 | 490,615 |
| Leather ..... pounds.. | 45,089,104 | 9,599,945 |
| Manures: | | |
| Phosphate of lime and rock ..... tons.. | 201,565 | 2,349,835 |
| Unenumerated ..... do.... | 144 | 1,715 |
| Meat, unenumerated: | | |
| Salted or fresh ..... cwt.. | 20,895 | 227,725 |
| Preserved otherwise than by salting ..... do.... | 435,127 | 4,737,570 |
| Methylic alcohol ..... gallons.. | 47,412 | 36,655 |
| Musical instruments ..... | ..... | 798,285 |
| Mutton, fresh ..... cwt.. | 72 | 695 |
| Oil: | | |
| Sperm ..... tuns.. | 265 | 62,735 |
| Train or blubber ..... do.... | 175 | 16,440 |

*Imports for the United States, 1889–'90*—Continued.

| Articles. | | Quantity. | Valu |
|---|---|---|---|
| Oil—Continued. | | | |
| Animal | cwt.. | 61,407 | $5 |
| Seed | tuns.. | 2,952 | 2 |
| Turpentine | cwt.. | 496,173 | 2,8 |
| Chemical, essential or perfumed | pounds.. | 90,101 | 1 |
| Oilseed cake | tons.. | 210,192 | 7,2 |
| Paraffin | cwt.. | 525,024 | 3,5 |
| Perfumery | pounds.. | 1,212,981 | 1 |
| Petroleum | gallons.. | 89,994,336 | 9,1 |
| Pork, salted | cwt.. | 162,220 | 1,1 |
| Rosin | do... | 1,646,919 | 1,8 |
| Seeds: | | | |
| Clover and grass | do... | 85,665 | 1,0 |
| Flax and linseed | quarters.. | 86,676 | 3 |
| Silver ore | | | 5 |
| Skins and furs of all sorts | | | 1,8 |
| Sugar: | | | |
| Refined and candy | cwt.. | 15,752 | |
| Unrefined | do... | 1,600 | |
| Molasses | do.... | 480,844 | 7 |
| Glucose | do.... | 841,516 | 2,5 |
| Tallow and stearin | do.... | 472,182 | 2,9 |
| Tar | barrels.. | 10,877 | |
| Tobacco: | | | |
| Unmanufactured | pounds.. | 52,471,468 | 8,5 |
| Manufactured | do.... | 2,822,328 | 4,9 |
| Vegetables, raw | | | 2 |
| Watches and parts thereof | | | 1 |
| Wax | cwt.. | 2,264 | |
| Wood and timber: | | | |
| Hewn | loads.. | 165,488 | 3,3 |
| Sawn or split | do.... | 407,854 | 5,6 |
| Staves | do.... | 22,761 | 7 |
| Furniture, woods, and hard woods | tons.. | 55,231 | 1,9 |
| House frames, fittings, and joiners' works | | | 9 |
| Wool, sheep and lambs | pounds.. | 463,344 | |
| All other articles | | | 15,0 |
| Total | | | 540,9 |

*Increase or decrease in quantity and value of imports for the United States.*

| Articles. | | Quantity. | | Value. | |
|---|---|---|---|---|---|
| | | Increase. | Decrease. | Increase. | Decr |
| Animals, living: | | | | | |
| Oxen and bulls | number.. | 73,451 | | $7,084,250 | |
| Sheep and lambs | do.... | | 7,708 | | $ |
| Swine | do.... | 2,568 | | 40,015 | |
| Horses | do.... | 486 | | 85,785 | |
| Bacon and hams | cwt.. | 235,735 | | 4,625,450 | |
| Beef: | | | | | |
| Fresh | do.... | 204,309 | | 2,303,910 | |
| Salted | do.... | 32,569 | | 205,645 | |
| Books | do.... | | 607 | | |
| Butter | do.... | | 16,847 | | 3 |
| Butterine (margarine) | do.... | | 600 | | |
| Caoutchouc | do.... | | 9,506 | | 9 |
| Choutchouc, manufactures of | pounds.. | 17,371 | | 31,130 | |
| Cheese | cwt.. | 43,540 | | 910,735 | |
| Clocks and parts thereof | | | | | |
| Coffee, raw | cwt.. | 46,899 | | 1,076,225 | |
| Copper: | | | | | |
| Ore | tons.. | | 3,032 | | 2 |
| Copper: | | | | | |
| Regulus | tons.. | 6,889 | | 240,230 | |
| Unwrought and partly wrought | do.... | | 3,969 | | 1,1 |
| Corn: | | | | | |
| Wheat | cwt.. | 9,691,787 | | 10,822,185 | |
| Barley | do.... | 347,227 | | 976,645 | |
| Oats | do.... | 1,665,595 | | 2,756,470 | |
| Pease | do.... | 209,538 | | 364,880 | |
| Maize | do.... | 9,896,741 | | 11,966,710 | |
| Wheatmeal and flour | do.... | 5,764,356 | | 12,284,815 | |
| Oatmeal | do.... | 171,422 | | 448,420 | |

*Increase and decrease in quantity and value of imports*—Continued.

| Articles. | Quantity. | | Value. | |
|---|---|---|---|---|
| | Increase. | Decrease. | Increase. | Decrease. |
| Cotton: | | | | |
| Raw ..... cwt.. | ..... | 1,892,969 | ..... | $36,941,980 |
| Manufactures ..... | ..... | ..... | ..... | 63,945 |
| Drugs not otherwise enumerated ..... | ..... | ..... | $10,135 | ..... |
| Dyestuffs, extracts ..... | ..... | ..... | ..... | 59,065 |
| Farinaceous substances ..... | ..... | ..... | 250,625 | ..... |
| Fish ..... cwt.. | ..... | 68,246 | ..... | 929,985 |
| Fruit, raw: | | | | |
| Apples ..... bushels.. | 365,093 | ..... | 392,900 | ..... |
| Unenumerated ..... do.... | 6,138 | ..... | 16,855 | ..... |
| Hair, not otherwise enumerated ..... | ..... | ..... | 10,350 | ..... |
| Hemp ..... cwt.. | ..... | 7,871 | ..... | 57,490 |
| Hides, raw ..... do.... | 6,395 | ..... | 9,910 | ..... |
| Hops ..... do.... | 603 | ..... | 73,735 | ..... |
| Iron and steel, manufactures of: | | | | |
| Sewing machines ..... | ..... | ..... | 283,040 | ..... |
| Unenumerated ..... cwt.. | ..... | 17,680 | ..... | 308,150 |
| Lard ..... do.... | 173,170 | ..... | 2,335,060 | ..... |
| Lead, pig or sheet ..... tons.. | ..... | 269 | ..... | 129,725 |
| Leather ..... pounds.. | ..... | 5,948,801 | ..... | 1,442,255 |
| Manures: | | | | |
| Phosphate of lime and rock ..... tons.. | 69,841 | ..... | 583,920 | ..... |
| Unenumerated ..... do.... | ..... | 1,581 | ..... | 17,170 |
| Meat: | | | | |
| Salted or fresh ..... cwt.. | 1,162 | ..... | 27,985 | ..... |
| Preserved otherwise than by salting ..... do.... | ..... | 12,694 | ..... | 89,500 |
| Methylic alcohol ..... gallons.. | 36,779 | ..... | 26,610 | ..... |
| Musical instruments ..... | ..... | ..... | ..... | 173,160 |
| Mutton, fresh ..... cwt.. | ..... | 10,502 | ..... | 121,170 |
| Oil: | | | | |
| Sperm ..... tons.. | ..... | 37 | ..... | 6,865 |
| Train or blubber ..... do.... | ..... | 2,596 | ..... | 257,140 |
| Animal ..... cwt.. | ..... | 9,712 | ..... | 110,520 |
| Seed ..... tons.. | ..... | 2,331 | ..... | 260,240 |
| Turpentine ..... cwt.. | 89,263 | ..... | 53,140 | ..... |
| Chemical, essential or perfumed ..... pounds.. | 36,154 | ..... | 52,070 | ..... |
| Oil-seed cake ..... tons.. | 36,018 | ..... | 1,239,120 | ..... |
| Paraffin ..... cwt.. | ..... | 18,086 | ..... | 348,595 |
| Perfumery ..... pounds.. | 432,929 | ..... | 35,750 | ..... |
| Petroleum ..... gallons.. | 7,958,715 | ..... | ..... | 31,770 |
| Pork, salted ..... cwt.. | ..... | 7,855 | 2,950 | ..... |
| Resin ..... do.... | 47,212 | ..... | ..... | 26,830 |
| Seeds: | | | | |
| Clover and grass ..... cwt.. | ..... | 20,653 | ..... | 196,485 |
| Flax or linseed ..... quarters.. | ..... | 71,842 | ..... | 661,560 |
| Silver ore ..... | ..... | ..... | ..... | 383,725 |
| Skins and furs of all sorts ..... | ..... | ..... | ..... | 596,020 |
| Sugar: | | | | |
| Refined and candy ..... cwt.. | ..... | 520,899 | ..... | 2,182,135 |
| Unrefined ..... do.... | ..... | 9,183 | ..... | 33,725 |
| Molasses ..... do.... | 80,806 | ..... | 39,480 | ..... |
| Glucose ..... do.... | 295,453 | ..... | 852,020 | ..... |
| Tallow and stearin ..... do.... | ..... | 17,903 | ..... | 120,560 |
| Tar ..... barrels.. | 912 | ..... | 2,120 | ..... |
| Tobacco: | | | | |
| Unmanufactured ..... pounds.. | 5,582,264 | ..... | 428,550 | ..... |
| Manufactured ..... do.... | 571,068 | ..... | 380,645 | ..... |
| Vegetables, raw ..... | ..... | ..... | ..... | 1,655 |
| Watches and parts thereof ..... | ..... | ..... | 46,130 | ..... |
| Wax ..... cwt.. | ..... | 2,119 | ..... | 32,055 |
| Wood and timber: | | | | |
| Hewn ..... loads.. | 16,461 | ..... | 129,690 | ..... |
| Sawn or split ..... do.... | 99,820 | ..... | 1,372,083 | ..... |
| Staves ..... do.... | 4,783 | ..... | 178,020 | ..... |
| Furniture woods and hard woods ..... do.... | 3,639 | ..... | 115,430 | ..... |
| House frames, fitting and joiners' work ..... | ..... | ..... | ..... | 50,355 |
| Wool, sheep or lamb's ..... pounds.. | ..... | 94,729 | ..... | 29,200 |
| All other articles ..... | ..... | ..... | 2,160,305 | ..... |
| Total ..... | ..... | ..... | 18,886,335 | ..... |

*Exports of British and Irish products to the United States, 1892.*

| Articles. | | Quantity. | Value |
|---|---|---|---|
| Alkali | cwt.. | 3,715,600 | $6,241 |
| Animals: | | | |
| Horses | number.. | 718 | 71 |
| All other sorts | | | 61 |
| Apparel and haberdashery | | | 1,29 |
| Arms, ammunition, and military stores | | | 29 |
| Bags and sacks, empty | dozens.. | 58,080 | 6 |
| Beer and ale | barrels.. | 44,562 | 1,01 |
| Bleaching materials | cwt.. | 925,200 | 1,91 |
| Books, printed | do... | 44,333 | 1,83 |
| Caoutchouc, manufactures of | | | 40 |
| Cement | tons.. | 190,273 | 1,76 |
| Chemicals, products and preparations (including dye-stuffs and sulphate of copper | | | 2,59 |
| Clay and manufactures of | | | 57 |
| Clocks, watches, and parts thereof | | | 11 |
| Coal, cinders, and fuel | tons.. | 227,483 | 75 |
| Coal, products of, etc., including naphtha, parafin, parafin oil, and petroleum | | | 83 |
| Cordage and twine | cwt.. | 6,796 | 8 |
| Cotton yarn | pounds.. | 1,302,700 | 54 |
| Cottons: | | | |
| Entered by the yard | yards.. | 60,780,500 | 7,14 |
| Entered at value | | | 5,90 |
| Earthen and china ware | | | 4,59 |
| Flax and hemp, dressed and undressed | cwt.. | 33,051 | 79 |
| Furniture, cabinet, and upholstery wares | | | 22 |
| Glass manufactures | | | 73 |
| Hardwares and cutlery, unenumerated | | | 1,26 |
| Hats, of all sorts | dozen.. | 23,270 | 22 |
| Hides, raw | cwt.. | 6,868 | 6 |
| Implements and tools | | | 21 |
| Instruments and apparatus, anatomical and scientific | | | 16 |
| Jute: | | 3,471,700 | 18 |
| Yarn | pounds.. | | |
| Manufactures, piece goods | yards.. | 140,930,100 | 6,47 |
| Leather, wrought and unwrought | | | 92 |
| Linen yarn | pounds.. | 532,900 | 8 |
| Linens: | | | |
| Entered by the yard | yards.. | 96,475,000 | 10,06 |
| Entered at value | | | 3,41 |
| Machinery and millwork | | | 3,98 |
| Manure | | | 22 |
| Medicines, drugs, and medicinal preparations | | | 21 |
| Metals: | | | |
| Iron, wrought and unwrought | tons.. | 396,986 | 23,67 |
| Copper, wrought and unwrought | cwt.. | 5,759 | 7 |
| Tin, unwrought | do.... | 3,899 | 9 |
| Unenumerated, and manufactures thereof | | | 56 |
| Oil and floor cloth | square yards.. | 1,098,200 | 30 |
| Painters' colors and materials | | | 78 |
| Paper of all sorts | cwt.. | 23,838 | 35 |
| Pickles, vinegar, sauces, etc | | | 1,06 |
| Prints, engravings, etc | | | 23 |
| Provisions (including meat) | | | 5 |
| Rags and other materials for making paper | tons.. | 49,224 | 1,83 |
| Salt | do.... | 90,322 | 54 |
| Seeds of all sorts | cwt.. | 14,250 | 12 |
| Silk, thrown, twist, or yarn | | | 70 |
| Silk manufactures | | | 2,12 |
| Skins and furs of all sorts | | | 4,03 |
| Soap | cwt.. | 14,316 | 28 |
| Stationery, other than paper | | | 37 |
| Stones and slates | | | 37 |
| Sugar, refined and candy | cwt.. | 111,699 | 42 |
| Telegraph wires and apparatus | | | 7 |
| Wool, sheep and lambs, raw or undressed | pounds.. | 9,058,700 | 1,36 |
| Wool, noils, waste, and carded or combed and tops | do.... | 171,000 | 3 |
| Woolen and worsted yarn | do.... | 228,600 | 13 |
| Yarn, alpaca, mohair, and other sorts | do.... | 122,200 | 8 |
| Woolens and worsteds: | | | |
| Entered by the yard | | 43,375,300 | 17,58 |
| Entered at value | | | 82 |
| All other articles | | | 7,08 |
| Total | | | 132,78 |

*Increase or decrease in quantity and value of British and Irish exports.*

| Articles. | Quantity. | | Value. | |
|---|---|---|---|---|
| | Increase. | Decrease. | Increase. | Decrease. |
| Alkali ..... cwt. | 1,600 | ..... | ..... | $244,845 |
| Animals: | | | | |
| Horses ..... number. | 176 | ..... | $440,880 | ..... |
| All other sorts ..... | ..... | ..... | ..... | 33,115 |
| Apparel and haberdashery ..... | ..... | ..... | ..... | 214,240 |
| Arms, ammunition, and military stores ..... | ..... | ..... | 7,060 | ..... |
| Bags and sacks, empty ..... dozens. | ..... | 19,710 | ..... | 23,975 |
| Beer and ale ..... barrels. | 104 | ..... | 51,325 | ..... |
| Bleaching materials ..... cwt. | ..... | 52,600 | 228,580 | ..... |
| Books, printed ..... do. | ..... | 2,243 | ..... | 167,545 |
| Caoutchouc, manufactures of ..... | ..... | ..... | 65,585 | ..... |
| Cement ..... tons. | ..... | 21,089 | ..... | 339,835 |
| Chemical products and preparations unenumerated (including dyestuffs and sulphate of copper). | ..... | ..... | 117,695 | ..... |
| Clay and manufactures of ..... | ..... | ..... | 14,505 | ..... |
| Clocks, watches, and parts thereof ..... | ..... | ..... | ..... | 57,165 |
| Coal, cinders, and fuel ..... tons. | ..... | 111,934 | ..... | 419,320 |
| Coal, products of (including naphtha, paraffin, paraffin oil, and petroleum) ..... | ..... | ..... | ..... | 149,535 |
| Cordage and twine ..... cwt. | 3,294 | ..... | 38,835 | ..... |
| Cotton yarn ..... pounds. | 75,600 | ..... | 19,555 | ..... |
| Cottons: | | | | |
| Entered by the yard ..... yards. | 5,993,900 | ..... | 632,035 | ..... |
| Entered at value ..... | ..... | ..... | 604,440 | ..... |
| Earthen and china ware ..... | ..... | ..... | 81,745 | ..... |
| Flax and hemp, dressed and undressed ..... cwt. | 1,191 | ..... | ..... | 16,330 |
| Furniture, cabinet, and upholstery wares ..... | ..... | ..... | ..... | 23,745 |
| Glass manufactures ..... | ..... | ..... | ..... | 170,275 |
| Hardware and cutlery ..... | ..... | ..... | 50,165 | ..... |
| Hats of all sorts ..... dozens. | ..... | 6,090 | ..... | 13,725 |
| Hides, raw ..... cwt. | 3,392 | ..... | 25,080 | ..... |
| Implements and tools ..... | ..... | ..... | 2,145 | ..... |
| Instruments and apparatus, surgical, scientific, etc. | ..... | ..... | ..... | 18,835 |
| Jute: | | | | |
| Yarn ..... pounds. | 26,700 | ..... | 14,955 | ..... |
| Manufactures of, piece goods ..... yards. | ..... | 31,730,300 | ..... | 618,390 |
| Leather, wrought and unwrought ..... | ..... | ..... | 26,690 | ..... |
| Linen yarn ..... pounds. | 157,700 | ..... | 15,885 | ..... |
| Linens: | | | | |
| Entered by the yard ..... yards. | 15,871,100 | ..... | 1,463,470 | ..... |
| Entered at value ..... | ..... | ..... | 10,625 | ..... |
| Machinery and millwork ..... | ..... | ..... | ..... | 912,495 |
| Manure ..... | ..... | ..... | ..... | 382,450 |
| Medicines, drugs, and medicinal preparations ..... | ..... | ..... | 28,170 | ..... |
| Metals: | | | | |
| Iron, wrought and unwrought ..... tons. | ..... | 53,019 | ..... | 7,312,560 |
| Copper, wrought and unwrought ..... cwt. | ..... | 1,848 | ..... | 45,040 |
| Tin, unwrought ..... do. | 159 | ..... | 4,815 | ..... |
| Unenumerated, and manufactures of ..... | ..... | ..... | ..... | 32,470 |
| Oil and floor cloth ..... square yards | ..... | 105,300 | ..... | 18,260 |
| Painters' colors and materials ..... | ..... | ..... | ..... | 20,020 |
| Paper of all sorts ..... cwt. | 214 | ..... | ..... | 16,585 |
| Pickles, vinegar, sauces, etc ..... | ..... | ..... | ..... | 115,895 |
| Prints, engravings, etc ..... | ..... | ..... | 27,780 | ..... |
| Provisions, including meat ..... | ..... | ..... | 17,405 | ..... |
| Rags and other materials for making paper ... tons. | 7,927 | ..... | 261,855 | ..... |
| Salt ..... do. | ..... | 6,020 | 675 | ..... |
| Seeds of all sorts ..... cwt. | 5,156 | ..... | 49,640 | ..... |
| Silk, thrown twist, or yarn ..... | ..... | ..... | ..... | 837,695 |
| Silk manufactures ..... | ..... | ..... | 86,050 | ..... |
| Skins and furs of all sorts ..... | ..... | ..... | ..... | 961,520 |
| Soap ..... cwt. | 3,688 | ..... | 27,970 | ..... |
| Stationery, other than paper ..... | ..... | ..... | ..... | 18,465 |
| Stones and slates ..... | ..... | ..... | ..... | 23,700 |
| Sugar, refined and candy ..... cwt. | 57,505 | ..... | 242,485 | ..... |
| Telegraph wire and apparatus ..... | ..... | ..... | 56,655 | ..... |
| Wool, sheep and lambs, raw and undressed .. pounds | 451,800 | ..... | ..... | 93,975 |
| Wool, noils, waste, and carded or combed, and tops, pounds ..... | 56,500 | ..... | 10,610 | ..... |
| Woolen and worsted yarns ..... pounds. | ..... | 79,000 | ..... | 50,935 |
| Yarn, alpaca, mohair, and other sorts ..... do. | 7,100 | ..... | ..... | 935 |
| Woolens and worsteds: | | | | |
| Entered by the yard ..... yards. | 5,838,300 | ..... | 2,730,885 | ..... |
| Entered at value ..... | ..... | ..... | ..... | 162,045 |
| All other articles ..... | ..... | ..... | 1,117,465 | ..... |
| Total decrease ..... | ..... | ..... | ..... | 4,986,595 |

*Exports of foreign and colonial products to the United States.*

| Articles. | Quantity. | Valu |
|---|---|---|
| Animals, horses ..... number.. | 72 | $3 |
| Art, works of (including pictures) ..... | | 15 |
| Bristles ..... pounds.. | 335,665 | 27 |
| Caoutchouc ..... cwt.. | 66,308 | 3,16 |
| Cheese ..... do.... | 4,124 | 5 |
| Chemical products and manufactures, unenumerated ..... | | 27 |
| China and earthenware ..... cwt.. | 2,738 | 3 |
| Cocoa ..... pounds.. | 1,282,687 | 28 |
| Coffee ..... cwt.. | 27,420 | 54 |
| Cotton: | | |
| Raw ..... do.... | 182,009 | 2,53 |
| Manufactures of ..... | | 26 |
| Drugs: | | |
| Bark, Peruvian ..... cwt.. | 24,663 | 25 |
| Opium ..... pounds.. | 168,792 | 35 |
| Unenumerated ..... | | 84 |
| Dyeing or tanning stuffs: | | |
| Cutch and gambier ..... tons.. | 5,433 | 56 |
| Indigo ..... cwt.. | 17,024 | 1,60 |
| Unenumerated ..... do.... | 21,186 | 16 |
| Farinaceous substances ..... | | 17 |
| Feathers: | | |
| For beds ..... cwt.. | 5,655 | 13 |
| Ornamental ..... pounds.. | 69,827 | 47 |
| Fish, cured or salted ..... cwt.. | 101,458 | 57 |
| Flax, dressed and undressed, and tow or codilla of flax ..... do.... | 73,290 | 41 |
| Flowers, artificial ..... | | 15 |
| Fruits and nuts: | | |
| Almonds ..... cwt.. | 25,765 | 51 |
| Currants ..... do.... | 9,111 | 4 |
| Figs figand cakes ..... do.... | 11,635 | 7 |
| Grapes, raw ..... bushels.. | 26,602 | 7 |
| Nuts used as fruit ..... | | 18 |
| Oranges and lemons ..... bushels.. | 50,070 | 6 |
| Raisins ..... cwt.. | 26,578 | 16 |
| Raw, unenumerated ..... bushels.. | 21 | |
| Dried, unenumerated ..... cwt.. | 102,510 | 36 |
| Glass of all kinds ..... cwt.. | 2,171 | 3 |
| Gum: | | |
| Lac, seed, shell, stick, and dye ..... do.... | 37,154 | 69 |
| All other sorts ..... do.... | 33,365 | 62 |
| Hair: | | |
| Goats' hair or wool ..... pounds. | 1,678,376 | 40 |
| All other sorts ..... | | 1,19 |
| Hemp, dressed and undressed, and tow or codilla of hemp ..... cwt.. | 495,426 | 3,48 |
| Hides, raw ..... do.... | 101,353 | 1,15 |
| Hops ..... do.... | 2,583 | 8 |
| Ivory, teeth, elephants', sea cow, etc ..... do.... | 2,354 | 68 |
| Jute ..... tons.. | 1,250 | 9 |
| Lace ..... | | 8 |
| Leather, dressed and undressed ..... pounds.. | 7,810,479 | 3,45 |
| Linen manufactures ..... | | 6 |
| Metals: | | |
| Iron bars, etc ..... tons.. | 26,661 | 1,09 |
| Steel, unwrought ..... do.... | 1,672 | 6 |
| Iron and steel manufactures, unenumerated ..... cwt.. | 130,370 | 38 |
| Lead, pig or sheet ..... tons.. | 511 | 2 |
| Tin, in blocks, ingots, bars, or slabs ..... cwt.. | 256,469 | 6,01 |
| Unenumerated, unwrought ..... tons.. | 148 | 23 |
| Oil, olive ..... do.... | 549 | 12 |
| Onions ..... bushels.. | 50,615 | 4 |
| Precious stones, unset ..... | | 1,39 |
| Quicksilver ..... pounds.. | 283,125 | 12 |
| Rags, and other materials for making paper ..... tons.. | 36,789 | 1,53 |
| Rice ..... cwt.. | 145,965 | 37 |
| Seeds: | | |
| Flax and linseed ..... quarters.. | 2,127 | 2 |
| Unenumerated, for expressing oil therefrom ..... do.... | 8,307 | 7 |
| Unenumerated, not for oil ..... cwt.. | 57,217 | 23 |
| Shells ..... | | 87 |
| Silk: | | |
| Knubs or husks of silk and waste ..... cwt.. | 3,398 | 20 |
| Raw ..... pounds.. | 9,891 | 2 |
| Manufactures ..... | | 38 |
| Skins: | | |
| Goat, undressed ..... number.. | 9,322,122 | 4,30 |
| Sheep, undressed ..... do.... | 2,519,471 | 82 |
| Skins and furs of all other sorts ..... do.... | 18,976,687 | 1,89 |
| Spices of all sorts ..... pounds.. | 11,214,474 | 1,03 |
| Spirits, not sweetened, of all sorts ..... proof galls.. | 56,122 | 8 |
| Sponge ..... pounds.. | 64,499 | 9 |
| Straw plaiting for making hats and bonnets ..... do.... | 1,084,712 | 80 |

*Exports of foreign and colonial products to the United States*—Continued.

| Articles. | Quantity. | Value. |
|---|---|---|
| Sugar, unrefined ..... cwt.. | 29,294 | $104,290 |
| Tea ..... pounds.. | 3,342,701 | 808,150 |
| Tobacco, unmanufactured ..... do.... | 366,527 | 71,605 |
| Toys ..... | ..... | 45,450 |
| Vegetables, unenumerated ..... | ..... | 140,785 |
| Wine ..... gallons.. | 39,082 | 172,775 |
| Wood, furniture veneers and hardwoods ..... tons.. | 4,732 | 310,350 |
| Wool: | | |
| Sheep or lambs ..... pounds.. | 90,347,798 | 14,191,855 |
| Other kinds and flocks ..... do.... | 878,680 | 147,690 |
| Woolen manufacturers ..... | ..... | 3,843,265 |
| All other articles ..... | ..... | 5,520,555 |
| Total foreign products ..... | ..... | 74,323,860 |
| Total of British and foreign exports ..... | ..... | 207,060,030 |

*Increase or decrease of foreign and colonial exports to the United States.*

| Articles. | Quantity. | | Value. | |
|---|---|---|---|---|
| | Increase. | Decrease. | Increase. | Decrease. |
| Animals, horses ..... number.. | ..... | 15 | ..... | $26,475 |
| Art, works of (including pictures) ..... | ..... | ..... | $105,180 | ..... |
| Bristles ..... pounds.. | 81,176 | ..... | 51,650 | ..... |
| Caoutchouc ..... cwt.. | ..... | 4,095 | ..... | 585,040 |
| Cheese ..... do.... | ..... | 3,051 | ..... | 35,860 |
| Chemical manufactures and products ..... | ..... | ..... | 156,580 | ..... |
| China and earthenware ..... cwt.. | ..... | 3,141 | ..... | 28,400 |
| Cocoa ..... pounds.. | ..... | 310,806 | ..... | 83,515 |
| Coffee ..... cwt.. | 14,977 | ..... | 249,335 | ..... |
| Cotton: | | | | |
| Raw ..... do.... | 61,568 | ..... | 550,620 | ..... |
| Manufactures of ..... | ..... | ..... | 144,040 | ..... |
| Drugs: | | | | |
| Bark, Peruvian ..... cwt.. | 2,296 | ..... | 17,905 | ..... |
| Opium ..... pounds.. | 79,123 | ..... | 142,700 | ..... |
| Unenumerated ..... | ..... | ..... | 85,980 | ..... |
| Dyeing or tanning stuffs: | | | | |
| Cutch and gambier ..... tons.. | 1,481 | ..... | 103,545 | ..... |
| Indigo ..... cwt.. | 11,754 | ..... | 1,122,890 | ..... |
| Unenumerated ..... do.... | ..... | 6,543 | ..... | 217,435 |
| Farinaceous substances ..... | ..... | ..... | 31,925 | ..... |
| Feathers for beds ..... cwt.. | 90 | ..... | 3,990 | ..... |
| Feathers, ornamental ..... pounds.. | 15,108 | ..... | 5,280 | ..... |
| Fish, cured or salted ..... cwt.. | 16,668 | ..... | 149,805 | ..... |
| Flax, dressed and undressed, and tow or codilla or flax ..... cwt.. | ..... | 35,682 | ..... | 349,420 |
| Flowers, artificial ..... | ..... | ..... | 9,610 | ..... |
| Fruit: | | | | |
| Almonds ..... cwt.. | 8,208 | ..... | 211,530 | ..... |
| Currants ..... do.... | 7,083 | ..... | 29,910 | ..... |
| Figs and fig cake ..... do.... | ..... | 9,081 | ..... | 95,550 |
| Grapes, raw ..... bushels.. | 26,602 | ..... | 74,195 | ..... |
| Nuts, used as fruit ..... | ..... | ..... | 47,520 | ..... |
| Oranges and lemons ..... bushels.. | ..... | 24,980 | ..... | 63,590 |
| Raisins ..... cwt.. | 17,513 | ..... | 93,330 | ..... |
| Raw, unenumerated ..... bushels.. | ..... | 43,632 | ..... | 110,700 |
| Dried, unenumerated ..... cwt.. | ..... | 41,859 | ..... | 165,880 |
| Glass of all kinds ..... do.... | ..... | 622 | ..... | 3,015 |
| Gum: | | | | |
| Lac, seed shell, stick, and dye ..... do.... | ..... | 8,904 | ..... | 31,760 |
| All other sorts ..... do.... | 8,318 | ..... | 159,280 | ..... |
| Hair: | | | | |
| Goat's hair and wool ..... pounds.. | ..... | 422,224 | ..... | 171,030 |
| All other sorts ..... | ..... | ..... | ..... | 111,655 |
| Hemp, dressed and undressed, and tow ..... cwt.. | ..... | 180,628 | ..... | 2,172,250 |
| Hides, raw ..... do.... | 41,778 | ..... | 366,145 | ..... |
| Hops ..... do.... | 1,312 | ..... | 47,925 | ..... |
| Ivory, teeth, elephants', sea cow, etc ..... do.... | 648 | ..... | 164,330 | ..... |
| Jute ..... tons.. | 8 | ..... | 13,420 | ..... |
| Lace ..... | ..... | ..... | 23,200 | ..... |
| Leather, dressed and undressed ..... pounds.. | 2,430,406 | ..... | 901,875 | ..... |
| Linen manufactures ..... | ..... | ..... | 40,760 | ..... |
| Metals: | | | | |
| Iron, bars, etc ..... tons.. | ..... | 8,104 | ..... | 235,450 |
| Steel, unwrought ..... do.... | ..... | 834 | ..... | 57,340 |

*Increase or decrease in quantity and value of foreign and colonial exports*—Contin

| Articles. | Quantity. | | Value. | |
|---|---|---|---|---|
| | Increase. | Decrease. | Increase. | Incre |
| Iron and steel manufactures.....cwt.. | 93,602 | | $190,220 | |
| Lead, pig and sheets.....tons.. | | 227 | | $1 |
| Tin in blocks, ingots, bars, and slabs.....cwt.. | 50,958 | | 1,311,875 | |
| Unenumerated, unwrought.....tons.. | | 74 | 31,345 | |
| Oil, olive.....tuns.. | 46 | | 22,695 | |
| Onions.....bushels.. | | 144,950 | | $12 |
| Precious stones, unset.....| | | 720,590 | |
| Quicksilver.....pounds.. | 61,726 | | 17,900 | |
| Rags and other materials for making paper...tons.. | | 2,098 | | |
| Rice.....cwt.. | | 64,393 | | 15 |
| Seeds: | | | | |
| Flaxseed or linseed.....quarters.. | | 10,733 | | 11 |
| Unenumerated for expressing oil.....do.... | | 8,398 | | 9 |
| Unenumerated not for oil.....cwt.. | 20,960 | | 130,815 | |
| Shells.....| | | 446,300 | |
| Silk: | | | | |
| Knubs, husks of silk, and waste.....cwt.. | | 1,005 | | 5 |
| Raw.....pounds.. | | 4,007 | | 2 |
| Manufactures.....| | | 222,685 | |
| Skins: | | | | |
| Goat, undressed.....number.. | 2,557,089 | | 1,220,720 | |
| Sheep.....do.... | 824,495 | | 216,410 | |
| Skins and furs of all sorts.....do.... | 7,814,617 | | 675,525 | |
| Spices of all sorts.....pounds.. | 1,039,900 | | | 11 |
| Spirits, not sweetened, of all sorts....proof gallons.. | 10,500 | | 10,095 | |
| Sponge.....pounds.. | | 25,791 | 4,955 | |
| Straw-plaiting for making hats.....do.... | 223,553 | | 104,560 | |
| Sugar, unrefined.....cwt.. | 6,986 | | 22,105 | |
| Tea.....pounds.. | 767,368 | | 178,425 | |
| Tobacco, unmanufactured.....do.... | 135,396 | | 10,325 | |
| Toys.....| | | | |
| Vegetables, unenumerated.....| | | 53,170 | |
| Wine.....gallons.. | 3,992 | | 51,530 | |
| Wood: Furniture, veneers, and hard woods...tons.. | 2,309 | | 161,440 | |
| Wool: | | | | |
| Sheep and lambs.....pounds.. | 10,113,644 | | | 15 |
| Other kinds and flocks.....do.... | 31,412 | | 17,405 | |
| Woolen manufactures.....| | | 498,430 | |
| All other articles.....| | | 813,805 | |
| Total.....| | | 6,715,890 | |
| Grand total increase.....| | | 1,729,295 | |

SHIPPING.

The total number of British and foreign steam and sailing vessels with car and in ballast from foreign countries and British possessions that entered at p in the United Kingdom in 1892, was 61,647, of 37,672,904 tons, being an increa 267 vessels and 813,889 tons.

The total number of vessels cleared from ports in the United Kingdom for for countries and British possessions with cargoes and in ballast was 61,881, of 38,194 a decrease of 321 vessels, but an increase of 240,646 tons.

The number of sailing vessels employed in the home and foreign trades, carr the British flag, in 1892, was 10,793, of 2,965,326 tons, manned by 80,789 perso decrease of 321 vessels, an increase of 117,825 tons, and a decrease of 400 per employed as compared with the preceding year. The number of steam vessels 6,227, of 5,484,186 tons, manned by 160,946 persons, an increase of 98 vessels, 16 tons, and 1,655 persons compared with 1891.

The total number of vessels built for foreigners in 1892 was 131, of 108,757 being a decrease of 97 vessels and 30,137 tons when compared with those built i preceding year.

The total number of vessels belonging to the United Kingdom totally lost (e sive of vessels of the Royal navy) in 1891 was 587, of 217,422 tons, of which 448 sels, of 104,991 tons, were sailing vessels and 139, of 112,431 tons, were steam ves The total number of passengers lost was 584 and seamen 1,342. Compared the previous year these figures show an increase of 59 vessels, of 10,688 tons passengers, but a decrease of 30 seamen lost.

*Total number and tonnage of sailing vessels of each nationality, including their repeated voyages that entered and cleared with cargoes and in ballast from and to foreign countries and British Possessions at ports in the United Kingdom.*

ENTERED.

| Flag. | 1891. | | 1892. | | Increase. | | Decrease. | |
|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| Austrian | 53 | 32,498 | 39 | 27,550 | ..... | ..... | 14 | 4,948 |
| Belgian | 9 | 1,065 | 2 | 245 | ..... | ..... | 7 | 820 |
| British | 5,489 | 2,210,094 | 5,397 | 2,137,578 | ..... | ..... | 92 | 72,516 |
| Danish | 1,654 | 248,209 | 1,699 | 260,287 | 45 | 17,079 | ..... | ..... |
| Dutch | 505 | 87,572 | 445 | 92,073 | ..... | 4,501 | 60 | ..... |
| French | 1,526 | 178,776 | 1,385 | 174,421 | ..... | ..... | 141 | 4,355 |
| German | 1,664 | 471,386 | 1,627 | 457,168 | ..... | ..... | 37 | 14,218 |
| Italian | 235 | 153,806 | 202 | 134,947 | ..... | ..... | 33 | 18,859 |
| Norwegian | 4,570 | 1,729,754 | 4,803 | 1,895,170 | 232 | 165,416 | ..... | ..... |
| Russian | 539 | 170,429 | 622 | 217,697 | 83 | 47,268 | ..... | ..... |
| Spanish | 50 | 17,252 | 54 | 19,653 | 4 | 2,401 | ..... | ..... |
| Swedish | 1,248 | 347,213 | 1,240 | 356,991 | ..... | 9,778 | 8 | ..... |
| United States | 69 | 89,410 | 39 | 47,538 | ..... | ..... | 30 | 41,872 |
| Other foreign countries | 27 | 13,406 | 18 | 9,500 | ..... | ..... | 9 | 3,906 |
| Total | 17,639 | 5,745,870 | 17,572 | 5,830,819 | ..... | 84,949 | 67 | ..... |

CLEARED.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Austrian | 52 | 33,405 | 40 | 26,704 | ..... | ..... | 12 | 6,701 |
| Belgian | 4 | 2,045 | 3 | 654 | ..... | ..... | 1 | 1,391 |
| British | 5,155 | 2,375,943 | 5,194 | 2,377,452 | 39 | 1,509 | ..... | ..... |
| Danish | 1,847 | 272,048 | 1,817 | 284,995 | ..... | 12,947 | 30 | ..... |
| Dutch | 505 | 84,445 | 441 | 92,010 | ..... | 7,555 | 64 | ..... |
| French | 1,311 | 167,316 | 1,289 | 168,616 | ..... | 1,300 | 22 | ..... |
| German | 1,715 | 500,602 | 1,657 | 485,744 | ..... | ..... | 58 | 14,858 |
| Italian | 238 | 154,763 | 198 | 132,665 | ..... | ..... | 40 | 22,098 |
| Norwegian | 4,849 | 1,855,925 | 4,928 | 1,915,447 | 79 | 59,522 | ..... | ..... |
| Russian | 556 | 175,861 | 616 | 215,045 | 60 | 39,184 | ..... | ..... |
| Spanish | 55 | 18,993 | 58 | 20,475 | 3 | 1,482 | ..... | ..... |
| Swedish | 1,298 | 354,352 | 1,243 | 356,646 | ..... | 2,294 | 55 | ..... |
| United States | 67 | 92,127 | 47 | 50,019 | ..... | ..... | 20 | 42,108 |
| Other foreign countries | 30 | 13,841 | 30 | 22,883 | ..... | 9,042 | ..... | ..... |
| Total | 17,683 | 6,101,666 | 17,561 | 6,149,355 | ..... | 47,689 | 121 | ..... |

*Total number and tonnage of steam vessels of each nationality, including their repeated voyages, that entered and cleared, with cargoes and in ballast, from and to foreign countries and British Possessions at ports in the United Kingdom.*

ENTERED.

| Flag. | 1891. | | 1892. | | Increase. | | Decrease. | |
|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| Austrian | 37 | 32,383 | 54 | 49,325 | 17 | 16,942 | ..... | ..... |
| Belgian | 1,280 | 478,038 | 1,315 | 478,680 | 32 | 642 | ..... | ..... |
| British | 31,874 | 24,427,093 | 31,568 | 24,902,578 | ..... | 475,485 | 306 | ..... |
| Danish | 1,331 | 675,010 | 1,358 | 696,007 | 27 | 20,997 | ..... | ..... |
| Dutch | 1,185 | 870,493 | 1,338 | 957,876 | 153 | 87,383 | ..... | ..... |
| French | 1,903 | 749,321 | 2,153 | 794,464 | 253 | 45,143 | ..... | ..... |
| German | 2,775 | 1,679,784 | 2,610 | 1,549,674 | ..... | ..... | 165 | 130,110 |
| Italian | 54 | 83,339 | 104 | 158,326 | 50 | 74,887 | ..... | ..... |
| Norwegian | 1,501 | 721,358 | 1,585 | 770,524 | 84 | 49,166 | ..... | ..... |
| Russian | 109 | 69,218 | 144 | 92,310 | 35 | 23,092 | ..... | ..... |
| Spanish | 580 | 593,826 | 557 | 551,191 | ..... | ..... | 23 | 42,625 |
| Swedish | 961 | 522,303 | 1,125 | 603,310 | 164 | 81,007 | ..... | ..... |
| United States | 30 | 67,435 | 27 | 73,272 | ..... | 5,837 | 3 | ..... |
| Other foreign countries | 116 | 143,544 | 132 | 164,648 | 16 | 21,104 | ..... | ..... |
| Total | 43,741 | 31,113,145 | 44,075 | 31,342,085 | 334 | 728,940 | ..... | ..... |

*Total number and tonnage of steam vessels of each nationality, etc.*—Continued.

CLEARED.

| Flag. | 1891. | | 1892. | | Increase. | | Decrease. | |
|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| Austrian | 43 | 35,655 | 73 | 71,440 | 30 | 35,785 | ..... | ..... |
| Belgian | 1,274 | 471,115 | 1,297 | 473,040 | 23 | 1,925 | ..... | ..... |
| British | 32,458 | 24,944,305 | 31,733 | 24,955,122 | ..... | 10,817 | 725 | ..... |
| Danish | 1,361 | 699,604 | 1,374 | 709,345 | 13 | 9,741 | ..... | ..... |
| Dutch | 1,180 | 901,344 | 1,343 | 1,002,144 | 163 | 100,800 | ..... | ..... |
| French | 1,893 | 755,687 | 2,160 | 801,397 | 267 | 45,710 | ..... | ..... |
| German | 2,832 | 1,748,702 | 2,572 | 1,552,559 | ..... | ..... | 260 | 196,143 |
| Italian | 57 | 84,814 | 112 | 165,069 | 55 | 80,255 | ..... | ..... |
| Norwegian | 1,507 | 738,501 | 1,582 | 769,723 | 75 | 31,221 | ..... | ..... |
| Russian | 134 | 88,280 | 153 | 101,913 | 19 | 13,633 | ..... | ..... |
| Spanish | 593 | 603,252 | 570 | 371,680 | ..... | ..... | 23 | 31,572 |
| Swedish | 983 | 538,837 | 1,155 | 618,590 | 172 | 79,753 | ..... | ..... |
| United States | 25 | 57,072 | 22 | 51,680 | ..... | ..... | 3 | 5,392 |
| Other foreign countries | 180 | 184,771 | 174 | 201,194 | ..... | 16,423 | 6 | ..... |
| Total | 44,520 | 31,851,939 | 44,320 | 32,044,896 | ..... | 192,857 | 200 | ..... |

*Total number and tonnage of sailing and steam vessels of each nationality, including their repeated voyages, that entered and cleared with cargoes and in ballast from and to foreign countries and British possessions at ports in the United Kingdom.*

ENTERED.

| Flag. | 1891. | | 1892. | | Increase. | | Decrease. | |
|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| Austrian | 90 | 64,881 | 93 | 76,875 | 3 | 11,994 | ..... | ..... |
| Belgian | 1,292 | 479,103 | 1,317 | 478,925 | 25 | ..... | ..... | 178 |
| British | 37,363 | 26,637,187 | 36,965 | 27,040,156 | ..... | 402,969 | 398 | ..... |
| Danish | 2,985 | 918,219 | 3,057 | 956,295 | 72 | 38,076 | ..... | ..... |
| Dutch | 1,690 | 958,065 | 1,783 | 1,049,949 | 93 | 91,884 | ..... | ..... |
| French | 3,431 | 928,097 | 3,543 | 968,885 | 112 | 40,788 | ..... | ..... |
| German | 4,439 | 2,150,170 | 4,237 | 2,006,842 | ..... | ..... | 202 | 143,328 |
| Italian | 289 | 237,145 | 306 | 292,173 | 17 | 55,028 | ..... | ..... |
| Norwegian | 6,072 | 2,450,112 | 6,388 | 2,665,694 | 316 | 215,582 | ..... | ..... |
| Russian | 648 | 239,647 | 766 | 310,007 | 118 | 70,360 | ..... | ..... |
| Spanish | 630 | 611,078 | 611 | 570,844 | ..... | ..... | 19 | 40,234 |
| Swedish | 2,209 | 869,516 | 2,365 | 960,301 | 156 | 90,785 | ..... | ..... |
| United States | 99 | 156,845 | 66 | 120,810 | ..... | ..... | 33 | 36,035 |
| Other foreign countries | 143 | 156,950 | 150 | 174,148 | 7 | 17,198 | ..... | ..... |
| Total | 61,380 | 36,859,015 | 61,647 | 37,672,904 | 267 | 813,889 | ..... | ..... |

CLEARED.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Austrian | 95 | 69,060 | 113 | 98,144 | 18 | 19,084 | ..... | ..... |
| Belgian | 1,278 | 473,160 | 1,300 | 473,694 | 22 | 534 | ..... | ..... |
| British | 37,613 | 27,320,248 | 36,927 | 27,332,574 | ..... | 12,326 | 686 | ..... |
| Danish | 3,208 | 971,652 | 3,191 | 994,340 | ..... | 22,688 | 17 | ..... |
| Dutch | 1,685 | 985,789 | 1,784 | 1,094,154 | 99 | 108,365 | ..... | ..... |
| French | 3,204 | 920,003 | 3,449 | 970,013 | 245 | 50,010 | ..... | ..... |
| German | 4,547 | 2,249,304 | 4,229 | 2,038,303 | ..... | ..... | 318 | 211,001 |
| Italian | 295 | 239,577 | 310 | 297,734 | 15 | 58,157 | ..... | ..... |
| Norwegian | 6,356 | 2,594,426 | 6,510 | 2,685,170 | 154 | 90,744 | ..... | ..... |
| Russian | 690 | 264,141 | 769 | 316,958 | 79 | 52,817 | ..... | ..... |
| Spanish | 648 | 622,245 | 628 | 592,155 | ..... | ..... | 40 | 30,090 |
| Swedish | 2,281 | 893,189 | 2,398 | 975,236 | 117 | 82,047 | ..... | ..... |
| United States | 92 | 149,199 | 69 | 101,699 | ..... | ..... | 23 | 47,500 |
| Other foreign countries | 210 | 198,612 | 204 | 224,077 | ..... | 25,465 | 6 | ..... |
| Total | 62,202 | 37,953,605 | 61,881 | 38,194,251 | ..... | 240,646 | 321 | ..... |

*Number and tonnage of British and foreign vessels (sailing and steam) entered and cleared with cargoes and in ballast at the principal ports in the United Kingdom, from and to foreign countries and British Possessions.*

ENTERED.

| Port. | 1891. | | 1892. | | Increase. | | Decrease. | |
|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| Belfast | 358 | 248,048 | 447 | 325,215 | 89 | 77,167 | ..... | ..... |
| Cardiff | 4,287 | 3,425,891 | 4,286 | 3,511,961 | ..... | 86,070 | 1 | ..... |
| Glasgow | 879 | 995,385 | 1,052 | 1,209,841 | 173 | 214,456 | ..... | ..... |
| Hull | 3,290 | 2,087,871 | 3,392 | 2,141,311 | 102 | 53,440 | ..... | ..... |
| Kirkcaldy | 1,258 | 434,099 | 1,440 | 517,731 | 182 | 83,032 | ..... | ..... |
| Leith | 1,573 | 778,978 | 1,580 | 821,603 | 7 | 42,625 | ..... | ..... |
| Liverpool | 4,405 | 5,866,930 | 4,272 | 5,913,860 | ..... | 46,940 | 133 | ..... |
| London | 10,218 | 7,687,965 | 10,330 | 7,866,946 | 112 | 228,981 | ..... | ..... |
| Newport | 1,100 | 736,145 | 1,093 | 754,073 | ..... | 17,928 | 7 | ..... |
| Southampton | 1,843 | 918,065 | 1,832 | 913,187 | ..... | ..... | 11 | 4,878 |
| Sunderland | 1,330 | 756,300 | 1,246 | 702,137 | ..... | ..... | 84 | 54,163 |
| Tyne ports | 6,057 | 3,568,293 | 5,098 | 3,054,885 | ..... | ..... | 959 | 513,408 |
| Other ports | 24,752 | 9,404,452 | 25,579 | 9,940,154 | 797 | 535,702 | ..... | ..... |
| Total | 61,330 | 36,859,015 | 61,647 | 37,672,904 | 267 | 813,889 | ..... | ..... |

CLEARED.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Belfast | 119 | 81,179 | 187 | 157,969 | 68 | 76,790 | ..... | ..... |
| Cardiff | 6,700 | 5,960,444 | 6,717 | 6,267,218 | 17 | 306,774 | ..... | ..... |
| Glasgow | 1,424 | 1,661,672 | 1,496 | 1,731,064 | 72 | 69,392 | ..... | ..... |
| Hull | 2,923 | 1,725,805 | 2,951 | 1,659,869 | 28 | ..... | ..... | 65,936 |
| Kirkcaldy | 2,054 | 740,305 | 2,204 | 822,266 | 150 | 81,961 | ..... | ..... |
| Leith | 1,354 | 666,502 | 1,370 | 722,734 | 16 | 56,132 | ..... | ..... |
| Liverpool | 3,841 | 5,220,988 | 3,709 | 5,206,116 | ..... | ..... | 132 | 14,872 |
| London | 7,648 | 5,787,552 | 7,850 | 6,049,513 | 202 | 261,961 | ..... | ..... |
| Newport | 1,497 | 1,101,818 | 1,458 | 1,109,980 | ..... | 8,662 | 39 | ..... |
| Southampton | 1,698 | 833,508 | 1,723 | 822,348 | 25 | ..... | ..... | 11,160 |
| Sunderland | 1,575 | 960,018 | 1,393 | 858,910 | ..... | ..... | 182 | 101,108 |
| Tyne ports | 8,354 | 5,308,201 | 7,091 | 4,441,340 | ..... | ..... | 1,263 | 866,861 |
| Other ports | 23,015 | 7,906,013 | 23,732 | 8,344,924 | 717 | 438,911 | ..... | ..... |
| Total | 62,202 | 37,953,605 | 61,811 | 38,194,251 | ..... | 240,646 | 321 | ..... |

VESSELS BUILT.

*Number and net tonnage of iron, steel, and wooden sailing and steam vessels built at ports in the United Kingdom for foreigners in 1891 and 1892.*

| Year. | War. | | | | Mercantile. | | | | | | Aggregate. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steam vessels. | | Total. | | Sailing vessels. | | Steam vessels. | | Total. | | Sailing vessels. | | Steam vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| 1891 | 13 | 300 | 13 | 300 | 67 | 37,693 | 148 | 100,901 | 215 | 138,594 | 67 | 37,693 | 161 | 101,201 | 228 | 138,894 |
| 1892 | 8 | 2,792 | 8 | 2,792 | 26 | 28,372 | 97 | 77,593 | 123 | 105,965 | 26 | 28,372 | 105 | 80,385 | 131 | 108,757 |
| Increase | ..... | 2,492 | ..... | 2,492 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Decrease | 5 | ..... | 5 | ..... | 41 | 9,321 | 51 | 23,308 | 92 | 32,629 | 41 | 9,321 | 56 | 20,816 | 97 | 30,137 |

*Total number and net tonnage of vessels built in the United Kingdom (exclusive of vessels built for foreigners).*

[The figures are those of the ships finished building in the years mentioned.]

| | *Iron. | | Steel. | | †Wood. | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. |
| 1892. | | | | | | | | |
| Sailing vessels | 28 | 9,001 | 138 | 241,540 | 156 | 8,159 | 322 | 258,700 |
| Steam vessels | 88 | 9,422 | 410 | 423,690 | 23 | 979 | 521 | 434,091 |
| Total | 116 | 18,423 | 548 | 665,230 | 179 | 9,138 | 843 | 692,791 |
| 1891. | | | | | | | | |
| Sailing vessels | 25 | 6,592 | 116 | 177,291 | 167 | 8,034 | 308 | 191,917 |
| Steam vessels | 181 | 16,030 | 419 | 462,089 | 22 | 563 | 622 | 478,682 |
| Total | 206 | 22,622 | 535 | 639,380 | 189 | 8,597 | 930 | 670,599 |
| 1890. | | | | | | | | |
| Sailing vessels | 25 | 12,653 | 70 | 101,270 | 182 | 9,301 | 277 | 123,224 |
| Steam vessels | 125 | 32,818 | 424 | 495,274 | 32 | 697 | 581 | 528,789 |
| Total | 150 | 45,471 | 494 | 596,544 | 214 | 9,998 | 858 | 652,013 |

*Including vessels built partly of iron and partly of steel. †Including composite vessels.

BRITISH REGISTERED VESSELS.

*Total number and tonnage of registered vessels of the United Kingdom, Isle of Man, and Channel Islands, which were employed in the home and foreign trades, and the number of persons employed therein.*

| | Vessels. | Tons. | Persons employed. | | |
|---|---|---|---|---|---|
| | | | British. | Foreign. | *Total. |
| 1892. | | | | | |
| Sailing vessels | 10,793 | 2,965,326 | 68,191 | 12,485 | 80,789 |
| Steam vessels | 6,227 | 5,484,186 | 117,246 | 18,414 | 160,946 |
| Total | 17,020 | 8,449,512 | 185,437 | 30,899 | 241,735 |
| 1891. | | | | | |
| Sailing vessels | 11,114 | 2,847,501 | 68,583 | 12,436 | 81,189 |
| Steam vessels | 6,129 | 5,317,040 | 117,593 | 17,831 | 159,291 |
| Total | 17,243 | 8,164,541 | 186,176 | 30,267 | 240,480 |
| 1890. | | | | | |
| Sailing vessels | 11,570 | 2,893,572 | 72,199 | 11,809 | 84,218 |
| Steam vessels | 5,855 | 5,021,764 | 113,948 | 15,418 | 151,880 |
| Total | 17,425 | 7,915,336 | 186,147 | 27,227 | 236,108 |

*Including Lascars and Asiatics.

VESSELS LOST.

*Number and tonnage of vessels belonging to the United Kingdom totally lost (exclusive of vessels of the royal navy), and number of passengers and crew lost.*

[The losses of unregistered vessels are included in these figures.]

| Year. | Sailing vessels. | | | | | Steam vessels. | | | | | Aggregate. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Tons. | Crew. | Passengers. | Total. | No. | Tons. | Crew. | Passengers. | Total. | No. | Tons. | Crew. | Passengers. | Total. |
| 1890 | 394 | 93,870 | 884 | 25 | 909 | 134 | 112,864 | 488 | 147 | 635 | 528 | 206,734 | 1,372 | 172 | 1,544 |
| 1891 | 448 | 104,991 | 942 | 18 | 960 | 139 | 112,431 | 400 | 566 | 966 | 587 | 217,422 | 1,342 | 584 | 1,926 |
| Increase | 54 | 11,121 | 58 | ..... | 51 | 5 | ..... | ..... | 419 | 331 | 59 | 10,688 | ..... | 412 | 382 |
| Decrease | .... | ..... | .... | 7 | .... | .... | 433 | 88 | ..... | .... | .... | ..... | 30 | ..... | ..... |

## AGRICULTURE.

The total cultivated area in the United Kingdom in 1892 was 47,977,903 acres, a decrease of 201,750 acres; the decrease in the total of arable land was 167,768 acres and of permanent pasture 33,802 acres.

The changes that have taken place in the last twenty years in the cultivated area of England and Scotland (and the same remarks apply to Ireland) are very remarkable, as the following table will show:

| Years. | Arable. | Pasture. | Total cultivated area. |
|---|---|---|---|
| | *Acres.* | *Acres.* | *Acres.* |
| 1872 | 18,428,000 | 12,576,000 | 31,004,000 |
| 1882 | 17,492,000 | 14,821,000 | 32,313,000 |
| 1892 | 16,327,000 | 16,358,000 | 32,685,000 |

It will be noticed that the total cultivated area increased by upward of 1,500,000 acres in the twenty years, which was due to the series of reclamations and extensions which is continually going on, and to the increased care shown in preparing these returns.

The wheat acreage returned in 1892 for England and Scotland was 2,219,839 acres, the smallest total yet reached. In 1872 out of every 1,000 acres of cultivated land 116 were returned as growing wheat, while in 1892 only 68 acres out of a like acreage were so returned.

The average price of wheat in 1892 compared with 1891 fell $1.64 per quarter, barley 50 cents per quarter, and oats 4 cents per quarter.

The following table gives the average price per quarter of wheat, barley, and oats in 1872, 1882, and 1892:

| Year. | Wheat. | Barley. | Oats. |
|---|---|---|---|
| 1872 | $13.87 | $9.10 | $5.63 |
| 1882 | 10.97 | 7.58 | 5.31 |
| 1892 | 7.35 | 6.36 | 4.82 |

There was an increase in 1892 in the number of horses in the United Kingdom of 40,000; cattle, about 200,000, and sheep of 100,000; but a falling off in the number of pigs of nearly a million, or about 25 per cent. This falling off was due to the low price obtained for pork and bacon in 1891.

The general range of prices for meat as quoted in the Metropolitan Cattle Market in 1872, 1882, and 1892 are as follows:

[Per 8 pounds.]

| Year. | Beef. | Mutton. | Pork. |
|---|---|---|---|
| 1872 | $1.01 to $1.41 | $1.17 to $1.62 | $0.85 to $1.15 |
| 1882 | .97 1.46 | 1.29 1.74 | 1.03 1.21 |
| 1892 | .70 1.15 | .87 1.35 | .70 1.11 |

*Acreage under crops, bare fallow, and grass in the United Kingdom.*

| Crops, etc. | 1892. | 1891. |
|---|---|---|
| | *Acres.* | *Acres.* |
| Corn | 9,328,701 | 9,443,509 |
| Green | 4,467,115 | 4,510,653 |
| Clover, sanfoin, and grasses | 5,973,456 | 6,015,037 |
| Permanent pasture | 27,533,326 | 27,567,128 |
| Flax | 72,065 | 76,477 |
| Hops | 56,259 | 56,145 |
| Small fruit | 62,547 | 59,122 |
| Bare fallow | 484,434 | 451,402 |
| Total acreage under all kinds of crops, bare fallow, and grass | 47,977,903 | 48,179,473 |
| Total area of United Kingdom | 77,642,099 | 77,642,099 |

*Live stock in the United Kingdom.*

| Animals. | 1892. | 1891. |
|---|---|---|
| Horses | 2,067,549 | 2,026,170 |
| Cattle | 11,519,417 | 11,345,586 |
| Sheep | 33,642,806 | 33,533,963 |
| Pigs | 3,265,898 | 4,272,764 |

SEA FISHERIES.

There were landed on the coasts of the United Kingdom in 1892, 12,444,000 cwt. of fish, exclusive of shellfish, valued at $32,365,000 at the point of landing. The value of the shellfish landed was $2,250,000, which, being added to the above total, makes the sea fisheries of the United Kingdom in 1892 worth at the place of landing $34,615,000. It is calculated that the cost of curing, etc., the fish makes the total value about double.

The general result for the United Kingdom, including salmon is as follows:

| | | |
|---|---|---|
| England and Wales: | | |
| Fish landed | $24,915,000 | |
| Salmon landed | 500,000 | |
| | | $25,415,000 |
| Scotland: | | |
| Fish landed | 8,355,000 | |
| Salmon landed | 1,385,000 | |
| | | 9,740,000 |
| Ireland: | | |
| Fish landed | 1,345,000 | |
| Salmon landed | 1,305,000 | |
| | | 2,650,000 |
| Total | | 37,805,000 |

The value of fish imported into the United Kingdom in 1892 was about $10,000,000 and exported therefrom about $8,500,000.

The number of boats engaged in the fisheries in 1891 was 23,622, giving employment to 78,077 men and boys constantly, and occasional employment to 45,697 other persons. These figures show a decrease both in the number of boats and men and boys employed when compared with 1890.

*Quantity, value, and average price of fish landed on the coasts of the United Kingdom in 1892.*

| | England and Wales. | | | Scotland. | | |
|---|---|---|---|---|---|---|
| | Quantity. | Value. | Average price. | Quantity. | Value. | Average price. |
| | *Cwt.* | | *Per lb.* | *Cwt.* | | *Per lb.* |
| Soles | 72,821 | $2,497,265 | $0.2940 | 23,349 | $185,775 | $0.0682 |
| Turbot | 62,630 | 1,142,845 | .1564 | 4,596 | 72,550 | .1354 |
| Other prime fish | 68,395 | 863,085 | .1082 | 276 | 5,285 | .1642 |
| Cod | 377,546 | 1,304,385 | .0296 | 463,450 | 852,685 | .0158 |
| Ling | 104,716 | 367,610 | .0300 | 146,567 | 240,020 | .0170 |
| Haddock | 1,903,831 | 4,815,430 | .0216 | 722,740 | 1,971,760 | .0234 |
| Herrings | 1,580,890 | 2,174,400 | .0118 | 3,621,133 | 3,772,345 | .0090 |
| Mackerel | 858,413 | 1,643,285 | .0382 | 3,526 | 8,285 | .0202 |
| Sprats | 35,862 | 40,615 | .0096 | 5,907 | 4,240 | .0062 |
| All other | 1,920,595 | 8,294,105 | .0370 | 399,734 | 842,025 | .0180 |
| Total | 6,485,699 | 23,143,525 | .0306 | 5,391,278 | 7,954,970 | .0123 |
| Shellfish: | *Number.* | | *Per dozen.* | | *Number.* | *Per dozen.* |
| Crabs | 4,520,725 | 245,345 | .7800 | 3,098,580 | 83,375 | .3300 |
| Lobsters | 858,353 | 193,345 | 2.7000 | 736,404 | 161,635 | 2.6300 |
| Oysters | 36,893,000 | 569,420 | .1800 | 315,500 | 7,260 | .2700 |
| | *Cwt.* | | *Per lb.* | | *Cwt.* | *Per lb.* |
| All other | 514,159 | 719,725 | .0120 | 329,970 | 148,895 | .0038 |
| Total | | 1,772,835 | | | 401,565 | |
| Total value of all fish | | 24,916,360 | | | 8,356,535 | |

*Quantity, value, and average price of fish landed on the coasts of the United Kingdom in 1892*—Continued.

| | Ireland. | | | Total United Kingdom. | | |
|---|---|---|---|---|---|---|
| | Quantity. | Value. | Average price. | Quantity. | Value. | Average price. |
| | *Cwt.* | | *Per lb.* | *Cwt.* | | *Per lb.* |
| Seine | 3,848 | $73,465 | $0.1636 | 100,018 | $2,756,505 | $0.2362 |
| Turbot | 1,428 | 22,030 | .1322 | 68,654 | 1,237,425 | .1546 |
| Other prime fish | | | | 68,671 | 868,370 | .1084 |
| Cod | 37,140 | 86,700 | .0200 | 878,136 | 2,243,770 | .0220 |
| Ling | 18,752 | 38,240 | .0174 | 270,035 | 645,870 | .0204 |
| Haddock | 25,368 | 78,130 | .0264 | 2,651,939 | 6,865,820 | .0222 |
| Herrings | 94,187 | 153,855 | .0140 | 5,296,210 | 6,100,600 | .0096 |
| Mackerel | 285,356 | 577,400 | .0174 | 647,295 | 2,228,970 | .0296 |
| Sprats | 10,150 | 4,885 | .0042 | 51,919 | 49,740 | .0062 |
| All other | 90,358 | 230,280 | .0218 | 2,410,687 | 9,366,410 | .0334 |
| Total | 566,587 | 1,264,985 | .0192 | 12,443,564 | 32,363,490 | .0222 |
| Shellfish: | *Number.* | | *Per dozen.* | *Number.* | | *Per dozen.* |
| Crabs | 310,936 | 17,175 | .6600 | 7,930,241 | 395,895 | .6000 |
| Lobsters | 222,354 | 38,155 | 2.0600 | 1,817,111 | 393,135 | 2.5900 |
| Oysters | 1,339,960 | 10,100 | .0900 | 33,548,460 | 587,180 | .1800 |
| | *Cwt.* | | *Per lb.* | *Cwt.* | | *Per lb.* |
| All other | 15,903 | 11,870 | .0064 | 860,122 | 875,490 | .0068 |
| Total | | 77,300 | | | 2,251,700 | |
| Total value of all fish | | 1,342,285 | | | 34,615,180 | |

*Number of boats, men, and boys employed in the sea fisheries of the United Kingdom in 1890–'91.*

| | England and Wales. | | Scotland. | | Ireland. | | United Kingdom, including islands. | |
|---|---|---|---|---|---|---|---|---|
| | 1891. | 1890. | 1891. | 1890. | 1891. | 1890. | 1891. | 1890. |
| Boats | 6,696 | 7,006 | 10,419 | 10,502 | 5,902 | 5,784 | 23,623 | 23,874 |
| Men and boys constantly employed | 33,044 | 32,503 | 32,861 | 34,319 | 10,600 | 10,121 | 78,077 | 78,450 |
| Men and boys occasionally employed | 9,011 | 9,312 | 19,872 | 20,329 | 14,754 | 13,981 | 45,697 | 46,337 |

MINES.

The number of persons employed in and about all mines in the United Kingdom in 1892 was 721,808, of whom 6,099 were females employed above ground, an increase of 14,379 persons employed when compared with the previous year.

The total number of fatal accidents was 862, and the total number of deaths occasioned thereby 1,034, being a decrease of 99 in the number of fatal accidents and an increase of 4 in the number of lives lost compared with the totals of the preceding year. There was one death for every 679 persons employed, which was more favorable than the ratio 1 in 668 of the preceding year.

The quantity of coal wrought in 1892 was 181,786,871 tons, a decrease of upwards of 3,600,000 tons as compared with the previous year; fire clay, 2,212,233 tons; iron ore, 2,353,666, a decrease of 320,000 tons; iron stone, 7,229,150 tons, a decrease of upwards of 1,600,000 tons; and oil shale, 2,085,662 tons, a decrease of 250,000 tons.

The total value of minerals wrought was $424,106,750 in 1892, a decrease, when compared with the previous year, of $51,605,090.

*Quantity of mineral wrought at mines in the United Kingdom.*

| Description. | 1892. | 1891. | Description. | 1892. | 1891. |
|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | | *Tons.* | *Tons.* |
| Alum clay | 7,322 | 10,763 | Iron pyrites | 7,182 | 8,979 |
| Arsenic | 5,114 | 6,048 | Ironstone | 5,644,486 | 7,229,150 |
| Arsenical pyrites | 4,497 | 5,095 | Lead ore | 39,904 | 43,833 |
| Barytes | 24,248 | 26,876 | Manganese ore | 6,078 | 9,476 |
| Clays | 79,979 | 71,950 | Ocher, umber, etc. | 4,031 | 4,432 |
| Coal | 181,786,871 | 185,479,126 | Oil shale | 2,085,662 | 2,352,471 |
| Copper ore | 5,995 | 8,836 | Salt, rock | 172,159 | 221,593 |
| Copper precipitate | 265 | 322 | Slates | 156,911 | 138,578 |
| Fire clay | 2,212,233 | 2,394,065 | Stone, etc | 721,973 | 736,578 |
| Gold ore | 9,990 | 14,117 | Tin ore | 15,449 | 17,349 |
| Gypsum | 111,313 | 114,870 | Zinc ore | 23,683 | 22,216 |
| Iron ore | 2,353,666 | 2,576,203 | All other | 226,088 | 249,427 |

*Persons employed in and about all mines in the United Kingdom.*

| Description. | 1892. | | 1891. | |
|---|---|---|---|---|
| | Males. | Females. | Males. | Females. |
| Underground | 571,840 | ..... | 559,189 | ..... |
| Above ground, including sidings at the pit | 124,852 | 5,774 | 122,870 | 5,819 |
| Above ground, on branch railways, etc | 19,017 | 325 | 19,240 | 293 |
| Total | 715,709 | 6,099 | 701,299 | 6,112 |
| | 721,808 | | 707,411 | |

*Estimated value at the place of production of coal and metals produced in the United Kingdom during the year 1892.*

| Description. | 1892. | 1891. |
|---|---|---|
| Coal | $330,252,255 | $370,499,060 |
| Metals produced from British ores: | | |
| Pig iron | 86,381,660 | 97,204,590 |
| Fine copper | 123,730 | 203,540 |
| Metallic lead | 1,588,390 | 2,003,435 |
| White tin | 4,464,910 | 4,405,695 |
| Zinc | 1,017,680 | 1,062,475 |
| Silver from lead | 224,990 | 262,670 |
| Gold | 52,555 | 68,500 |
| Other metals | 520 | 1,855 |
| Total | 424,106,750 | 475,711,840 |

POST-OFFICE.

The following table shows the estimated number of letters, etc., received in the United Kingdom for the year ending March 31, 1893:

| Description. | Number. | Increase. | Average number to each person. |
|---|---|---|---|
| | | *Per cent.* | |
| Letters | 1,790,500,000 | 1·3 | 46·6 |
| Post cards | 244,400,000 | 1·2 | 6·4 |
| Book packets, etc | 535,200,000 | 8·0 | 14·0 |
| Newspapers | 162,800,000 | ..... | 4·2 |
| Total | 2,732,900,000 | 2·4 | 71·2 |
| Parcels | 52,370,000 | 6·0 | 1·4 |
| Grand total | 2,785,270,000 | 2·5 | 72·6 |

Of the total number of letters delivered about 85 per cent were delivered in England and Wales (29.98 per cent being delivered in the London postal district alone), 9·07 per cent in Scotland, and 5·93 per cent in Ireland.

MONEY ORDERS.

The total number of inland money orders issued was 8,963,032 of the value of $123,094,045, an increase of 56,456 and $1,176,200, respectively, as compared with the preceding year. The total number of foreign and colonial orders issued and paid in the United Kingdom was 1,479,886 of the value of $20,325,710, an increase in number of 39,832 of the value of $95,385 over the previous year.

The value of money orders issued payable in the United States was $971,120, a slight decrease compared with 1891–92, and of orders issued in the United States and payable in the United Kingdom $5,847,495, an increase of $311,085.

The number of postal orders issued was over 56,500,000, representing a value of more than $100,000,000.

SAVINGS BANKS.

The amount, including interest, which remained to the credit of depositors on the 31st of December, 1892, was $379,265,395, being $21,225,385 more than at the close of the previous year. The total number of depositors on the 31st of December, 1892, was 5,452,316 distributed as follows:

| Divisions. | Number of depositors. | Proportion to population. | Average balance due to each depositor. |
|---|---|---|---|
| England and Wales | 5,027,431 | 1 in 6 | $69.50 |
| Scotland | 199,062 | 1 in 20 | 44.43 |
| Ireland | 225,823 | 1 in 21 | 93.25 |
| Total | 5,452,316 | 1 in 7 | 69.56 |

The amount of Government stock standing to the credit of depositors increased during the year by over $2,500,000, the total amount held being nearly $30,000,000.

TELEGRAPHS.

The number of telegrams sent in the United Kingdom shows a slight decrease, with the exception of press messages, which are sent at very low rates. The working of the telegraphs resulted in a loss to the post-office of $2,776,270 on the year, and this is accounted for by the slackness of trade and the competition of the telephone companies.

REVENUE.

The total postal revenue for the year 1892–'93 was about $51,720,000, the expenditures being $37,590,000, leaving a balance of $13,130,000.

The total telegraph revenue for the same time was $12,435,000 and the expenditure $12,840,000, being a decrease of $405,000 for the year, to which has to be added the interest on the capital raised for the purchase of telegraphs.

Taking the postal and telegraph services together, there is an increase in revenue of $700,000 and in expenditure of $2,225,000. The large increase in expenditure is due to increased salaries, wages, and pensions.

RAILWAY.

There were 20,325 miles of railways open in the United Kingdom in 1892, the paid-up capital of which amounted to $4,721,786,600. The gross receipts were $410,460,200 and working expenditure $228,589,825, leaving net receipts of $181,870,375. The proportion of working expenditure to gross receipts was 56 per cent, compared with 55 per cent in 1891. The receipts from passenger and goods traffic averaged $19,320 per mile of line open, against $19,405 in the previous year.

The number of passengers conveyed, exclusive of season-ticket holders, was 864,435,388, and the tonnage of goods and minerals carried was 309,626,378 tons.

*Length of lines, capital paid up, passengers and merchandise conveyed on railways in United Kingdom in 1892.*

| | Length of line. | Capital paid up. | Number of passengers conveyed.* | Tonnage of goods and minerals conveyed. |
|---|---|---|---|---|
| | *Miles.* | | | |
| England and Wales | 14,242 | $3,885,694,475 | 702,630,966 | 200,490,183 |
| Scotland | 3,188 | 643,560,825 | 79,157,412 | 44,814,736 |
| Ireland | 2,895 | 192,511,300 | 22,647,010 | 4,321,459 |
| Total | 20,325 | 4,721,786,600 | 804,435,388 | 309,626,378 |
| Previous year | 20,191 | 4,597,125,605 | 845,463,668 | 310,324,607 |

*Season tickets excluded.

*Gross receipts and working expenditure of the railways of the United Kingdom in 1892.*

| | Gross receipts. | | | | |
|---|---|---|---|---|---|
| | From passenger traffic. | From goods traffic. | Average receipts from passenger and goods traffic per mile of line open. | Miscellaneous. | Total. |
| England and Wales | $151,788,715 | $181,412,955 | $23,895 | $16,060,120 | $349,261,790 |
| Scotland | 17,976,175 | 25,828,330 | 13,740 | 1,505,150 | 45,309,655 |
| Ireland | 8,549,190 | 7,091,205 | 5,405 | 248,360 | 15,888,755 |
| Total | 178,314,080 | 214,332,490 | 19,320 | 17,813,630 | 410,460,200 |
| Total previous year | 175,654,580 | 216,153,585 | 19,405 | 17,494,870 | 409,303,035 |

| | Working expenditure. | Net receipts. | Proportion of working expenditure to gross receipts. |
|---|---|---|---|
| | | | *Per cent.* |
| England and Wales | $196,251,385 | $153,010,405 | 56 |
| Scotland | 23,650,885 | 21,658,770 | 52 |
| Ireland | 8,687,555 | 7,201,200 | 55 |
| Total | 228,589,825 | 181,870,375 | 56 |
| Total previous year | 225,723,880 | 183,658,120 | 55 |

TRAMWAYS.

The total length of tramway opened in the United Kingdom in 1892 was 946 miles, the paid up capital of which was $67,855,000. The total receipts were $17,657,155, an increase of $500,000. The working expenditure shows an increase of $1,120,000.

*Total length, paid up capital, traffic receipts and working expenses of tramways in the United Kingdom in 1892.*

| | Length of line open. | Paid up capital. | Number of passengers conveyed. | Gross receipts. | Working expenses. | Net receipts. |
|---|---|---|---|---|---|---|
| | *Miles.* | | | | | |
| England and Wales. | 750 | $55,444,695 | 463,137,946 | $14,206,625 | $11,501,115 | $2,705,510 |
| Scotland | 84 | 6,243,645 | 82,145,667 | 2,240,750 | 1,774,395 | 466,355 |
| Ireland | 112 | 6,166,660 | 36,394,933 | 1,209,780 | 991,270 | 218,510 |
| Total | 946 | 67,855,000 | 581,678,546 | 17,657,155 | 14,266,780 | 3,390,375 |
| Total previous year | 963 | 67,981,485 | 565,621,478 | 17,148,430 | 13,154,645 | 3,993,785 |

## POPULATION.

The population of the United Kingdom estimated to the middle of the year 1893 (exclusive of the army, navy, and merchant steamers abroad) was 38,429,992, an increase as compared with the previous year of 325,019. The increase in England and Wales was 324,000 and Scotland 30,000. The decrease in Ireland was 32,000.

Births numbered 1,126,431, a decrease in each division of the United Kingdom.

Deaths numbered 724,674, and showed a decrease in England and Wales and Scotland, but an increase in Ireland of about 4,000, or nearly 4½ per cent over the previous year.

The number of marriages was 276,901, an increase in England and Scotland, but a slight decrease in Ireland.

The army of the United Kingdom consisted of 213,540 officers and men, of which number 106,115 were stationed at home and 107,425 were abroad. The strength of the navy consisted of about 70,000 men.

The police force in England and Wales numbered 40,596 men, Scotland 4,400, and Ireland 13,630.

The number of criminal offenders committed for trial in England and Wales was 12,216, of whom 9,607 were convicted and 2,567 acquitted.

In Scotland 2,252 were committed for trial, 1,778 convicted, and 491 acquitted. In Ireland 2,031 were committed for trial, 1,196 convicted, and 76 acquitted.

The totals show a slight increase in England and Wales and a decrease in Scotland and Ireland.

The number of persons in receipt of relief in England and Wales on the 1st of January, 1893, was 776,458, of which number 199,934 were in receipt of indoor, and 576,524 of outdoor relief. The amount expended for relief of the poor in 1892, was $44,238,390.

Scotland, on the 14th of January, 1893, numbered 93,496, and the amount expended in the relief of the poor in 1892 was $4,564,190.

At the close of the first week in January, 1893, there were 102,865 persons in receipt of relief in Ireland, and the amount expended there for relief in 1892 was $5,272,570.

*Population of the United Kingdom.*

| | 1893. | 1892. |
|---|---|---|
| England and Wales | 29,729,506 | 29,403,346 |
| Scotland | 4,093,959 | 4,063,452 |
| Ireland | 4,606,527 | 4,638,175 |
| Total | 38,429,992 | 38,104,973 |

Increase, 325,019.

*Births, deaths, and marriages in the United Kingdom in 1892.*

| | Births. | Deaths. | Marriages. |
|---|---|---|---|
| England and Wales | 897,270 | 559,090 | 226,922 |
| Scotland | 125,011 | 75,568 | 28,637 |
| Ireland | 104,150 | 90,016 | 21,342 |
| Total | 1,126,431 | 724,674 | 276,901 |
| Total previous year | 1,147,684 | 757,267 | 275,395 |

*Enrolled strength of the army, reserve, militia, yeomanry, and volunteers.*

| | 1892. | 1891. |
|---|---|---|
| Army reserve | 68,933 | 60,233 |
| Militia and militia reserve | 116,352 | 112,201 |
| Yeomanry | 10,579 | 10,719 |
| Volunteers | * 225,423 | 222,046 |
| Total | 421,287 | 405,199 |

* Efficient, 217,302; nonefficient, 8,121.

*Average strength of the regular army of the United Kingdom (at home and abroad) in 1891.*

| | At home. | Abroad. | Total. | 1891. |
|---|---|---|---|---|
| Officers | 3,878 | 3,775 | 7,653 | 7,614 |
| Warrant officers, noncommissioned officers and men | 102,237 | 103,650 | 205,887 | 202,085 |
| Total | 106,115 | 107,425 | 213,540 | 209,699 |

EMIGRATION.

The gross emigration from the United Kingdom to countries out of Europe in 1892 amounted to 321,397, and the immigration into the United Kingdom from such countries to 143,747, leaving a net emigration of 177,650. Of these totals 210,042 emigrants and 97,780 immigrants were persons of British and Irish origin, making a net emigration of 112,262, equal to 0·29 per cent of the total population of the United Kingdom with the exception of 1890 when the percentage was the same. This is the lowest proportion since 1878.

Of the total emigration 235,221 persons went to the United States, of whom 150,039 persons were of British and Irish origin, viz, 84,667 English, 16,406 Scotch, and 48,966 Irish. The number of immigrants from the United States was 103,718, of whom 62,698 were of British and Irish origin, leaving a net emigration of persons of British and Irish origin to the United States of 87,341.

The occupations of emigrants of British and Irish origin going to the United States were stated to be as follows: Agricultural laborers, gardeners, carters, etc., 10,698; bricklayers, masons, etc., 1,277; clerks and agents, 2,699; farmers and graziers, 2,651; gentlemen, merchants, etc., 4,340; general laborers 24,109; mechanics 1,460; miners, 1,283; spinners and weavers, 1,162. Of the female emigrants 17,686 were stated to be domestic and farm servants, nurses, etc.

The statistics of foreign emigrants to the United States give 30,453 as general laborers, 2,331 farmers and graziers, 3,078 mechanics, and 4,824 female domestics.

*Emigration in 1892.*

| Nationality. | To— United States. | British North America. | Australasia. | Cape of Good Hope and Natal. | All other places. | Total 1892. | Total 1891. |
|---|---|---|---|---|---|---|---|
| English | 84,667 | 19,937 | 12,188 | 8,492 | 8,531 | 133,815 | 137,881 |
| Scotch | 16,406 | 1,938 | 2,030 | 1,281 | 1,670 | 23,325 | 22,190 |
| Irish | 48,966 | 1,379 | 1,732 | 118 | 707 | 52,902 | 58,436 |
| Total British and Irish | 150,039 | 23,254 | 15,950 | 9,891 | 10,908 | 210,042 | 218,507 |
| Foreigners | 85,182 | 18,612 | 233 | 1,750 | 1,574 | 107,351 | 112,275 |
| Not distinguished | ..... | ..... | ..... | ..... | 4,004 | 4,004 | 3,761 |
| Grand total | 235,221 | 41,866 | 16,183 | 11,641 | 16,486 | 321,397 | 334,543 |

*Balance of recorded emigration and immigration to and from the following places in 1892.*

| Country of emigration and immigration. | Comparing total emigration with total recorded immigration. Emigrants. | Immigrants. | Excess of emigrants. | Comparing emigration and immigration of persons of British and Irish origin only. Emigrants. | Immigrants. | Excess of emigrants. |
|---|---|---|---|---|---|---|
| United States | 235,221 | 103,718 | 131,503 | 150,039 | 62,698 | 87,341 |
| British North America | 41,866 | 10,323 | 31,543 | 23,254 | 9,310 | 13,944 |
| Australasia | 16,183 | 10,793 | 5,390 | 15,950 | 10,606 | 5,344 |
| Cape of Good Hope and Natal | 11,641 | 7,194 | 4,447 | 9,891 | 6,147 | 3,744 |
| All other places | 16,486 | 11,719 | 4,767 | 10,908 | 9,019 | 1,889 |
| Total | 321,397 | 143,747 | 177,650 | 210,042 | 97,780 | 112,262 |

*Immigration in 1892.*

| Nationality. | Countries whence arrived. | | | | | Total 1892. | Total 1891. |
|---|---|---|---|---|---|---|---|
| | United States. | British North America. | Australasia. | Cape of Good Hope and Natal. | All other places. | | |
| British and Irish | 62,698 | 9,310 | 10,606 | 6,147 | 9,019 | 97,780 | 103,037 |
| Foreigners | 41,020 | 969 | 187 | 1,047 | 1,450 | 44,673 | 47,197 |
| Not distinguished | ..... | 44 | ..... | ..... | 1,250 | 1,294 | 1,135 |
| Total | 103,718 | 10,323 | 10,793 | 7,194 | 11,719 | 143,747 | 151,369 |

REVENUE.

The total revenue of the United Kingdom for the year ending March 31, 1893, amounted to $451,976,885 and the expenditure to $451,876,825, thus leaving an excess of revenue of $100,060.

The revenue from customs amounted to $98,000,000; excise $126,500,000; a decrease of $8,000,000.

The national debt services account for $126,000,000; the civil service list absorbs $96,540,000; army $87,710,000; navy $71,510,000, and expenses of collection $62,000,000.

*Revenue and expenditure of the United Kingdom, 1892.*

| Revenue. | | Expenditure. | |
|---|---|---|---|
| Customs | $98,575,000 | National debt services | $126,000,000 |
| Excise | 126,800,000 | Civil list | 96,540,590 |
| Stamps | 69,025,000 | Army | 87,710,000 |
| Land tax | 5,200,000 | Navy | 71,510,000 |
| House duty | 7,050,000 | Annuity under "Indian Army Pension Deficiency Act, 1885" | 750,000 |
| Property and income tax | 67,350,000 | Naval defense fund | 7,142,855 |
| Post-office | 52,000,000 | Charges for collection of revenue | 62,223,380 |
| Telegraph service | 12,400,000 | | |
| Crown lands | 2,150,000 | Total expenditure | 451,876,825 |
| Interest on advances | 1,101,980 | Excess of revenue | 100,060 |
| Fee and patent stamps | 4,162,840 | | |
| Receipts by civil departments, etc | 6,162,065 | | 451,976,885 |
| Total | 451,976,885 | | |

*Net receipts from customs, excise, and stamps for year ending March 31, 1893.*

| Articles. | Amount. |
|---|---|
| CUSTOMS. | |
| Tea | $16,996,875 |
| Coffee | 869,290 |
| Spirits, foreign and colonial | 20,457,620 |
| Wine | 6,342,455 |
| Tobacco and snuff | 50,622,175 |
| Currants, raisins, and dried fruits | 1,727,320 |
| Other imported articles | 923,930 |
| Miscellaneous articles | 156,790 |
| Total | 98,096,455 |
| Total previous year | 99,141,545 |
| EXCISE. | |
| Spirits | 76,420,335 |
| Beer | 47,229,465 |
| Licenses | 1,171,400 |
| Railways | 1,551,625 |
| Coffee-mixture labels, and chicory | 21,905 |
| Other receipts | 20,940 |
| Total | 126,415,670 |
| Total previous year | 128,587,125 |

*Net receipts from customs, excise, and stamps for year ending March 31, 1893*—Cont'd.

| Articles. | Amount. |
|---|---|
| STAMPS. | |
| Deeds | 14,361,935 |
| Probate duty | 11,990,150 |
| Estate duty | 6,273,310 |
| Legacies and successions | 23,489,485 |
| Life insurances | 268,100 |
| Marine insurances | 672,785 |
| Bills of exchange, etc | 3,937,070 |
| Receipts and drafts | 5,741,980 |
| Other receipts | 2,207,100 |
| Total | 68,941,915 |
| Total previous year | 68,650,920 |

NATIONAL DEBT.

The net amount of the national debt of the United Kingdom on March 31, 1893, the end of the fiscal year, stood at $3,342,163,860, a decrease of $34,500,000 as compared with the previous year.

The cost of management and interest was $92,617,940 and the repayment on capital amounted to $31,981,570.

The conversion of $65,000,000 exchequer bonds into a book debt in1892–'93 accounts for the increase in the funded debt and is the principal cause of the large decrease in the unfunded debt.

*National debt of the United Kingdom.*

| | Fiscal year ending Mar. 31— | |
|---|---|---|
| | 1892. | 1893. |
| Nominal amount of funded debt | $2,889,723,325 | $2,947,665,410 |
| Estimated capital value of terminable annuities | 322,109,560 | 303,807,450 |
| Unfunded debt | 176,564,970 | 103,741,350 |
| Other capital liabilities | 14,310,980 | 13,023,610 |
| Aggregate gross liabilities | 3,402,708,835 | 3,368,237,820 |
| Deduct sundry assets | 26,047,140 | 26,073,960 |
| Aggregate net liabilities | 3,376,661,695 | 3,342,163,860 |

PATRICK A. COLLINS,
*Consul-General.*

LONDON, ENGLAND.

*Value of declared exports for the United States for the year ending December 31, 1892.*

| Articles. | Belfast. | Birmingham. | Bradford. | Bristol. | Cardiff. |
|---|---|---|---|---|---|
| Animals | | $8,279.49 | | $54,504.80 | |
| Bags and bagging | | | | | $1,312.09 |
| Books | | | | 17,831.44 | 67.94 |
| Bricks and tiles | | 117,248.17 | | 6,009.90 | 1,876.98 |
| Buttons | | 70,196.88 | | | |
| Card clothing | | | $81,807.42 | | |
| Carpets | | 56,957.95 | 125,210.82 | | |
| Cement | | | | 158.40 | |
| Coal and coke | | | | | 158,680.88 |
| Cocoa and chocolate | | | | 32,359.67 | |
| Colors, paints, and varnishes | | | | 13,327.82 | 2,582.92 |
| Cotton | | | 86,506.37 | | |
| Cotton manufactures | $899,797.84 | 21,135.87 | 723,186.11 | | |
| Cycles | | 871,815.19 | | | |
| Drugs and chemicals | | 224,297.95 | 8,338.30 | 106,177.80 | 168.90 |
| Elastic | | 5,821.31 | | 2,454.12 | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Belfast. | Birmingham. | Bradford. | Bristol. | Cardiff. |
|---|---|---|---|---|---|
| Fruits, nuts, and vegetables | $47,873.96 | | | $7,280.51 | $102.35 |
| Fuller's earth | | | | 7,911.40 | |
| Furniture | | | $335.80 | | |
| Glass, china, and earthenware | | $281,326.50 | | | |
| Glue and gelatin | | 24,545.29 | | 12,943.22 | |
| Grease | | | 5,749.96 | | |
| Hair: Cow, calf, etc | | | 29,420.26 | | |
| Hardware | | 1,077,683.42 | 3,515.95 | | 333.19 |
| Hemp, flax, and tow | 457,429.01 | | | | |
| Leather | | | 31,722.74 | | |
| Linens | 6,916,698.61 | | | | |
| Machinery | 20,571.99 | | 282,380.64 | 7,428.64 | 10,469.11 |
| Metals: | | | | | |
| Iron and steel and manufactures | | 454,506.01 | 134,037.89 | | 7,777.84 |
| Other | | 60,207.21 | 3,788.81 | 11,829.56 | 3,960.59 |
| Oils | | | | | 305.00 |
| Ores, iron, etc | | | 61,587.16 | | |
| Paper and paper hangings | | | 3,137.99 | 321.12 | |
| Paper stock | | | 3,297.33 | | |
| Preserves, pickles, etc | | 37,173.97 | | 2,526.58 | |
| Rope | 30,853.21 | | | 2,952.10 | |
| Saddlery | | 133,770.59 | | | |
| Sausage casings | | | | 567.08 | |
| Seeds, plants, etc | 12,413.24 | | | 8,593.95 | |
| Shells | | 51,524.03 | | | |
| Silks | | | 185,863.86 | | |
| Skins, furs, etc | 2,019.59 | 260,820.64 | | 90,800.60 | |
| Stationery | 36,582.06 | 144,276.68 | | | |
| Stuff goods | | | 4,953,200.03 | | |
| Stone, marble, granite, etc | | | | 134.02 | |
| Thread | 169,639.51 | | | | |
| Tin | | | | | 43,279.54 |
| Tin plates | | 4,845.05 | | 19,189.54 | 2,233,290.37 |
| Unions | 854,754.63 | | | | |
| Wines and spirits | 19,062.97 | | 788.13 | 13,991.41 | |
| Wool and camel and goat hair | | | 799,800.80 | | |
| Woolen and worsted goods | | | 5,515,036.69 | 118,900.52 | |
| Yarn | | | 499,557.01 | 7,259.59 | |
| All other articles | 167,430.98 | 343,725.64 | 58,657.54 | 21,023.63 | 1,002.79 |
| Total 1892 | 9,135,127.65 | 4,310,157.79 | 13,593,008.80 | 499,946.23 | 2,450,395.41 |
| Total 1891 | 8,215,058.46 | 4,101,691.91 | 11,644,612.07 | 554,360.04 | 12,374,269.86 |
| Increase | 920,069.19 | 208,465.88 | 1,948,476.73 | | |
| Decrease | | | | 54,413.81 | 9,923,874.45 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Cork. | Dublin. | Dundee. | Dunfermline. | Falmouth. |
|---|---|---|---|---|---|
| Animals | $1,216.62 | $1,605.95 | $5,822.40 | | |
| Bags and bagging | | 818.10 | 88,359.25 | | |
| Beer, ale, and stout | 2,731.73 | 717,217.57 | | | |
| Books | | 3,081.26 | | | |
| Burlaps | | | 5,686,248.06 | | |
| Carpets | | | 56,890.44 | | |
| China clay | | | | | $169,461.01 |
| Cotton manufactures | 601.01 | | 1,675.27 | $101,995.61 | |
| Cycles | | 656.98 | | | |
| Drugs and chemicals | 4,907.02 | | | | 36,301.71 |
| Feathers | 26,595.52 | 61,803.05 | | | |
| Fish | 89,386.84 | | 42,995.43 | | 1,216.62 |
| Floor cloth | | | | 75,889.07 | |
| Fruits, nuts, and vegetables | 1,946.61 | | 47,468.94 | | |
| Furniture | 126.53 | | | | |
| Glass, china, and earthenware | | | 13,968.77 | | |
| Gloves, hosiery, etc | | 4,096.54 | | | |
| Glue and gelatin | | 16,792.75 | 10,463.60 | | |
| Hemp, flax, and tow | | | 46,495.30 | | |
| Jute | | | 25,196.15 | | |
| Leather | | | 82,867.76 | | |
| Linens | | | 2,147,114.07 | 1,997,973.48 | |
| Machinery | | | 19,911.20 | | 1,167.96 |
| Metals | | | 4,059.50 | | |
| Ores, iron, etc | | | 3,477.00 | | |
| Paper and paper hangings | | | 53,279.76 | | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Cork. | Dublin. | Dundee. | Dunfermline. | Falmouth. |
|---|---|---|---|---|---|
| Paper stock | | $3,545.32 | $170,174.92 | | |
| Preserves, pickles, etc | | | 17,831.76 | | |
| Provisions, cheese, bacon, etc | | 22,282.21 | | | |
| Saddlery | $184.92 | 754.09 | | | |
| Seeds, plants, etc | 1,961.67 | | 1,189.94 | | |
| Skins, furs, etc | 1,237.46 | 64,385.00 | 15,230.54 | | |
| Stone, marble, granite, etc | 2,394.53 | 460.12 | 368,049.66 | | $121.66 |
| Wearing apparel | | | 152.69 | | |
| Wines and spirits | 11,883.92 | 50,137.48 | 9,011.85 | | |
| Wool and camel and goat hair | | | 123,457.06 | | |
| Woolen and worsted goods | | 39,789.69 | 31,733.51 | | |
| Works of art | 486.65 | | | | 7,979.76 |
| Yarn | | | 184,390.02 | | |
| All other articles | 97.33 | 27,289.10 | 54,404.70 | $6,967.06 | 48.66 |
| Total 1892 | 145,573.44 | 1,014,715.21 | 9,311,418.54 | 2,182,825.22 | 216,297.38 |
| Total 1891 | 86,142.57 | 967,203.91 | 9,930,192.49 | 1,874,232.49 | 147,228.47 |
| Increase | 59,430.87 | 47,511.30 | | 308,592.73 | 69,068.91 |
| Decrease | | | 618,773.95 | | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Glasgow. | Huddersfield. | Hull. | Leeds. | Leith. |
|---|---|---|---|---|---|
| Animals | $61,460.00 | | | | $121.66 |
| Bags and bagging | | | $104.89 | | |
| Beer, ale, and stout | 7,665.87 | | | | 30,916.50 |
| Books | 46,766.57 | | 232.41 | | 72,819.08 |
| Bricks and tiles | 44,920.67 | $14,962.70 | | $127,476.25 | 1,034.82 |
| Card clothing | | 27,577.33 | | | |
| Carpets | 140,250.11 | | | | 338.35 |
| Chalk | | | 806.01 | | |
| Coal and coke | 121,454.88 | | 4,339.23 | | |
| Colors, paints, and varnishes | 5,210.91 | | 51,021.67 | | |
| Confectionery | | | | 15,872.23 | |
| Cotton | 150,025.10 | | | | |
| Cotton manufactures | 1,302,967.42 | 152,943.66 | | | |
| Cycles | | | | | 1,320.52 |
| Drugs and chemicals | 337,924.65 | 115,101.95 | 14,310.35 | 53,271.40 | 23,386.85 |
| Fish | 152,204.78 | | 935.08 | | 18,395.76 |
| Fruits, nuts, and vegetables | | | 27,634.81 | | |
| Fuller's earth | | 12,575.53 | | 10,310.21 | |
| Furniture | | | | | 1,430.30 |
| Glass, china, and earthenware | 9,976.55 | 180.60 | | | 1,890.99 |
| Glue and gelatin | | 1,012.85 | | | 166,399.22 |
| Grease | | 70,590.70 | | 254.76 | |
| Gums | 9,133.38 | | | | |
| Hair: Cow, calf, etc | | 454.32 | 100,864.61 | 26,417.40 | |
| Hardware | | | | | 741.05 |
| Hats | 28,824.49 | | | | |
| Hemp, flax, and tow | 381,043.64 | | 12,016.59 | | |
| Jute | | 919.83 | | | |
| Laces | 557,932.34 | | | | |
| Leather | | 813.84 | 6,506.75 | 23,329.64 | |
| Linens | 77,428.28 | 82,373.84 | | 4,190.88 | 668.17 |
| Machinery | 118,006.03 | 17,953.02 | 1,471.49 | | 1,509.98 |
| Metals: Iron and steel and manufactures | 389,266.29 | 5,192.24 | 25,899.91 | 272,354.96 | 3,669.40 |
| Oils | | | 2,918.43 | | 704.52 |
| Paper and paper hangings | 13,565.75 | | 202.04 | 460.29 | 10,881.50 |
| Paper stock | 100,704.79 | 16,290.68 | 23,869.18 | | 11,216.21 |
| Pitch and tar | | | 2,930.85 | | |
| Preserves, pickles, etc | | | | | 289.34 |
| Provisions, cheese, bacon, etc | 58,840.01 | | | | 4,084.86 |
| Rope | | | 11,598.25 | | |
| Rubber: Clothing and manufactures | | | | | 176.47 |
| Saddlery | | | 153.90 | | |
| Scientific and optical instruments | | | | | 393.11 |
| Seeds, plants, etc | 33,478.19 | | 122.22 | 5,526.00 | 2,910.61 |
| Silks | 107,250.80 | 25,161.35 | | 3,128.35 | |
| Skins, furs, etc | 129,678.04 | | 1,024.45 | 103,634.13 | 298.69 |
| Stationery | | 643.32 | | 2,506.44 | |
| Stuff goods | | 10,743.10 | | | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Glasgow. | Huddersfield. | Hull. | Leeds. | Leith. |
|---|---|---|---|---|---|
| Stone, marble, granite, etc | $19,141.37 | $506.69 | $14,805.06 | | $1,758.30 |
| Sugar | 78,330.74 | | | | |
| Thread | 390,116.86 | | | $542.57 | |
| Unions | 90,978.17 | | | | |
| Wearing apparel | | | | | 132.79 |
| Wines and spirits | 44,725.85 | | | | 31,049.10 |
| Woods | | | | | 38,653.17 |
| Wool and camel and goat hair | 605,801.37 | 70,693.12 | 44,499.37 | 199,180.15 | 142,143.73 |
| Woolen and worsted goods | 71,800.86 | 2,791,513.17 | | 626,814.87 | 183,116.64 |
| Works of art | | 767.74 | | | 3,477.35 |
| Yarn | | 2,657.35 | | 3,074.02 | |
| All other articles | 253,323.85 | 8,718.71 | 28,880.86 | 5,345.87 | 35,852.51 |
| Total 1892 | 5,940,198.61 | 3,380,347.64 | 377,149.15 | 1,483,690.42 | 791,781.55 |
| Total 1891 | 5,785,074.82 | 3,076,831.11 | 289,122.65 | 1,675,729.24 | 775,323.30 |
| Increase | 155,123.79 | 303,516.53 | 88,026.50 | | 16,458.25 |
| Decrease | | | | 192,038.82 | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Liverpool. | London. | Manchester. | Newcastle. | Nottingham. | Plymouth. |
|---|---|---|---|---|---|---|
| Animals | $222,788.38 | $499,649.10 | | | | $15,956.99 |
| Antimony | | 215,122.45 | | $137,102.62 | | |
| Artificial flowers | | 121,829.20 | | | | |
| Bags and bagging | 111,447.70 | 173,761.92 | | | | |
| Beer, ale, and stout | 97,957.77 | 759,921.07 | | | | |
| Blacking | | 32,909.14 | | | | |
| Books | 14,676.21 | 1,913,210.20 | | 5,675.62 | | 892.37 |
| Bricks and tiles | 29,314.82 | 37,265.14 | | 15,076.57 | | |
| Bristles | | 227,098.52 | | | | |
| Brushes, tooth and hair | | 38,538.14 | | | | 1,232.50 |
| Burlaps | | 44,921.05 | | | | |
| Buttons | | 8,589.38 | $7,254.94 | | | |
| Card clothing | | | 112,006.15 | | | |
| Carpets | | 152,733.02 | 148,669.58 | 9,337.94 | $963.18 | |
| Cement | 49,691.83 | 1,284,823.15 | | 38,532.33 | | |
| Chalk | | 60,530.69 | | | | |
| China clay | 49,073.79 | 5,408.05 | | | | 242,915.44 |
| Clocks and watches | | 46,097.40 | | | | |
| Coal and coke | 230,448.22 | 15,625.33 | | 66,134.36 | | |
| Cocoa and chocolate | | 323,787.53 | | | | |
| Coffee | | 499,037.91 | | | | |
| Colors, paints, and varnishes | 46,172.23 | 458,525.58 | | 14,666.29 | 124,482.36 | |
| Confectionery | | 23,162.66 | | | | |
| Cotton | 829,696.68 | | 12,022.95 | | | |
| Cotton manufactures | | 194,829.98 | 4,726,333.29 | 131,464.00 | 153,940.08 | |
| Cutlery | | 15,932.36 | | | | |
| Cycles | | 77,820.67 | | | 78,454.81 | |
| Drugs and chemicals | 8,701,408.48 | 2,026,905.13 | 627,338.45 | 322,906.94 | 2,814.27 | 89,128.00 |
| Elastic | | 281.01 | 120,115.88 | | 228,941.28 | |
| Emery | | 23,206.33 | | | | |
| Feathers | | 537,567.38 | | | | |
| Fish | 117,248.09 | 58,760.14 | | | | |
| Floor cloth | 116,382.35 | 114,507.34 | | | | |
| Fruits, nuts, and vegetables | 297,512.95 | 665,832.10 | | | | |
| Fuller's earth | | 73,337.84 | | | | |
| Furniture | 15,222.39 | 167,450.55 | | 627.05 | | |
| Glass, china, and earthenware | 265,962.52 | 127,580.86 | | | 33,543.40 | |
| Gloves, hosiery, etc | | 492,610.88 | 271,469.41 | 8,205.23 | 725,329.78 | |
| Glue and gelatin | | 111,625.45 | | | | |
| Grease | 175,043.14 | 35,420.68 | | 578.60 | 2,107.34 | |
| Gums | | 375,300.53 | | | | |
| Hair, cow, calf, etc | | 173,129.77 | 52,025.75 | | | |
| Hardware | 94,658.25 | 27,296.27 | | | 410.92 | |
| Hats | | 128,231.17 | 54,402.51 | | | |
| Hemp, flax, and tow | 495,826.02 | 2,145,443.98 | | | | |
| Indigo | | 489,796.27 | | | | |
| Ivory | | 218,782.68 | | | | |
| Jute | | 32,688.50 | | | | |
| Laces | | 15,158.46 | 457,091.03 | | 4,081,822.28 | |
| Leather | | 701,737.57 | 100,819.89 | 17,057.69 | 54,342.69 | |
| Linens | | 110,042.12 | 1,217,817.03 | 9,426.41 | 261,080.96 | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Liverpool. | London. | Manchester. | Newcastle. | Nottingham. | Plymouth. |
|---|---|---|---|---|---|---|
| Linseed | | $22,080.19 | | | | |
| Machinery | $11,623.39 | 70,565.15 | $3,043,551.43 | $4,317.78 | $253,741.97 | |
| Matches | | 24,220.80 | | | | |
| Metals: | | | | | | |
| Iron and steel manufactures | 1,140,932.82 | 139,788.24 | 221,627.14 | 156,270.20 | 14,549.66 | |
| Other | 104,015.70 | 882,024.81 | | 330.72 | | |
| Mustard | | 228,158.92 | | | | |
| Oils | | 196,395.76 | | | 298.87 | |
| Ores, iron, etc | 97,899.37 | 12,382.12 | | 295.51 | | |
| Paper and paper hangings | | 186,748.39 | 156,019.91 | | | |
| Paper stock | 453,932.52 | 482,336.30 | 810,619.27 | | | |
| Perfumery | | 91,807.11 | | | | |
| Pitch and tar | 7,981.06 | 169,434.73 | | | | |
| Plumbago | | 19,156.39 | | | | |
| Precious stones | | 3,215,415.62 | | | | |
| Preserves, pickels, etc | | 468,716.86 | | | | |
| Provisions, cheese, bacon, etc | 4,584.25 | 120,759.09 | | | | |
| Quicksilver | | 82,987.36 | | | | |
| Rice | 250,250.04 | 110,013.30 | | | | |
| Rope | 257.92 | 8,075.63 | | 9,436.36 | 540.35 | |
| Rubber: | | | | | | |
| Raw | 2,101,556.17 | 663,084.36 | | | | |
| Clothing and manufactures | | 71,275.12 | 29,627.79 | | | |
| Saddlery | 17,718.98 | 81,472.48 | | | | |
| Salt | 547,529.34 | 6,923.08 | | 1,890.90 | | |
| Sausage casings | 3,610.94 | 121,466.68 | | | | |
| Scientific and optical instruments | | 106,294.09 | | | 1,947.62 | |
| Seeds, plants, etc | 61,981.08 | 295,622.39 | | 15,056.21 | | $5,760.95 |
| Shell-lac | | 274,940.79 | | | | |
| Shells | | 864,909.53 | | | | |
| Silks | | 554,681.91 | 131,644.75 | | 182,968.86 | |
| Soaps | | 258,524.67 | | | | |
| Skins, furs, etc | 1,652,843.55 | 6,172,344.50 | 45,539.14 | 171,796.97 | 766,570.42 | 40,866.21 |
| Spices | 22,804.12 | 578,112.49 | | | | |
| Sponges | | 81,609.96 | | | | |
| Stationery | | 147,517.52 | | | 2,742.64 | |
| Sticks and canes | | 81,829.53 | | | | |
| Straw plait and braids | | 701,573.76 | | | | |
| Straw manufactures | | 95,335.21 | | | | |
| Stone, marble, granite, etc | 7,460.33 | 44,999.67 | | 50,243.26 | | 3,207.20 |
| Sugar | 501,439.29 | 28,486.27 | | | | |
| Tea | 45,279.66 | 591,193.96 | | | | |
| Thread | | 180.06 | | 1,699.97 | | |
| Tin | 22,050.11 | 3,819,210.33 | | | | |
| Tin plates | 8,718,424.63 | 111,876.53 | | | | |
| Tobacco and cigarettes | 768.90 | 120,588.89 | | | | |
| Unions | | 48,781.62 | 40,836.55 | | | |
| Wearing apparel | | 202,041.08 | | | 12,374.22 | |
| Wines and spirits | 10,769.57 | 301,650.98 | | | | 7,849.53 |
| Woods | 125,429.16 | 327,940.78 | | | | |
| Wool and camel and goat hair | 1,637,757.30 | 5,028,408.15 | 28,801.57 | | | 851.77 |
| Woolen and worsted goods | 13,295.27 | 2,024,018.69 | 338,699.89 | 2,929.99 | 78,538.55 | 1,311.43 |
| Works of art | | 392,164.97 | | | | 103.65 |
| Yarn | | 6,332.42 | 842,037.22 | | | |
| All other articles | 233,673.10 | 3,591,387.65 | 395,626.36 | 16,982.00 | 52,782.43 | 352.82 |
| Total, 1892 | 29,756,350.84 | 49,894,891.52 | 12,991,997.88 | 1,214,879.54 | 7,115,288.94 | 410,428.86 |
| Total, 1891 | 36,262,204.83 | 51,297,416.52 | 11,821,651.82 | 1,624,927.40 | 5,406,382.68 | 298,515.47 |
| Increase | | | 1,170,346.06 | | 1,708,906.26 | 111,913.39 |
| Decrease | 6,505,853.99 | 1,402,525.00 | | 410,047.86 | | |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Sheffield. | Southampton. | Swansea. | Tunstall. | Total, 1892. | Total, 1891. |
|---|---|---|---|---|---|---|
| Animals | $863.80 | $102 20 | | $545.62 | $872,917.01 | $826,213.12 |
| Antimony | | | | | 352,225.07 | 326,187.74 |
| Artificial flowers | | | | | 121,829.20 | 139,615.58 |
| Bags and bagging | | | | | 375,803.95 | 251,777.06 |
| Beer, ale and stout | | | | 696.65 | 1,617,107.16 | 1,434,460.55 |
| Blacking | | | | | 32,909.14 | 24,045.70 |
| Books | | 78.73 | | 806.37 | 2,076,138.20 | 2,270,276.14 |
| Bricks and tiles | | | 12,971.30 | 43,884.61 | 452,041.93 | 367,916.90 |
| Bristles | | | | | 227,098.52 | 196,396.40 |
| Brushes, tooth and hair | | | | | 89,770.64 | 54,443.97 |
| Burlaps | | | | | 5,781,169.11 | 6,592,920.05 |
| Buttons | | | | | 86,041.20 | 27,914.43 |
| Card clothing | | | | | 221,890.90 | 191,119.56 |
| Carpets | | | | | 691,351.39 | 711,176.88 |
| Cement | | | | | 1,373,205.71 | 1,886,081.41 |
| Chalk | | | | | 61,336.70 | 67,869.14 |
| China clay | | | | | 466,918.29 | 345,749.24 |
| Clocks and watches | | | | | 46,097.40 | 53,615.35 |
| Coal and coke | | | 179,998.18 | | 771,681.08 | 1,163,691.74 |
| Cocoa and chocolate | | | | | 356,147.20 | 555,842.10 |
| Coffee | | | | | 499,037.91 | 281,724.71 |
| Colors, paints, and varnishes | | | | 18,342.56 | 734,331.84 | 761,955.24 |
| Confectionery | | | | | 39,034.89 | 62,704.77 |
| Cotton | | | | | 1,078,251.10 | 952,315.10 |
| Cotton manufactures | | | | 516.36 | 8,411,336.50 | 7,953,838.86 |
| Cutlery | 621,151.27 | | | | 637,083.63 | 568,855.59 |
| Cycles | | 1,487.74 | | | 1,031,505.91 | 766,323.09 |
| Drugs and chemicals | 14,761.63 | | 77,773.47 | | 12,711,463.75 | 12,839,619.46 |
| Elastic | | | | | 357,613.60 | 277,011.04 |
| Emery | | | | | 23,206.33 | 28,562.15 |
| Feathers | | | | | 625,965.95 | 420,618.88 |
| Fish | | | | | 481,143.48 | 387,077.09 |
| Floor cloth | | | | | 306,778.76 | 305,201.26 |
| Fruits, nuts, and vegetables | | | | | 1,095,652.23 | 1,485,133.81 |
| Fuller's earth | | | | | 104,134.98 | 67,002.20 |
| Furniture | | 761.65 | | | 185,954.27 | 143,626.85 |
| Glass, china, and earthenware | | | | 3,832,997.69 | 4,567,427.88 | 5,000,606.13 |
| Gloves, hosiery, etc | | | | | 1,501,711.84 | 1,277,217.89 |
| Glue and gelatine | 79,265.23 | 93.67 | | | 423,141.28 | 374,537.06 |
| Grease | | | | | 289,745.18 | 297,378.66 |
| Gums | | | | | 384,433.91 | 243,700.31 |
| Hair, cow, calf, etc | 3,839.40 | | | | 385,651.51 | 214,301.06 |
| Hardware | 102,084.52 | | | 3,891.11 | 1,310,614.68 | 785,889.42 |
| Hats | | | | | 211,458.17 | 209,711.74 |
| Hemp, flax, and tow | | | | | 3,538,254.54 | 4,742,528.26 |
| Indigo | | | | | 489,796.27 | 67,785.97 |
| Ivory | | | | | 218,782.68 | 171,390.96 |
| Jute | | | | | 58,804.48 | 70,513.16 |
| Laces | | | | | 5,112,004.11 | 3,225,556.52 |
| Leather | | | | | 1,018,698.57 | 882,085.67 |
| Linens | 24,837.24 | 183.90 | | | 12,799,834.99 | 10,387,956.25 |
| Linseed | | | | | 22,080.19 | 93,718,81 |
| Machinery | 2,153.40 | | 1,145.34 | | 2,867,968.52 | 2,811,557.76 |
| Matches | | | | | 24,220.80 | 15,958.83 |
| Metals: | | | | | | |
| Iron and steel manufactures | 1,388,080.29 | | 181,551.90 | | 4,545,504.79 | 5,117,993.97 |
| Other | 3,864.07 | | 33,163.36 | | 607,244.33 | 672,137.79 |
| Mustard | | | | | 228,158.92 | 176,642.92 |
| Oils | 1,627.59 | | 4,832.62 | | 207,082.79 | 291,657.09 |
| Ores, iron, etc | | | 2,074.54 | | 177,715.70 | 372,622.53 |
| Paper and paperhangings | | | | 5,460.89 | 435,577.64 | 373,726.19 |
| Paper stock | | | | 3,145.24 | 2,079,131.76 | 1,708,088.12 |
| Perfumery | | | | | 91,807.11 | 86,899.09 |
| Pitch and tar | | | | | 180,346.64 | 320,142.01 |
| Plumbago | | | | | 19,156.39 | 64,792.76 |
| Precious stones | | | | | 3,215,415.62 | 4,909,791.22 |
| Preserves, pickles, etc | | | | | 526,538.51 | 615,102.80 |
| Provisions, cheese, bacon, etc | | | | | 210,550.42 | 128,641.32 |
| Quicksilver | | | | | 82,987.36 | 338,323.91 |
| Rice | | | | | 360,263.34 | 486,659.46 |
| Rope | | | | | 58,713.82 | 89,262.06 |
| Rubber, raw | | | | | 2,764,640.53 | 3,164,354.82 |
| Rubber—clothing and manufactures | | | | | 101,079.38 | 111,806.45 |
| Saddlery | | | | | 264,054.91 | 265,584.38 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Sheffield. | Southampton. | Swansea. | Tunstall. | Total, 1892. | Tot |
|---|---|---|---|---|---|---|
| Salt | | | | | $556,343.92 | $6 |
| Sausage casings | | | | | 125,584.79 | 1 |
| Scientific and optical instruments | $308.47 | | | | 108,943.29 | 1 |
| Seeds, plants, etc | | $416.19 | | | 444,982.64 | 6 |
| Shellac | | | | | 274,940.79 | 2 |
| Shells | 25,043.60 | | | | 941,477.16 | 8 |
| Silks | 778.51 | | | | 1,191,478.39 | 1,1 |
| Soaps | | | | | 258,524.67 | 2 |
| Skins, furs, etc | 86,517.81 | 47,252.00 | $39,546.22 | $823.71 | 9,693,229.67 | 6,9 |
| Spices | | | | | 595,916.61 | 5 |
| Sponges | | | | | 81,609.96 | |
| Stationery | | | | | 334,268.61 | 4 |
| Sticks and canes | | | | | 81,829.58 | |
| Straw plait and braids | | | | | 701,573.76 | 5 |
| Straw manufactures | | | | | 96,335.21 | |
| Stuff goods | | | | | 4,963,943.13 | 4,6 |
| Stone, marble, granite, etc | 761.06 | | 6,466.67 | | 521,509.60 | 4 |
| Sugar | | | | | 608,256.30 | 2 |
| Tea | | | | | 636,473.62 | 1,1 |
| Thread | | | | | 562,178.97 | 6 |
| Tin | | | 4,078.49 | | 3,888,618.47 | 1,0 |
| Tinplates | | | 7,421,795.62 | | 18,499,421.74 | 26,6 |
| Tobacco and cigarettes | | | | | 121,357.79 | 1 |
| Unions | | | | | 535,351.02 | 6 |
| Wearing apparel | | 204.12 | | | 214,904.90 | 1 |
| Wines and spirits | 1,312.66 | | | | 502,233.45 | 4 |
| Woods | | | | | 492,023.11 | 2 |
| Wool and camel and goat hair | | | | | 8,681,393.38 | 7,6 |
| Woolen and worsted goods | | | | | 11,837,499.77 | 9,2 |
| Works of art | 381.23 | | | | 405,361.35 | 2 |
| Yarn | | | | | 1,545,307.63 | 2,4 |
| All other articles | 52,661.54 | 1,551.32 | 14,994.10 | 6,343.22 | 5,379,123.77 | 11,2 |
| Total 1892 | 2,409,793.32 | 52,081.52 | 7,981,301.81 | 3,917,454.03 | 170,577,271.30 | 174,5 |
| Total 1891 | 2,314,339.65 | 68,904.33 | | 3,962,691.96 | 174,554,108.05 | |
| Increase | 95,453.67 | | 7,981,391.81 | | 15,192,751.87 | |
| Decrease | | 16,822.81 | | 45,237.93 | 19,169,588.62 | 3,9 |

*Declared exports for the United States in 1893.*

| Articles. | Quarter ending— | | | | |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| ABERDEEN. | | | | | |
| Animals, breeding | $2,404.80 | | | | $ |
| Butter | | | $720.00 | | |
| Combs | 11,105.54 | $4,471.34 | 6,342.68 | $1,770.64 | 2 |
| Fish, preserved | 206.68 | | 91.60 | | |
| Granite, polished | 97,599.50 | 103,962.24 | 119,421.48 | 107,855.30 | 42 |
| Hides | 6,794.62 | 348.00 | 696.00 | | |
| Herrings | 7,647.50 | 3,398.12 | 678.00 | 13,157.48 | 2 |
| Household effects | 480.00 | | | | |
| Harness, composition | 518.40 | 254.04 | 414.72 | | |
| Iron sand | 1,151.40 | 1,003.20 | 2,280.00 | 1,413.60 | |
| Linens | 13,847.64 | 10,065.00 | 4,778.16 | 5,651.60 | 3 |
| Minnows, phantom | | 115.36 | | | |
| Paper | 16,539.26 | 11,085.72 | 9,254.56 | 13,090.76 | 4 |
| Photographic goods | 495.52 | 348.96 | 205.28 | | |
| Potatoes | | | 1,588.64 | | |
| Provisions, preserved | | 200.40 | | | |
| Seeds | 115.52 | | | | |
| Whisky | 1,065.38 | 987.78 | 996.12 | | |
| Woolen goods | 6,825.88 | 3,720.54 | 5,790.16 | 14,153.54 | 3 |
| Total | 166,797.64 | 139,960.70 | 153,257.40 | 157,092.92 | 61 |
| Total for preceding year | 127,063.04 | 123,718.06 | 132,719.06 | 156,134.86 | 5 |
| Increase | 39,734.60 | 16,242.64 | 20,538.34 | 958.06 | 7 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| **BELFAST.** | | | | | |
| Animals | | | $72.99 | | $72.99 |
| Cottons | $219,497.04 | $233,232.55 | 161,961.62 | $180,310.84 | 795,002.05 |
| Felt | 3,575.13 | 3,944.19 | 5,645.18 | 4,059.96 | 17,224.46 |
| Flax | 160,860.28 | 183,391.75 | 209,134.63 | 72,879.04 | 626,265.70 |
| Ginger ale | 9,356.46 | 23,870.71 | 55,789.39 | 28,770.17 | 117,786.73 |
| Linens | 1,713,365.97 | 1,936,554.80 | 1,439,421.33 | 1,397,008.44 | 6,486,350.54 |
| Machinery | | | 406.92 | | 406.92 |
| Potatoes | 47,873.96 | 90,929.24 | 25,300.91 | | 164,104.11 |
| Rope | 1,760.32 | | 554.30 | | 2,314.62 |
| Seeds | 4,134.94 | 865.90 | | 2,806.45 | 7,807.29 |
| Stationery | 14,362.75 | 9,071.06 | 7,682.52 | 15,282.26 | 46,398.59 |
| Thread | 42,786.41 | 34,966.44 | 39,401.08 | 25,105.97 | 142,259.90 |
| Unions | 84,632.05 | 100,772.68 | 84,326.28 | 88,003.98 | 357,734.99 |
| Whisky | 7,802.48 | 3,804.18 | 3,676.39 | 6,201.92 | 21,484.97 |
| Sundries | 10,086.81 | 2,924.37 | 2,423.31 | 5,713.04 | 21,147.53 |
| Total | 2,320,094.60 | 2,624,327.87 | 2,035,796.85 | 1,826,142.07 | 8,806,361.39 |
| Total for preceding year | 1,961,737.80 | 2,199,030.72 | 1,933,104.88 | 2,682,897.45 | 8,776,770.85 |
| Increase | 358,356.80 | 425,297.15 | 102,691.97 | | 29,590.54 |
| Decrease | | | | 856,755.38 | |
| **BIRMINGHAM AND AGENCIES.** | | | | | |
| Anvils | 25,871.65 | 17,798.86 | 25,041.34 | 4,435.92 | 73,147.77 |
| Bedsteads | 78,781.72 | 78,485.36 | 69,044.23 | 51,571.35 | 277,882.66 |
| Buttons | 22,122.98 | 9,335.45 | 6,950.17 | 2,049.21 | 40,457.81 |
| Breeding animals | 6,138.23 | | 8,947.79 | | 15,086.02 |
| Chain | 4,014.51 | 4,132.22 | 3,025.13 | 5,631.87 | 16,803.72 |
| Chemicals | 38,023.10 | 40,377.23 | 39,916.39 | 31,532.44 | 149,849.16 |
| Cotton goods | 5,136.35 | 7,058.76 | 8,005.46 | 2,944.78 | 23,145.35 |
| Cycles and cycle materials | 114,107.56 | 244,483.97 | 226,406.76 | 28,249.44 | 613,247.73 |
| Earthenware | 23,170.48 | 1,631.27 | 7,445.41 | 13,783.21 | 46,030.37 |
| Fancy goods and jewelry | 74,338.28 | 66,460.28 | 76,390.45 | 46,006.00 | 263,195.01 |
| Glass | 26,685.45 | 28,813.02 | 26,045.31 | 16,024.00 | 97,567.78 |
| Guns and gun materials | 20,001.93 | 15,282.84 | 22,215.94 | 24,529.40 | 82,030.11 |
| Glue | 5,570.44 | 3,612.40 | 1,782.48 | 2,862.34 | 13,827.66 |
| Hardware | 59,463.76 | 61,699.46 | 58,205.10 | 37,519.92 | 216,888.24 |
| Hoes | 709.65 | 790.30 | 361.95 | | 1,861.90 |
| Metal for sheathing | 10,888.35 | 11,739.65 | 5,110.22 | 7,079.88 | 34,818.10 |
| Pens and tips | 41,438.59 | 38,718.98 | 36,012.75 | 33,975.80 | 150,146.12 |
| Phosphorus | 11,145.41 | 13,755.08 | 9,595.92 | 3,316.43 | 37,812.84 |
| Saddlery | 43,321.94 | 62,752.14 | 77,838.04 | 36,522.46 | 220,434.58 |
| Shells | 14,853.37 | 6,240.94 | | 3,128.70 | 24,223.01 |
| Skins | 3,408.01 | 5,642.02 | | 4,991.57 | 14,041.60 |
| Steel and iron | 135,369.56 | 112,447.55 | 72,257.60 | 19,934.70 | 340,009.41 |
| Webs | 1,768.37 | 4,478.67 | 3,925.62 | 2,150.99 | 12,323.65 |
| Sundries | 6,880.12 | 10,887.32 | 3,862.00 | 4,781.04 | 26,410.48 |
| Total for Birmingham | 773,209.81 | 846,623.77 | 788,386.05 | 383,021.45 | 2,791,241.08 |
| *Agencies.* | | | | | |
| Redditch | 135,812.35 | 118,880.85 | 86,861.32 | 67,014.88 | 408,569.40 |
| Kidderminster | 163,260.24 | 131,325.80 | 111,500.07 | 107,874.79 | 513,960.90 |
| Wolverhampton | 47,037.13 | 48,716.61 | 50,520.19 | 36,318.72 | 182,592.65 |
| Total for Birmingham and agencies | 1,119,319.53 | 1,145,447.03 | 1,037,267.63 | 594,229.84 | 3,896,364.03 |
| Total preceding year | 953,352.91 | 1,078,694.57 | 1,154,143.77 | 957,999.92 | 4,144,191.17 |
| Increase | 165,966.62 | 66,852.46 | | | |
| Decrease | | | 116,876.14 | 363,770.08 | 247,827.14 |
| **BRADFORD.** | | | | | |
| Animals | | | 5,213.25 | | 5,213.25 |
| Alpaca | 17,066.02 | | | | 17,066.02 |
| Card clothing | 21,902.52 | 31,870.83 | 24,617.10 | 11,839.38 | 89,789.83 |
| Carpets and rugs | 15,586.05 | 32,795.77 | 20,539.59 | 28,191.75 | 97,113.07 |
| Chemicals | 692.35 | 478.35 | 1,741.55 | 34.88 | 2,947.13 |
| Cotton | 10,703.56 | 1,174.26 | | | 11,877.82 |
| Cotton goods | 158,012.66 | 340,486.14 | 288,413.90 | 108,681.43 | 895,594.13 |
| Cow and calf hair | 16,826.07 | 13,149.24 | 7,440.00 | 5,262.30 | 42,677.61 |
| Dyestuffs | 521.93 | | 493.73 | 313.15 | 1,328.81 |
| Grease, etc | 77.75 | 5,283.10 | 664.83 | 22.83 | 6,048.51 |
| Hair cloths | 3,141.05 | 9,443.18 | 5,869.60 | 1,873.05 | 20,326.88 |
| Herbs, roots, etc | 37.31 | 38.50 | | | 75.81 |
| Iron, steel, etc | 45,938.95 | 61,508.90 | 74,472.98 | 50,326.35 | 232,247.18 |
| Leather | 9,162.12 | 8,752.89 | 7,603.05 | 4,097.30 | 29,615.36 |
| Machinery | 78,184.55 | 62,085.32 | 50,568.35 | 17,244.20 | 208,082.42 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
|---|---|---|---|---|---|
| BRADFORD—continued. | | | | | |
| Miscellaneous | $373.90 | $519.98 | $712.70 | $343.80 | |
| Mohair goat's hair | 12,860.88 | 22,742.17 | 7,932.82 | 16,548.50 | |
| Noils | | | 127.62 | 178.40 | |
| Oil cake | 3,201.18 | 506.01 | 4,879.30 | | |
| Paper | 2,004.95 | 1,595.40 | 428.90 | 540.05 | |
| Rags | 3,297.33 | 2,717.65 | 2,460.40 | 3,154.23 | |
| Reeds and healds | | 53.17 | 521.12 | | |
| Shawls, etc | 126.53 | | | | |
| Silk goods | 52,256.37 | 61,536.57 | 44,816.50 | 37,754.55 | 1 |
| Silk waste | 1,420.32 | 61.07 | 445.30 | 286.98 | |
| Stuff goods | 1,218,658.89 | 1,263,808.64 | 1,095,112.55 | 701,125.40 | 4,2 |
| Tape, braid, etc | 1,619.85 | 435.40 | 1,158.30 | 606.60 | |
| Tapestry, damasks, etc | 2,205.83 | 18.87 | 1,764.80 | 9,600.60 | |
| Wines and spirits | | 44.77 | 128.10 | | |
| Wool | 198,274.98 | 295,972.60 | 145,087.98 | 81,778.85 | 7 |
| Woolen goods | 30,632.65 | 29,172.95 | 28,186.37 | 19,512.45 | 1 |
| Worsted coatings | 1,552,010.68 | 1,516,924.97 | 1,084,407.30 | 595,989.77 | 4,7 |
| Yarns, silk | 75,319.55 | 107,876.45 | 119,680.10 | 38,265.65 | 3 |
| Worsted and mohair | 57,765.29 | 50,424.75 | 40,336.75 | 28,789.70 | 1 |
| Other | 7,772.03 | 5,243.90 | 11,650.10 | 12,589.05 | |
| Total | 3,597,714.10 | 3,926,216.80 | 3,077,474.35 | 1,774,941.20 | 12,3 |
| Total for preceding year | 2,911,408.52 | 3,015,158.38 | 2,999,549.13 | 3,980,667.19 | 12,9 |
| BRISTOL. | | | | | |
| Bath bricks | 2,057.12 | 2,240.49 | | 1,142.54 | |
| Books | 1,969.76 | 4,700.05 | 1,681.49 | 2,073.12 | |
| Blue | | | | 1,571.85 | |
| Bulbs and seeds | 2,783.12 | 1,066.42 | | 670.85 | |
| Chemicals | 9,647.18 | 16,067.07 | 8,358.37 | 7,506.41 | |
| Colors | 536.20 | 162.80 | 325.60 | | |
| Chocolate and cocoa | 10,239.19 | 11,113.26 | 8,406.65 | 3,543.85 | |
| Earth | 1,282.97 | 2,109.33 | 1,660.83 | 1,845.11 | |
| Elastic goods | | 1,817.84 | | 2,915.56 | |
| Glue | 4,863.20 | 4,978.90 | 2,417.14 | 535.42 | |
| Matting and rope | 1,188.28 | 3,641.33 | 981.03 | 3,278.45 | |
| Machinery | 7,428.64 | | | 572.52 | |
| Potatoes | 7,280.51 | 23,962.62 | 12,606.40 | | |
| Pickles | | | | 19,024.36 | |
| Red and iron oxide | 4,286.92 | 3,893.36 | 3,353.17 | 6,057.92 | |
| Serges and woolen | 21,494.18 | 28,521.36 | 18,240.03 | 32,301.63 | 1 |
| Salted roans | 21,857.00 | 17,798.36 | 28,048.65 | | |
| Sausage casings | | 610.21 | | 2,667.60 | |
| Tin plates | | 2,246.43 | | | |
| Wines and spirits | 12,119.45 | 4,037.63 | 776.40 | 278.93 | |
| Miscellaneous | 6,016.26 | 5,546.91 | 7,206.49 | 1,390.68 | |
| Total | 115,049.98 | 132,514.37 | 94,002.15 | 69,376.80 | 4 |
| Total for preceding year | 103,218.24 | 92,084.07 | 121,512.90 | 171,299.28 | 4 |
| Increase | 11,831.74 | 40,430.30 | | | |
| Decrease | | | 27,450.75 | 1,922.48 | |
| CORK. | | | | | |
| Calfskins | 476.51 | | | | |
| Cotton crochet goods | 176.65 | | 807.35 | | |
| Dog | 24.33 | | | | |
| Drawings | 486.65 | | | | |
| Feathers | 7,830.33 | 2,633.50 | 3,988.07 | 4,663.18 | |
| Flower bulbs | | | | 1,359.37 | |
| Furniture | 126.53 | | | | |
| Herrings | | | | 226.29 | |
| Horse | | | 146.00 | | |
| Irish terriers | | | 486.65 | | |
| Limestone | 316.32 | | | | |
| Limestone cross | | 291.02 | | | |
| Mackerel | 46,236.42 | 14,442.96 | 12,864.39 | 50,089.05 | 1 |
| Magnesia | 2,539.42 | 896.04 | 892.25 | 434.09 | |
| Marble | 413.65 | 737.02 | 9,147.00 | | |
| Potatoes | 1,946.61 | | | | |
| Sausage casings | | | 195.57 | | |
| Side car | | | | 184.93 | |
| Whisky | 9,073.52 | 505.87 | 293.53 | 1,647.58 | |
| Wrought stone | | | | 710.50 | |
| Total | 69,646.94 | 19,506.41 | 28,820.81 | 59,314.99 | 1 |
| Total for preceding year | 27,768.21 | 15,097.43 | 18,897.98 | 41,931.09 | 1 |
| Increase | 41,878.73 | 4,408.98 | 9,922.83 | 17,383.90 | |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| **DUBLIN.** | | | | | |
| Ale, beer, stout, etc | $159,217.34 | $181,068.12 | $228,938.69 | $155,391.89 | $734,615.54 |
| Animals | | 146.00 | | | 146.00 |
| Bagging and bags | 647.77 | 421.31 | | 503.71 | 1,572.79 |
| Books | 423.20 | 81.03 | 468.39 | 686.42 | 1,659.04 |
| Carriages | | | 589.70 | 605.39 | 1,195.09 |
| Crystal barley | | | | 32.24 | 32.24 |
| Drugs | | | | 114.85 | 114.85 |
| Feathers | 11,383.48 | 8,999.53 | 4,189.95 | 3,300.04 | 27,873.00 |
| Fertilizers | 20,603.46 | | | | 20,603.46 |
| Gin | | | 196.91 | 119.33 | 316.24 |
| Glue | 5,035.89 | 7,566.67 | 7,128.94 | | 19,731.50 |
| Hosiery | 102.99 | 3,896.68 | 534.16 | 705.64 | 5,239.47 |
| Household effects | | | | 291.99 | 291.99 |
| Leather book bindings | | | 637.15 | | 637.15 |
| Miscellaneous goods | 594.87 | 427.77 | 23,142.07 | 22,784.13 | 46,948.84 |
| Moss | | | | 975.95 | 975.95 |
| Oatmeal | 13,917.44 | 4,749.48 | 3,281.01 | 6,495.86 | 28,443.79 |
| Personal effects | 627.78 | 166.68 | | | 794.46 |
| Poplins | | 118.80 | | | 118.80 |
| Portland cement | | | 1,738.23 | | 1,738.23 |
| Rags | 3,545.32 | 3,927.72 | 3,438.71 | | 15,906.75 |
| Roasted maize | 607.10 | 588.85 | 650.89 | 152.07 | 1,998.91 |
| Sausage casings | | | 1,277.45 | 1,855.60 | 3,133.05 |
| Skins | 13,660.43 | 5,767.35 | 4,027.52 | | 23,455.30 |
| Telescope | | 9,538.34 | | | 9,538.34 |
| Waste paper | | | | 1,495.38 | 1,495.38 |
| Whisky | | | 2,158.21 | 3,572.59 | 5,730.80 |
| Wines, etc | 14,213.30 | 20,128.82 | 4,872.22 | 4,223.99 | 43,438.33 |
| Woolen goods | 6,176.51 | 9,181.26 | 15,351.32 | 2,592.07 | 33,301.16 |
| Total | 250,756.88 | 271,774.41 | 302,616.52 | 205,898.64 | 1,031,046.45 |
| Total for preceding year | 342,016.17 | 202,183.02 | 217,976.80 | 343,798.51 | 1,105,974.50 |
| Increase | | 69,591.39 | 84,639.72 | | |
| Decrease | 91,259.29 | | | 137,899.87 | 74,928.05 |
| **DUNDEE.** | | | | | |
| Bags, jute | 3,298.35 | 2,601.96 | 1,175.28 | 2,326.02 | 9,401.63 |
| Bagging, jute | 34,649.14 | 9,128.66 | 17,754.27 | 42,542.72 | 104,074.79 |
| Burlaps | 1,336,131.65 | 1,542,205.88 | 1,433,977.85 | 760,821.86 | 5,073,137.24 |
| Carpeting, jute | 9,247.44 | 16,319.46 | 10,865.01 | 19,823.69 | 56,255.60 |
| Cottons | 1,675.27 | 19,506.29 | 426.71 | 1,725.75 | 23,334.02 |
| Duck sail, flax | 2,393.19 | 2,477.75 | 2,195.83 | 3,829.34 | 10,896.11 |
| Effects, personal | | 1,965.45 | 311.46 | 1,543.08 | 3,819.99 |
| Flax | 3,218.84 | 232.74 | 9,629.54 | 1,970.65 | 15,051.77 |
| Gauge glasses | 4,217.31 | 3,864.35 | 4,326.48 | 3,712.15 | 16,120.29 |
| Gelatine | 10,463.60 | | | | 10,463.60 |
| Hemp | | 2,614.78 | | | 2,614.78 |
| Herrings | 729.96 | | | 1,995.27 | 2,725.25 |
| Hose, canvas, flax | 2,352.68 | 2,489.95 | 1,555.25 | 819.95 | 7,217.83 |
| Jute | | 48,414.20 | | | 48,414.20 |
| Leather, seal | 20,895.58 | 30,989.81 | 29,487.75 | 9,897.53 | 91,270.67 |
| Linens | 557,885.73 | 553,935.54 | 435,264.75 | 344,950.88 | 1,891,536.90 |
| Machinery | 12,811.71 | 153.54 | 2,929.47 | 513.62 | 16,408.34 |
| Matting | 3,454.79 | 52.70 | 8,354.99 | 1,082.84 | 12,945.32 |
| Oakum | 7,562.77 | 2,022.33 | 2,819.52 | 480.34 | 12,384.96 |
| Paddings | | 45,136.95 | 38,905.77 | 23,418.71 | 107,461.43 |
| Paperstock | 69,773.74 | 53,999.92 | 35,597.44 | 25,632.10 | 185,003.20 |
| Pig iron | | 4,341.83 | | 3,415.80 | 7,757.63 |
| Potatoes | 47,468.94 | 445,587.00 | 174,460.31 | | 667,516.25 |
| Preserves, marmalade | 8,883.19 | 4,002.03 | 1,334.01 | 6,666.11 | 20,885.34 |
| Tow | 2,440.99 | 24,106.53 | 2,096.90 | 163.56 | 28,807.98 |
| Whisky | 4,523.02 | 603.26 | 1,288.58 | 123.89 | 6,538.75 |
| Wool | 54,495.09 | 3,376.50 | 21,927.49 | 36,636.95 | 116,436.03 |
| Woolens | | 2,482.42 | | | 2,482.42 |
| Yarn | 63,810.54 | 45,322.26 | 58,971.90 | 48,929.81 | 217,034.51 |
| Sundries | 2,005.70 | 4,969.36 | | 203.42 | 7,178.48 |
| Total | 2,263,889.24 | 2,872,903.47 | 2,295,156.56 | 1,343,226.04 | 8,775,175.31 |
| Total for preceding year | 2,433,418.50 | 2,336,935.42 | 1,976,943.88 | 2,154,280.38 | 8,901,578.18 |
| Increase | | 535,968.05 | 318,212.68 | | |
| Decrease | 169,529.26 | | | 811,054.34 | 126,402.87 |
| **DUNFERMLINE.** | | | | | |
| Canvas | 1,545.92 | 3,062.98 | 3,948.13 | | 8,656.13 |
| Cotton | 27,851.59 | 36,313.77 | 26,829.56 | 21,093.56 | 112,088.48 |
| Floor cloth | 2,528.10 | 3,370.67 | 1,131.22 | 3,242.00 | 15,271.99 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| DUNFERMLINE—continued. | | | | | |
| Linoleum | $26,459.32 | $22,594.04 | $10,944.46 | $23,865.45 | $83,863.27 |
| Linen | 537,716.09 | 570,238.22 | 420,398.71 | 387,319.89 | 1,915,672.91 |
| Miscellaneous | 867.04 | 166.84 | 727.53 | 797.72 | 2,559.13 |
| Total | 596,968.06 | 640,745.62 | 463,979.61 | 436,218.62 | 2,138,011.91 |
| Total for preceding year | 528,518.25 | 531,829.41 | 408,236.08 | 645,791.67 | 2,114,373.41 |
| Increase | 68,451.81 | 108,916.21 | 55,743.53 | | 23,638.50 |
| Decrease | | | | 209,473.05 | |
| FALMOUTH. | | | | | |
| Arsenic | 7,064.70 | 20,133.27 | 4,244.06 | 3,533.98 | 34,976.01 |
| China clay | 87,141.21 | 60,135.10 | 56,285.76 | 48,040.84 | 196,602.91 |
| Fowls | | 262.79 | | | 262.79 |
| Household effects | 48.66 | | | | 48.66 |
| Pilchards | 608.31 | | | 838.49 | 1,446.80 |
| Total | 44,862.88 | 80,531.16 | 60,529.82 | 47,413.31 | 233,337.17 |
| Total for previous year | 28,675.34 | 80,012.90 | 40,331.55 | 51,090.05 | 200,109.84 |
| Increase | 16,187.54 | 518.26 | 20,198.27 | | 33,227.33 |
| Decrease | | | | 3,676.74 | |
| GLASGOW. | | | | | |
| Beer | 1,474.52 | 1,186.58 | 1,816.39 | 9,120.93 | 13,598.42 |
| Books | 21,342.40 | 25,815.77 | 31,935.56 | 40,932.98 | 120,026.71 |
| Cotton in bale | | 23,847.55 | 78,386.92 | | 102,234.47 |
| Cotton goods | 526,143.44 | 444,165.99 | 172,052.21 | 166,168.16 | 1,308,529.80 |
| Carpets, carpeting, and rugs | 17,466.52 | 46,993.83 | 13,623.71 | 26,800.34 | 104,884.40 |
| Chemicals | 87,617.06 | 118,463.40 | 76,964.72 | 41,195.22 | 324,240.40 |
| Coals | 30,503.26 | 12,091.99 | 26,893.79 | 27,871.18 | 97,360.22 |
| Dogs | | 105.00 | | 175.13 | 280.13 |
| Earthenware | 895.30 | 1,227.04 | 829.05 | 236.59 | 3,187.98 |
| Fire-clay goods | 10,201.91 | 7,297.87 | 10,432.14 | 5,622.04 | 33,553.96 |
| Fishing gut | 16,245.60 | 4,961.76 | 2,659.46 | 10,550.34 | 34,417.16 |
| Flax | 117,071.43 | 106,976.48 | 48,753.95 | 78,546.36 | 351,348.22 |
| Furs | 8,585.32 | 19,752.27 | 12,913.60 | 325.28 | 41,576.47 |
| Gum and paints | 4,903.38 | 2,944.80 | 4,764.48 | | 12,612.66 |
| Glass and glassware | 3,007.49 | 1,960.60 | 2,601.03 | 1,491.12 | 9,060.24 |
| Granite monuments | | | 281.64 | | 281.64 |
| Hats and caps | 9,045.58 | 82.79 | 5,030.79 | 4,210.12 | 18,369.28 |
| Hemp and jute goods | 2,278.20 | 1,924.50 | 1,021.01 | | 5,223.71 |
| Herrings | 34,924.60 | 15,211.23 | 5,935.24 | 85,064.85 | 141,135.92 |
| Hides and skins | 28,938.85 | 16,132.99 | 18,951.16 | 8,879.12 | 72,902.12 |
| Horses | | | 13,700.00 | | 13,700.00 |
| Iron: | | | | | |
| Pig | 9,266.23 | 14,669.33 | 12,758.30 | 8,012.04 | 44,705.90 |
| Scrap | | | 443.10 | | 443.10 |
| Lace curtains and nets | 72,083.54 | 69,724.46 | 26,829.29 | 54,992.26 | 223,629.55 |
| Laces and trimmings | 3,478.58 | 839.29 | 4,280.10 | 10,919.22 | 19,517.19 |
| Linen goods | 20,225.46 | 30,926.50 | 10,580.75 | 8,026.25 | 69,758.96 |
| Machinery and iron ware | 38,526.48 | 25,576.74 | 117,238.84 | 23,663.40 | 205,004.96 |
| Muslins | 123,596.05 | 150,506.39 | 34,495.15 | 42,146.14 | 350,743.73 |
| Paper and paper stock | 16,062.94 | 18,310.75 | 16,363.36 | 9,437.78 | 60,174.83 |
| Paper hangings | 1,566.90 | 2,722.06 | 1,509.11 | | 5,798.07 |
| Printed paper | 11,298.06 | 7,160.95 | 1,803.93 | 2,467.60 | 22,730.54 |
| Ponies | 140.00 | | | | 140.00 |
| Potatoes, seeds and fruits | 31,193.95 | 214,137.65 | 142,999.54 | 986.06 | 389,317.80 |
| Provisions and sugar | 44,507.00 | 62,604.51 | 52,485.98 | 25,141.55 | 184,739.04 |
| Rags (old and new) | 30,677.89 | 29,353.67 | 11,161.01 | 1,289.81 | 72,482.38 |
| Shawls | | 118.42 | 1,432.61 | 1,068.37 | 2,619.40 |
| Silk goods | 31,682.16 | 23,999.33 | 17,214.32 | 2,456.74 | 75,353.05 |
| Steel | 89,561.92 | 79,140.83 | 30,121.90 | 1,398.58 | 200,223.23 |
| Steel rails (old) | | | | 1,202.18 | 1,202.18 |
| Stone and stoneware | 7,841.29 | 2,098.10 | 5,596.86 | 1,739.75 | 16,776.00 |
| Tapestry and chenille goods | 385.85 | 2,791.49 | 522.79 | 630.30 | 4,330.43 |
| Tobacco pipes (clay) | 8,227.21 | 5,508.36 | 6,918.58 | 6,149.30 | 26,803.45 |
| Thread | 126,048.40 | 80,916.43 | 89,557.02 | 78,993.56 | 375,515.41 |
| Union goods (cotton and woolen) | 40,932.47 | 65,924.84 | 13,930.25 | 29,542.66 | 150,330.22 |
| Whisky | 19,860.40 | 7,957.02 | 8,808.56 | 9,795.86 | 46,421.84 |
| Wines and liquors | 808.58 | 1,063.71 | 1,276.09 | 271.11 | 3,419.49 |
| Wire goods | 223.08 | | 383.28 | | 606.36 |
| Wool | 158,000.14 | 140,998.12 | 1,811.41 | 29,720.86 | 330,530.53 |
| Woolen goods | 8,912.04 | 14,442.87 | 2,412.39 | 13,218.46 | 38,985.76 |
| Miscellaneous | 34,147.81 | 100,215.06 | 28,757.83 | 24,183.50 | 187,304.20 |
| Total | 1,849,399.29 | 2,002,849.32 | 1,171,245.20 | 894,643.72 | 5,918,137.53 |
| Total for preceding year | 1,708,604.43 | 1,341,702.40 | 1,169,719.56 | 1,579,377.36 | 5,799,403.75 |
| Increase | 140,794.86 | 661,146.92 | 1,525.04 | | 118,733.78 |
| Decrease | | | | 684,733.64 | |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| **HUDDERSFIELD.** | | | | | |
| Boots, etc | | | | $225.45 | $225.45 |
| Bricks and clay | $8,802.69 | $5.64 | $2,275.94 | 404.74 | 11,489.01 |
| Cards and card clothing | 15,130.49 | 12,507.22 | 19,969.85 | 14,091.33 | 62,698.89 |
| Chemicals and dyes | 42,567.50 | 34,001.81 | 29,196.45 | 28,355.17 | 134,120.93 |
| Cordaroys and fustians | 3,265.12 | 2,565.01 | 777.80 | 1,351.49 | 7,959.42 |
| Cottons and cotton waste | 4,976.12 | 4,877.33 | 3,987.21 | 2,409.76 | 16,250.42 |
| Cotton yarn | | | 51.42 | | 51.42 |
| Cotton velvets and velveteens | 1,416.97 | 3,677.72 | 4,352.44 | | 9,447.13 |
| Cotton, sewing | 31,483.66 | 31,481.79 | 19,623.67 | 21,820.96 | 104,410.08 |
| Fullers' earth | 2,202.58 | 3,632.52 | 6,157.09 | 5,931.79 | 17,926.98 |
| Furniture, china, and glass | 176.89 | | | | 176.89 |
| Glue | 438.71 | 642.22 | 976.62 | 802.99 | 2,860.54 |
| Grease and oil | 24,425.17 | 15,324.95 | 14,963.47 | | 54,713.59 |
| Hessian | 81.57 | | | | 81.57 |
| Hosiery cuttings | 1,472.36 | 1,667.89 | | | 3,140.25 |
| Jute yarns and jute mats | 767.74 | 757.67 | 906.02 | 888.94 | 3,320.37 |
| Linens and linen yarn | 8,687.83 | 9,647.84 | 5,663.19 | 4,453.01 | 28,451.87 |
| Linens and cotton | 3,278.74 | 3,456.53 | 1,498.83 | 844.30 | 9,078.40 |
| Linens, cotton, and silk | 54.36 | 314.98 | | | 369.34 |
| Mohair | | | 434.37 | | 434.37 |
| Mohair, cotton, and camel hair | | 138.21 | 1,181.34 | | 1,319.55 |
| Mohair, wool, and cotton | | 80.40 | 1,127.24 | | 1,207.64 |
| Mohair, worsted, and cotton | | | 123.92 | 732.13 | 856.05 |
| Machinery | 8,458.54 | 1,957.33 | 8,112.26 | 3,131.89 | 21,660.02 |
| Musical instruments | 319.48 | | | | 319.48 |
| Rugs, shawls, and blankets | 166.59 | 154.07 | 197.83 | 279.73 | 798.22 |
| Silk, satin, and silk yarn | 4,847.86 | 3,511.34 | 3,035.47 | 3,196.26 | 14,590.93 |
| Silk and cotton | 78.47 | 341.51 | 522.06 | 163.36 | 1,105.40 |
| Sateens | | | 135.17 | | 135.17 |
| Stationery | 188.25 | 174.54 | 84.15 | 376.74 | 823.68 |
| Stuffs | 1,719.89 | 4,312.04 | 3,572.62 | 592.65 | 10,197.20 |
| Wire | 952.86 | 3,409.23 | 4,044.88 | 2,448.97 | 10,855.94 |
| Wool | 16,566.30 | 22,118.67 | 47,574.10 | 253.16 | 86,512.23 |
| Woolen rags | 6,292.89 | 11,999.13 | 9,967.70 | 6,551.69 | 34,811.41 |
| Woolens | 112,627.75 | 129,827.03 | 159,530.75 | 132,593.32 | 534,578.85 |
| Woolens and cottons | 985.91 | 1,167.04 | 563.35 | | 2,716.30 |
| Woolens, mohair, and camel hair | 1,242.96 | 102.46 | 2,381.19 | 82.76 | 3,859.37 |
| Woolens, cotton, and silk | | | | 96.75 | 96.75 |
| Worsteds | 560,793.73 | 603,257.47 | 422,413.37 | 390,335.19 | 1,976,799.76 |
| Worsteds and silks | 1,328.05 | 840.26 | 203.23 | 697.15 | 3,068.69 |
| Worsted and cotton | 1,324.02 | 994.98 | 694.26 | 63.88 | 3,077.14 |
| Worsted, cotton, and silk | 1,690.09 | 1,700.01 | 1,275.05 | 3,183.80 | 7,938.95 |
| Worsteds and woolens | 162.84 | | 548.70 | 2,305.69 | 3,017.23 |
| Wines, whiskies, beer, and tea | 91.40 | | 18.49 | | 109.89 |
| Total | 869,066.38 | 911,789.84 | 778,141.50 | 628,665.05 | 3,187,662.77 |
| **HULL.** | | | | | |
| Alum | 398.52 | | 891.53 | 196.07 | 98.12 |
| Bag cuttings | 206.78 | | 174.83 | 896.45 | 1,278.06 |
| Books | | 346.12 | | | 346.12 |
| Calendars (patent) | 268.99 | | | | 268.99 |
| Cement | | | | 4,532.71 | 4,532.71 |
| Cliffstone | 2,718.41 | 4,909.55 | 2,488.84 | 4,171.41 | 14,188.21 |
| Clover | | 9,889.84 | | | 9,889.84 |
| Coal | 4,339.23 | | 2,163.79 | 2,529.40 | 9,032.42 |
| Coke | | 475.63 | | | 475.63 |
| Colors | 5,695.61 | 15,394.35 | 18,780.11 | 10,261.03 | 50,131.10 |
| Dog biscuits | 96.23 | 202.93 | 96.23 | 192.58 | 587.97 |
| Flax | | | 18,760.12 | 888.88 | 19,649.00 |
| Glue | | | | 3,142.19 | 3,142.19 |
| Hair (camel) | | | 27,535.96 | | 27,535.96 |
| Hair (cattle) | 43,405.05 | 1,455.48 | 1,139.37 | 613.52 | 46,613.42 |
| Hemp and tow | 2,898.69 | 3,130.89 | 1,412.70 | 1,415.87 | 8,858.15 |
| Hide cuttings | | 1,756.42 | | | 1,756.42 |
| Jute goods | 141.49 | | | | 141.49 |
| Lead | | 59.33 | | | 59.33 |
| Leather | 2,356.59 | 716.65 | 3,236.44 | | 6,309.68 |
| Machinery | 951.29 | 489.32 | 2,381.42 | 236.74 | 4,058.77 |
| Oil | 2,495.82 | 2,331.42 | 1,250.69 | 1,252.07 | 7,330.00 |
| Onions | | | 3,856.85 | | 3,856.85 |
| Paints | 1,405.16 | 923.85 | 1,736.60 | 765.54 | 4,831.15 |
| Peas | | | 1,938.08 | | 1,938.08 |
| Pitch | 417.72 | 417.72 | 882.14 | | 1,217.58 |
| Potatoes | 24,583.05 | 27,012.12 | | | 51,595.17 |
| Printed paper | | 155.38 | | | 155.38 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— | | | | T |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| HULL—continued. | | | | | |
| Rags | | $2,111.98 | $1,568.24 | | |
| Rigging | $989.77 | | | | |
| Rope (old manilla) | 5,943.03 | 3,775.48 | 1,772.82 | | |
| Rope (wire) | | 13,374.70 | 287.40 | | |
| Seeds | 122.22 | | | | |
| Skins | 279.90 | | 13,235.73 | $9,043.73 | |
| Steel manufactures | | 11,070.00 | | | |
| Sulphite pulp | 9,183.39 | 10,118.08 | 6,801.79 | 2,312.80 | |
| Washing blue | 1,717.04 | 1,680.76 | 3,839.31 | 3,375.66 | |
| Wood | | 122.39 | 542.73 | 134.68 | |
| Wool | 15,835.13 | | 5,064.95 | | |
| Wool grease | | 3,706.47 | | | |
| Total | 126,449.11 | 115,626.79 | 120,858.66 | 44,961.33 | 4 |
| Total for preceding year | 81,801.67 | 87,963.48 | 72,953.56 | 89,783.00 | 3 |
| Increase | 44,647.44 | 27,663.31 | 47,905.10 | | |
| Decrease | | | | 44,821.67 | |
| LEEDS. | | | | | |
| Chemicals and dyestuffs | 10,853.45 | 12,248.47 | 7,267.19 | 7,469.12 | |
| Confectionery, etc | 3,527.56 | 2,419.71 | 6,440.33 | 2,485.73 | |
| Earthenware and bricks | 33,687.01 | 24,991.86 | 27,462.80 | 29,457.58 | 1 |
| Hair, wool, etc | 79,096.58 | 152,037.73 | 23,058.98 | 7,907.01 | 2 |
| Leather, etc | 7,941.24 | 5,294.02 | 14,895.65 | 6,933.84 | |
| Linens, etc | 1,523.98 | 1,082.86 | 1,770.21 | 1,273.36 | |
| Metals, machinery, etc | 64,683.79 | 44,575.09 | 25,627.78 | 23,508.18 | 1 |
| Orchids, plants, etc | 810.19 | 286.88 | 2,440.89 | 388.96 | |
| Paperhangings | | 484.07 | | | |
| Skins and furs | 28,427.36 | 38,996.93 | 23,224.36 | 4,384.72 | |
| Stationery | 150.44 | | 464.32 | 642.26 | |
| Sundries | 1,686.73 | 1,496.35 | 774.50 | 1,831.95 | |
| Waste spun silk yarn | 3,128.35 | 3,576.88 | 5,109.83 | 3,123.64 | |
| Woolens | 21,979.61 | 32,365.62 | 33,620.07 | 12,722.37 | 1 |
| Woolens, worsteds, etc | 76,847.15 | 31,462.49 | 30,873.87 | 18,662.91 | 1 |
| Worsteds | 89,217.40 | 56,023.29 | 69,834.72 | 56,535.95 | 2 |
| Wrought fullers' earth | 255.25 | | | | |
| Total | 423,316.09 | 417,341.75 | 282,365.50 | 177,327.03 | 1,3 |
| Total for preceding year | 384,902.98 | 376,779.80 | 334,996.24 | 348,599.29 | 1,4 |
| Increase | 38,413.11 | 40,561.95 | | | |
| Decrease | | | 52,629.74 | 171,272.26 | 1 |
| LONDON. | | | | | |
| Animals | 35,020.16 | 84,273.18 | 73,898.29 | 513,992.43 | 7 |
| Antimony | 53,630.16 | 40,713.14 | 44,769.73 | 6,488.10 | 1 |
| Artificial flowers | 36,451.17 | 28,819.41 | 4,065.21 | 14,792.86 | |
| Bags and bagging | 33,560.15 | 16,696.96 | 35,847.55 | 12,562.43 | |
| Beer, ale, and stout | 187,870.15 | 250,094.30 | 189,770.91 | 90,272.87 | 7 |
| Blacking | 3,501.30 | 7,231.62 | 6,140.19 | 3,885.21 | |
| Books | 501,420.17 | 514,418.25 | 571,980.77 | 459,457.58 | 2,0 |
| Bricks and tiles | 9,340.15 | 131.40 | 251.35 | 475.05 | |
| Bristles | 69,180.10 | 72,997.50 | 72,484.93 | 45,349.23 | 2 |
| Brushes, tooth and hair | 15,150.13 | 9,650.27 | 27,608.80 | 16,705.60 | |
| Burlaps | 17,130.17 | 18,341.84 | 6,244.37 | 2,175.79 | |
| Buttons | 2,150.16 | 408.78 | 3,455.07 | 1,813.08 | |
| Card clothing | | | | | |
| Carpets | 24,730.13 | 84,268.31 | 49,849.87 | 25,922.65 | 1 |
| Cement | 303,125.17 | 316,074.31 | 436,104.26 | 219,393.21 | 1,2 |
| Chalk | 10,221.15 | 9,358.28 | 23,327.58 | 16,932.72 | |
| China clay | 2,965.10 | 3,990.53 | 3,082.19 | 6,447.38 | |
| Clocks and watches | 14,016.15 | 74,579.12 | 8,843.28 | 24,486.06 | 1 |
| Coal and coke | 2,800.17 | | | 291.01 | |
| Cocoa and chocolate | 49,615.19 | 127,210.32 | 228,581.14 | 24,845.39 | 4 |
| Coffee | 265,680.91 | 144,880.57 | 43,323.91 | 413,603.60 | 8 |
| Colors, paints, and varnishes | 112,671.50 | 143,298.96 | 118,588.31 | 79,214.82 | 4 |
| Confectionery | 6,670.17 | | 652.78 | | |
| Cotton | | | 318.79 | | |
| Cotton manufactures | 49,340.17 | 104,036.04 | 37,947.85 | 44,078.14 | 2 |
| Cutlery | 10,700.00 | 2,102.33 | 1,157.13 | 833.91 | |
| Cycles | 7,640.16 | 15,178.61 | 6,416.14 | 218.99 | |
| Drugs and chemicals | 634,450.16 | 723,317.63 | 707,717.68 | 382,001.36 | 2,3 |
| Elastic | | | 1,322.10 | 398.44 | |
| Emery | 10,320.17 | 9,475.07 | 8,187.19 | 2,299.79 | |
| Feathers | 169,160.68 | 118,285.15 | 53,204.74 | 71,610.70 | 4 |
| Fish | 9,060.18 | 8,594.24 | 6,720.19 | 7,066.38 | |
| Floor cloths | 19,370.16 | 39,700.91 | 44,461.60 | 31,245.79 | 1 |
| Fruits, nuts, and vegetables | 368,735.15 | 231,100.35 | 69,544.37 | 35,016.41 | 7 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| LONDON—continued. | | | | | |
| Fuller's earth | $16,731.16 | $24,541.76 | $9,770.39 | $10,331.82 | $61,375.13 |
| Furniture | 53,591.15 | 21,422.33 | 24,076.53 | 37,900.95 | 136,990.96 |
| Glass, china, and earthen ware | 31,310.17 | 26,196.37 | 101,530.52 | 33,960.44 | 192,997.50 |
| Gloves, hosiery, etc | 118,391.17 | 156,068.65 | 57,214.04 | 184,438.18 | 516,112.04 |
| Glue and gelatine | 17,830.17 | 29,093.80 | 29,099.55 | 8,996.47 | 76,022.99 |
| Grease | 12,601.15 | 13,241.75 | 7,602.87 | 4,478.96 | 37,924.73 |
| Gums | 104,360.75 | 93,057.21 | 72,564.56 | 26,550.53 | 296,533.05 |
| Hair—cow, calf, etc | 70,175.19 | 77,187.56 | 14,329.55 | 4,521.22 | 166,213.52 |
| Hardware | 9,640.23 | 31,899.91 | 6,115.63 | 7,055.23 | 54,711.00 |
| Hats and caps | 23,015.36 | 64,232.93 | 12,332.12 | 26,662.96 | 126,243.37 |
| Hemp, flax, and tow | 652,120.37 | 407,983.03 | 491,649.32 | 197,527.36 | 1,749,280.08 |
| Indigo | 206,151.65 | 55,847.95 | 21,740.56 | 4,983.33 | 288,723.49 |
| Ivory | 56,051.70 | 36,308.96 | 34,148.96 | 1,646.99 | 128,156.61 |
| Jute | 579.00 | 22,322.63 | 21,125.21 | 2,344.53 | 46,371.37 |
| Lace | 2,450.11 | 6,749.84 | 1,283.82 | 13,298.83 | 23,782.60 |
| Leather | 230,830.16 | 106,795.34 | 85,663.42 | 45,702.09 | 468,991.01 |
| Linens | 14,630.17 | 54,130.08 | 37,425.57 | 33,535.52 | 139,721.34 |
| Linseed | 22,080.19 | 38,518.35 | 32,289.92 | 5,267.13 | 98,155.59 |
| Machinery | 25,150.59 | 10,448.37 | 37,203.14 | 26,394.05 | 99,196.15 |
| Matches | 3,090.16 | 4,783.77 | 10,863.71 | 882.91 | 19,620.55 |
| Metals: | | | | | |
| Iron and steel, and manufactures of | 10,215.16 | 22,127.96 | 24,206.44 | 71,948.15 | 128,497.73 |
| Other | 130,820.17 | 156,730.50 | 147,240.60 | 65,601.66 | 500,392.93 |
| Mustard | 58,470.17 | 60,364.06 | 58,327.97 | 34,051.20 | 211,213.40 |
| Oils | 40,150.82 | 47,307.25 | 100,198.58 | 24,589.68 | 212,246.33 |
| Ores, iron, etc | 3,530.16 | 3,815.34 | 7,038.79 | 4,604.62 | • 18,988.91 |
| Paper and paper hangings | 52,175.16 | 77,971.06 | 55,935.30 | 32,019.66 | 218,101.18 |
| Paper stock | 161,517.45 | 182,605.68 | 144,495.64 | 60,753.74 | 549,372.51 |
| Perfumery | 29,167.30 | 21,883.40 | 21,971.16 | 18,572.95 | 91,094.81 |
| Pitch and tar | 45,160.16 | 35,457.32 | 60,927.80 | 41,908.04 | 183,453.32 |
| Plumbago | 6,270.12 | 3,834.80 | 1,214.72 | ..... | 11,319.64 |
| Precious stones | 503,251.12 | 950,140.33 | 789,451.26 | 393,290.20 | 2,636,132.96 |
| Preserves, pickles, etc | 150,710.16 | 100,960.42 | 114,522.38 | 80,592.28 | 446,785.24 |
| Provisions—cheese, bacon, etc | 27,820.10 | 31,564.12 | 26,446.02 | 15,171.13 | 101,001.37 |
| Quicksilver | 26,520.13 | 16,487.70 | 15,920.94 | 6,326.45 | 65,025.22 |
| Rice | 16,560.15 | 37,462.32 | 91,891.56 | 62,883.18 | 208,797.21 |
| Rope | ..... | 1,902.80 | 181.99 | ..... | 2,084.79 |
| Rubber: | | | | | |
| Raw | 170,120.15 | 208,281.33 | 95,422.74 | 64,443.51 | 538,267.73 |
| Clothing and manufactures of | 10,210.16 | 9,655.14 | 19,291.40 | 12,971.21 | 52,127.91 |
| Saddlery | 21,060.03 | 19,066.95 | 25,538.36 | 20,204.16 | 85,869.50 |
| Salt | 730.15 | ..... | ..... | ..... | 730.15 |
| Sausage casings | 41,736.17 | 40,323.82 | 30,092.88 | 22,217.70 | 134,370.57 |
| Scientific and optical instruments | 28,317.09 | 31,491.12 | 23,652.49 | 21,174.20 | 104,634.90 |
| Seeds, plants, etc | 108,001.61 | 53,696.96 | 35,740.09 | 20,291.16 | 217,729.82 |
| Shellac | 96,330.15 | 52,971.85 | 145,673.60 | 82,543.85 | 377,519.45 |
| Shells | • 182,565.28 | 183,082.60 | 184,277.47 | 49,661.18 | 599,586.53 |
| Silks | 144,625.01 | 187,545.18 | 121,773.03 | 145,929.57 | 599,872.79 |
| Soaps | 62,065.17 | 84,570.04 | 64,653.55 | 46,367.68 | 257,656.44 |
| Skins, furs, etc | 1,383,053.15 | 2,276,504.90 | 2,106,979.65 | 1,287,568.45 | 7,054,706.15 |
| Spices | 88,565.73 | 234,570.17 | 191,788.08 | 60,040.81 | 574,964.79 |
| Sponges | 25,750.00 | 15,942.65 | 27,066.16 | 9,406.84 | 78,165.65 |
| Stationery | 33,750.15 | 25,753.52 | 41,156.50 | 28,068.99 | 128,729.16 |
| Sticks and canes | 29,300.15 | 29,461.79 | 11,957.80 | 17,683.54 | 88,403.28 |
| Straw plait and braids | 300,521.29 | 473,155.20 | 126,891.99 | 160,174.94 | 1,060,743.42 |
| Straw manufactures | 18,385.00 | 43,535.71 | 12,375.21 | 1,803.67 | 76,099.59 |
| Stuff goods | ..... | 218.99 | ..... | ..... | 218.99 |
| Stone—marble, granite, etc | 3,740.56 | 2,287.25 | 8,681.80 | 5,146.73 | 19,856.34 |
| Sugar | 12,085.15 | 3,455.22 | 552.62 | 20,812.70 | 36,905.69 |
| Tea | 102,710.80 | 167,125.34 | 155,484.76 | 82,556.38 | 507,877.28 |
| Thread | ..... | ..... | ..... | ..... | ..... |
| Tin | 901,370.01 | 1,622,773.36 | 2,565,544.51 | 25,281.55 | 5,114,969.43 |
| Tin plates | 55,350.61 | 93,991.58 | 72,026.50 | 162,233.90 | 383,602.59 |
| Tobacco and cigarettes | 16,300.15 | 17,378.27 | 28,408.56 | 29,058.72 | 91,145.70 |
| Unions | 20,920.16 | 28,909.47 | 924.52 | 1,646.38 | 58,490.53 |
| Wearing apparel | 30,561.17 | 40,679.07 | 36,670.81 | 22,305.95 | 130,217.00 |
| Wines and spirits | 85,101.65 | 67,318.29 | 88,122.89 | 44,512.84 | 285,055.67 |
| Woods | 43,421.15 | 127,190.84 | 35,742.34 | 37,640.41 | 243,994.74 |
| Wool and camel and goat hair | 1,051,130.00 | 1,917,868.18 | 596,326.37 | 158,613.59 | 3,723,938.14 |
| Woolen and worsted goods | 357,775.16 | 673,071.01 | 297,995.45 | 638,673.58 | 1,966,515.20 |
| Works of art | 134,850.84 | 106,313.56 | 114,657.89 | 123,087.66 | 478,909.95 |
| Yarn | 1,964.15 | 6,462.71 | 1,522.41 | 628.02 | 10,577.29 |
| All other articles | 763,059.03 | 103,262.26 | 166,546.46 | 276,217.90 | 1,309,685.65 |
| Total | 12,801,482.87 | 15,178,180.38 | 13,077,207.72 | 7,771,637.19 | 48,328,507.66 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| MANCHESTER. | | | | | |
| Buttons | $2,194.70 | $3,368.28 | $1,497.52 | $30.39 | $6,090.81 |
| Card clothing | 25,021.60 | 29,547.80 | 30,718 51 | 25,491.78 | 111,369.69 |
| Carpets and rugs | 36,850.99 | 38,522.40 | 27,395.92 | 35,834.82 | 138,604.13 |
| Cattle hair and other hair | 27,962.40 | 19,796.35 | 48,966.41 | 2,662.88 | 99,408.04 |
| Chemicals | 151,694.47 | 169,026.24 | 219,394.04 | 110,608.16 | 650,722.91 |
| Cotton (raw) | 12,022.95 | 12,187.20 | 13,485.80 | 8,935.94 | 46,631.89 |
| Cotton and worsted and worsted stuffs | 71,911.68 | 64,607.78 | 51,354.25 | 48,780.92 | 236,654.58 |
| Cotton piece goods | 823,897.70 | 974,725.72 | 424,901.11 | 209,955.13 | 2,433,479.66 |
| Cotton velvet, fustians, etc | 327,971.10 | 501,914.05 | 679,883.18 | 493,549.24 | 2,003,317.57 |
| Cotton yarn and thread | 117,528.08 | 117,034.96 | 115,648.04 | 59,554.66 | 409,765.74 |
| Curtains, laces, etc | 127,370.99 | 143,872.64 | 96,757.66 | 45,339.70 | 413,340.99 |
| Damasks, etc | 161,254.92 | 134,080.87 | 115,196.76 | 53,765.33 | 464,297.88 |
| Elastic web and India rubber thread | 32,718.70 | 25,590.60 | 30,534.58 | 21,182.68 | 110,026.56 |
| Felt hats | 7,074.70 | 23,396.39 | 2,690.01 | 17,524.92 | 50,686.02 |
| Handkerchiefs | 161,288.09 | 136,205.34 | 162,180.68 | 158,552.50 | 618,226.61 |
| Hosiery | 21,239.48 | 38,699.06 | 31,258.64 | 55,514.15 | 146,711.33 |
| Iron, steel, etc | 52,473.94 | 47,762.92 | 54,328.35 | 30,382.65 | 184,947.86 |
| Leather and hides | 26,596.98 | 29,864.84 | 38,062.41 | 23,888.13 | 118,412.36 |
| Linens | 140,442.37 | 167,861.79 | 120,125.89 | 66,472.61 | 494,702.66 |
| Machinery | 612,583.68 | 266,246.76 | 491,587.51 | 888,691.09 | 2,059,109.04 |
| Miscellaneous | 32,953.31 | 22,893.04 | 17,455.30 | 21,303.73 | 94,605.38 |
| Paper, paper hangings, etc | 45,938.11 | 58,997.42 | 37,231.40 | 16,799.22 | 158,966.15 |
| Quilts | 22,555.88 | 24,722.52 | 13,219.18 | 19,070.85 | 79,568.43 |
| Rags, paper stock, etc | 215,436.12 | 161,237.79 | 107,805.77 | 77,945.80 | 562,425.48 |
| Shawls, etc | 5,029.72 | 8,939.78 | 24,649.49 | 21,578.32 | 60,197.31 |
| Silk and cotton piece goods | 7,509.44 | 12,731.37 | 10,160.35 | 6,769.64 | 37,170.80 |
| Silk noils and waste | 18,067.81 | 30,831.42 | 56,539.53 | 7,596.30 | 113,035.06 |
| Silk seals, plushes, etc | 9,611.91 | 10,703.42 | 9,170.68 | 9,295.14 | 38,781.15 |
| Silk yarn | 99,189.41 | 82,526.30 | 145,761.99 | 104,135.60 | 431,613.30 |
| Tape, braid, etc | 86,836.67 | 100,394.60 | 127,283.03 | 87,240.39 | 401,763.69 |
| Towels | 68,330.36 | 58,551.22 | 43,029.90 | 30,794.35 | 200,705.83 |
| Waterproof garments | 6,514.03 | 6,526.85 | 14,039.50 | 7,215.99 | 34,296.37 |
| Wool (manufactures of) | 29,006.55 | 26,215.39 | 30,648.63 | 18,751.46 | 104,622.03 |
| Worsted yarn | 892.66 | 2,915.39 | 2,196.95 | 882.01 | 6,887.01 |
| Yarn (other) | 3,831.99 | 3,686.32 | 5,564.52 | 4,600.33 | 17,683.16 |
| Total | 3,592,403.49 | 3,854,984.69 | 3,400,733.49 | 2,290,705.81 | 13,138,827.48 |
| Total for preceding year | 2,879,655.17 | 3,111,591.25 | 2,735,691.25 | 3,552,311.89 | 12,279,249.56 |
| NOTTINGHAM. | | | | | |
| Beer in casks | | 632.76 | | | 632.76 |
| Boot and shoe laces | 2,156.87 | 2,895.39 | 1,090.27 | 1,396.53 | 7,539.06 |
| Braids (Hointon) | 421.43 | | | | 421.43 |
| Brushes | | | | 5.82 | 5.82 |
| Bricks (clinker) | | | | 438.16 | 438.16 |
| Candle wick | 1,537.32 | | | | 1,537.32 |
| Carpets | 151.89 | | 58.39 | | 210.28 |
| China | 6,062.33 | 2,527.56 | 2,763.46 | 7,896.90 | 19,250.25 |
| Clothing | | 5,366.85 | 1,925.84 | | 7,292.69 |
| Colors | 26,338.72 | 29,963.50 | 25,731.74 | 10,402.07 | 92,486.03 |
| Cotton | 51,440.19 | 55,217.69 | 37,201.39 | 24,464.68 | 168,323.95 |
| Cretonia | | 295.92 | | | 295.92 |
| Cycles | 10,757.00 | 35,000.32 | 33,226.39 | 3,884.62 | 82,868.33 |
| Dogs | | | 43.80 | | 43.80 |
| Dyed schappé | | 2,632.57 | | | 2,632.57 |
| Earthenware | 2,187.05 | 2,811.14 | 2,646.23 | 7,732.66 | 15,377.08 |
| Elastic goods | 70,653.08 | 79,793.61 | 70,675.90 | 53,610.19 | 274,733.38 |
| Frillings | 111.19 | 2,650.04 | | | 2,761.23 |
| Gloves | 147.69 | 6,995.51 | 7,553.38 | 528.33 | 15,224.91 |
| Glue | | | 226.64 | | 226.64 |
| Grease | 754.07 | 628.09 | 878.28 | 1,479.32 | 3,739.76 |
| Glass | | 304.15 | | | 304.15 |
| Haberdashery | 4,718.42 | 6,102.34 | 2,464.06 | 1,427.33 | 14,712.65 |
| Handkerchiefs | | | 72.69 | 6,354.36 | 6,427.05 |
| Herbal extracts | | | 470.10 | 191.59 | 661.69 |
| Hardware | | | | 227.81 | 227.81 |
| Horticultural produce | | | 135.16 | | 135.16 |
| Hosiery | 89,804.99 | 163,922.62 | 98,386.52 | 238,032.49 | 590,146.62 |
| Household goods | | | | 728.96 | 728.96 |
| Hop bitter ale | | | | 22.98 | 22.98 |
| Iron chains | | 253.98 | | 81.86 | 335.84 |
| Jacquard cards | | 1,349.42 | 1,277.07 | 1,664.50 | 4,290.99 |
| Lace | 1,163,120.26 | 1,222,377.36 | 616,361.20 | 381,644.04 | 3,383,502.86 |
| Leather | 15,779.48 | 20,121.45 | 15,761.34 | 11,568.33 | 63,230.60 |
| Linen | 52,743.76 | 91,557.56 | 45,613.64 | 59,019.04 | 248,934.00 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| NOTTINGHAM—continued. | | | | | |
| Machinery | $30,099.70 | $26,952.49 | $19,549.22 | $13,937.31 | $90,538.72 |
| Muslins | 31,064.72 | 33,713.24 | 26,503.46 | 6,338.81 | 97,620.25 |
| Oxide of iron | 3,037.35 | 10,419.92 | ..... | 1,161.07 | 14,618.34 |
| Parchment | ..... | 702.83 | 1,259.80 | 1,381.41 | 3,344.04 |
| Patent dyers | 267.95 | 266.11 | 264.75 | ..... | 798.81 |
| Polishing powder | 1,909.07 | 2,980.41 | 5,216.31 | 1,411.82 | 11,517.61 |
| Salted stock | ..... | ..... | 116,785.16 | 35,138.57 | 151,923.73 |
| Silk | 58,815.88 | 37,058.49 | 23,464.59 | 13,908.09 | 133,247.05 |
| Skins and hides | 253,296.09 | 236,456.90 | ..... | 45,282.57 | 535,036.16 |
| Sod oil | 327.85 | 779.85 | ..... | 523.22 | 1,630.90 |
| Spar ornaments | ..... | 1,558.96 | 1,336.54 | 1,103.34 | 3,998.86 |
| Starch | ..... | 323.61 | 543.21 | ..... | 866.82 |
| Stationery | ..... | 325.59 | 126.97 | 1,087.45 | 1,540.01 |
| String | ..... | 445.14 | 156.86 | ..... | 602.00 |
| Surgical appliances | 464.66 | ..... | ..... | 224.85 | 689.51 |
| Sporting goods | ..... | ..... | 311.36 | ..... | 311.36 |
| Tape | ..... | 941.41 | ..... | ..... | 941.41 |
| Terra alba | ..... | 1,060.78 | 667.90 | ..... | 1,728.68 |
| Velvet | 18,134.63 | 30,876.72 | 34,624.09 | 18,291.21 | 101,926.65 |
| Willows | ..... | ..... | ..... | 155.24 | 155.24 |
| Wire goods | 4,558.13 | 10,303.13 | 2,120.68 | 2,783.14 | 19,765.08 |
| Woolen | 20,253.29 | 9,291.49 | 2,886.92 | 18,945.57 | 51,377.27 |
| Miscellaneous | 2,078.99 | 1,421.61 | 6,912.88 | 2,235.61 | 12,649.04 |
| Total | 1,923,195.23 | 2,139,278.53 | 1,207,294.16 | 976,712.35 | 6,246,480.27 |
| Total for preceding year | 1,430,297.61 | 2,003,333.39 | 1,487,521.98 | 1,701,238.34 | 6,622,391.32 |
| Increase | 492,897.64 | 135,945.14 | ..... | ..... | ..... |
| Decrease | ..... | ..... | 280,227.82 | 724,525.99 | 375,911.05 |
| PLYMOUTH. | | | | | |
| Animals for breeding purposes | ..... | 153.29 | ..... | ..... | 153.29 |
| Books | ..... | 313.89 | ..... | ..... | 313.89 |
| Brushes | ..... | 156.95 | ..... | ..... | 156.95 |
| Clay | 45,433.09 | 55,538.23 | 57,396.77 | 46,793.38 | 205,161.47 |
| Clothing | ..... | ..... | ..... | 395.46 | 395.46 |
| Drugs and chemicals | 31,060.29 | 24,237.25 | 30,194.44 | ..... | 85,491.98 |
| Flower bulbs | 1,226.36 | ..... | ..... | 4,215.58 | 5,441.94 |
| Furniture | ..... | ..... | 130.66 | 100.85 | 231.51 |
| Objets de vertu | 103.65 | ..... | ..... | ..... | 103.65 |
| Skins, furs, etc | 2,804.25 | ..... | 884.14 | ..... | 3,688.39 |
| Stone | ..... | 2,609.17 | 1,024.46 | ..... | 3,633.62 |
| Wines and spirits | 1,304.46 | 1,550.71 | 1,407.88 | 2,535.69 | 6,798.74 |
| Wool | 851.77 | ..... | 1,901.37 | ..... | 2,753.14 |
| Woolen goods | 141.13 | 533.85 | ..... | ..... | 674.98 |
| Total | 83,825.00 | 85,093.34 | 92,939.72 | 54,040.96 | 315,899.02 |
| Total for preceding year | 80,937.41 | 99,443.58 | 80,604.94 | 147,455.34 | 408,441.27 |
| Increase | 2,887.59 | ..... | 12,334.78 | ..... | ..... |
| Decrease | ..... | 14,350.24 | ..... | 93,414.38 | 92,542.25 |
| SHEFFIELD. | | | | | |
| Animals for breeding | ..... | 1,849.27 | ..... | 2,248.33 | 4,097.60 |
| Anvils | 2,061.59 | 1,871.39 | 571.24 | 1,044.63 | 5,568.85 |
| Button cloths | 1,867.86 | ..... | ..... | ..... | 1,867.86 |
| Companions, ladies' | ..... | ..... | ..... | 807.02 | 807.02 |
| Copper | 77.13 | 303.83 | 28.59 | 131.69 | 541.24 |
| Cotton goods | 43.43 | 248.07 | ..... | 278.21 | 569.71 |
| Cutlery | 197,061.96 | 138,384.82 | 135,191.54 | 122,375.56 | 593,013.88 |
| Dead oil in drums | 1,079.00 | 534.65 | 1,616.35 | ..... | 3,239.00 |
| Doctors—composition | 246.36 | ..... | ..... | ..... | 246.36 |
| Down quilts and pillows | 538.17 | ..... | ..... | 514.04 | 1,052.21 |
| Edge and other tools | 4,464.75 | 7,128.17 | 5,579.14 | 2,997.44 | 20,169.50 |
| Ferro chrome | 882.36 | ..... | ..... | ..... | 882.36 |
| Fiber | 1,401.30 | 172.98 | ..... | ..... | 1,574.28 |
| Files | 4,869.78 | 2,934.22 | 3,055.23 | 762.88 | 11,622.11 |
| German silver and silver goods | 420.14 | 265.11 | 26.76 | ..... | 712.01 |
| Glue | 25,160.34 | 15,846.19 | 17,109.30 | 7,002.92 | 65,118.75 |
| Graining combs (steel) | ..... | 633.26 | 1,071.16 | ..... | 1,704.42 |
| Grindstones | 141.37 | 323.87 | ..... | 489.09 | 954.33 |
| Horns and horn pieces | 3,697.39 | 1,924.36 | 2,327.69 | 1,771.30 | 9,720.74 |
| Horn, manufactures of | 6,766.80 | 3,955.21 | 3,633.75 | 2,995.63 | 17,351.39 |
| Iron shafting | ..... | 3,357.89 | ..... | ..... | 3,357.89 |
| Linens | 5,327.07 | 6,975.54 | 5,730.08 | 3,645.36 | 21,678.05 |
| Machinery | 656.98 | 4,178.95 | 1,459.84 | 259.63 | 6,555.40 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | Total. |
|---|---|---|---|---|---|
| SHEFFIELD—continued. | | | | | |
| Magnets | $60.24 | $68.53 | $104.61 | $160.12 | $393.50 |
| Measures | 14,324.30 | 7,268.23 | 13,354.68 | 3,213.49 | 38,160.70 |
| Musical instruments | 299.29 | ..... | 225.50 | 617.02 | 1,142.71 |
| Needles and pins (steel) | 490.40 | 436.24 | 115.60 | 850.95 | 1,893.19 |
| Optical goods | 308.47 | 504.00 | ..... | ..... | 817.47 |
| Pearl, manufactures of | 1,360.29 | 7,771.84 | 2,069.23 | 4,617.33 | 15,818.69 |
| Raddle | 402.21 | 312.19 | 361.34 | ..... | 1,075.74 |
| Salted skins | 20,416.98 | 17,928.00 | 11,709.89 | ..... | 50,054.87 |
| Scythes and sickles | 2,292.97 | 3,708.96 | 1,393.52 | 59.49 | 7,454.94 |
| Scythe stones | 151.65 | 300.02 | ..... | ..... | 451.67 |
| Sheep dip | 4,948.86 | 2,029.41 | 2,183.73 | 2,655.37 | 11,812.37 |
| Steel, wire, bars, sheets, etc | 364,385.57 | 310,226.40 | 337,292.78 | 198,042.53 | 1,209,947.28 |
| Steel boiler tubes | 489.13 | 12,083.72 | 10,494.38 | 4,570.42 | 27,637.65 |
| Steel cylinders | ..... | 505.14 | 2,020.57 | ..... | 2,525.71 |
| Steel forgings | 251.80 | 133.06 | ..... | ..... | 384.86 |
| Steel shells | 38,544.02 | ..... | ..... | ..... | 38,544.02 |
| Steel tires | ..... | 3,657.33 | 1,143.87 | ..... | 4,801.20 |
| Steel wheels | 456.43 | ..... | ..... | ..... | 456.43 |
| Umbrella ribs | 971.73 | 1,429.37 | ..... | ..... | 2,401.10 |
| Watches and chains (toy) | 1,315.97 | ..... | ..... | ..... | 1,315.97 |
| Wines and spirits | 1,005.76 | ..... | 490.70 | 242.39 | 1,738.85 |
| Woodenware | ..... | ..... | 397.19 | 246.30 | 643.49 |
| Sundries | 956.39 | 659.03 | 629.48 | 206.55 | 2,451.45 |
| Total | 710,211.24 | 559,909.25 | 561,387.74 | 362,806.59 | 2,194,314.82 |
| Total for preceding year | 650,892.66 | 507,856.71 | 595,794.37 | 595,931.00 | 2,350,474.74 |
| Increase | 59,318.58 | 52,052.54 | ..... | ..... | ..... |
| Decrease | ..... | ..... | 34,406.63 | 233,124.41 | 156,159.92 |
| SOUTHAMPTON. | | | | | |
| Boats, sailing and rowing | 744.55 | ..... | 121.66 | ..... | 866.21 |
| Bicycle castings | 1,150.72 | 584.71 | ..... | ..... | 1,735.43 |
| Carpets | ..... | ..... | 618.38 | 433.47 | 1,051.85 |
| Chalk | ..... | ..... | ..... | 258.04 | 258.04 |
| Mineral water | ..... | 92.46 | ..... | ..... | 92.46 |
| Miscellaneous | ..... | 36.06 | 15.00 | ..... | 51.06 |
| Photographs | ..... | 315.00 | ..... | ..... | 315.00 |
| Scientific instruments | 103.46 | ..... | 369.97 | 271.05 | 744.48 |
| Sheepskins | ..... | 12,355.00 | 15,595.00 | ..... | 27,950.00 |
| Spanish copper | ..... | ..... | 243.32 | ..... | 243.32 |
| Teak wood | ..... | 256.87 | ..... | ..... | 256.87 |
| Wearing apparel | 223.49 | 17.00 | ..... | ..... | 240.49 |
| White hides | ..... | 72.26 | ..... | ..... | 72.26 |
| Yacht fixings | 86.50 | ..... | ..... | 9,048.87 | 9,135.37 |
| Plants | 21.89 | 105.86 | ..... | ..... | 127.75 |
| *Portsmouth agency.* | | | | | |
| Sheepskins | 13,690.00 | ..... | ..... | 12,426.00 | 26,116.00 |
| Total | 16,020.61 | 13,835.22 | 16,963.33 | 22,437.43 | 69,256.59 |
| SWANSEA. | | | | | |
| Antimony | ..... | ..... | ..... | 916.96 | 916.96 |
| Arsenic | 6,167.54 | 6,074 | ..... | 3,155.41 | 15,396.95 |
| Black plate | 228,283.86 | 163,930 | 193,668.75 | 90,785.53 | 676,668.14 |
| Black taggers | 36,823.00 | 44,575 | 26,157.27 | 73,158.03 | 180,713.30 |
| Bran | 92.46 | ..... | ..... | 238.46 | 330.92 |
| Bricks | 5,036.82 | 3,645 | 4,986.95 | 2,342.95 | 16,011.72 |
| Coal | 10,871.92 | 32,124 | 41,750.02 | 35,241.95 | 119,987.89 |
| Cobalt | ..... | ..... | 5,642.82 | 1,070.63 | 6,713.45 |
| Coke | ..... | ..... | 1,708.26 | ..... | 1,708.26 |
| Copper | ..... | 114 | ..... | 102.20 | 216.20 |
| Earthenware | ..... | ..... | ..... | 632.20 | 632.20 |
| Iron castings | 2,976.65 | 1,725 | 3,577.24 | 1,902.80 | 10,181.69 |
| Iron ladles | 402.72 | 945 | ..... | ..... | 1,347.72 |
| Iron ore | 2,074.54 | ..... | ..... | ..... | 2,074.54 |
| Machinery | 5,393.39 | 1,563 | 2,875.00 | 119.35 | 9,950.74 |
| Miscellaneous | 70.07 | 377 | 872.82 | 721.33 | 2,041.22 |
| Oxalic acid | 11,084.73 | 7,145 | 4,163.82 | 6,365.52 | 28,759.07 |
| Oxide of cobalt | 4,702.25 | 2,457 | 3,057.64 | 4,572.35 | 14,789.24 |
| Palm oil | 3,925.44 | 3,864 | 7,695.03 | 2,429.98 | 17,914.45 |
| Pills | 227.14 | ..... | ..... | ..... | 227.14 |
| Potatoes | ..... | 7,794 | ..... | ..... | 7,794.00 |
| Rotten stone | 2,695.67 | 811 | 5,194.99 | 2,410.96 | 11,117.62 |

*Declared exports for 1893*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| SWANSEA—continued. | | | | | |
| Salted roans | $17,510.46 | $18,079 | $23,145.80 | $7,176.05 | $65,911.31 |
| Sheet iron | ..... | 3,000 | 1,282.28 | 1,992.77 | 6,275.05 |
| Steel tubes | 43,221.05 | 33,322 | 3,129.93 | 624.51 | 80,297.49 |
| Taggers iron | 327.27 | ..... | ..... | ..... | 327.27 |
| Tin | 4,078.49 | 951 | ..... | ..... | 5,029.49 |
| Tin plate and terne plate | 1,380,915.91 | 1,280,927 | 1,962,204.73 | a1,414,984.25 | 6,039,031.89 |
| Tin taggers | 10,917.34 | ..... | 404.46 | 3,865.33 | 15,187.13 |
| Yellow-metal sheathing | 8,386.84 | 8,417 | 13,373.32 | 4,186.20 | 34,363.36 |
| Total | 1,786,185.56 | 1,621,839 | 2,304,896.14 | 1,658,995.72 | 7,371,916.41 |
| TUNSTALL. | | | | | |
| Ale | 545.62 | ..... | 480.21 | ..... | 1,025.83 |
| Bricks (glazed) | 1,720.83 | 290.59 | ..... | ..... | 2,011.42 |
| Chamois kips | 583.98 | ..... | 68.14 | 257.92 | 910.04 |
| China | 54,936.15 | 28,864.04 | 48,975.56 | 68,860.98 | 201,636.73 |
| Colors | 5,031.67 | 3,842.69 | 3,421.49 | 1,472.11 | 13,767.96 |
| Combs | 102.20 | 715.38 | 382.51 | 418.52 | 1,618.61 |
| Cycles | ..... | 97.33 | ..... | ..... | 97.33 |
| Earthenware | 867,900.51 | 1,004,519.27 | 1,152,777.43 | 714,063.27 | 3,739,260.48 |
| Fishing lines | ..... | ..... | 146.42 | ..... | 146.42 |
| Glass | 1,713.01 | 978.17 | 63.27 | 437.98 | 3,192.42 |
| Hardware | 1,088.72 | 576.68 | 1,291.68 | 1,873.60 | 4,830.68 |
| Lead (red) | 895.43 | ..... | ..... | ..... | 895.43 |
| Paper | 3,145.24 | 1,411.14 | 3,271.57 | 685.20 | 8,513.15 |
| Parian | 1,372.35 | 1,144.64 | 731.13 | 404.81 | 3,652.93 |
| Potters' materials | 997.13 | 2,085.17 | 775.48 | ..... | 3,857.78 |
| Trimmings (tailor's) | 227.27 | 241.14 | ..... | ..... | 468.41 |
| Tiles | 13,286.88 | 10,199.05 | 3,994.58 | 5,056.66 | 32,487.17 |
| Webbing (cotton) | 1,221.49 | 214.12 | 540.18 | 3,148.63 | 5,124.42 |
| Total | 954,718.48 | 1,055,179.41 | 1,216,919.65 | 796,679.68 | 4,023,497.22 |
| Total for preceding year | 928,917.07 | 947,097.20 | 906,955.37 | 1,108,682.98 | 3,891,652.62 |
| Increase | 25,801.41 | 108,082.21 | 309,964.28 | ..... | 131,844.60 |
| Decrease | ..... | ..... | ..... | 312,003.30 | ..... |

## CORK.

### NAVIGATION.

I have the honor to transmit herewith a statement of navigation of the port of Cork for the year ended September 30, 1893, from which it will be seen that 50 steamers, tonnage 56,930, discharged their cargoes here, as against 41 steamers, tonnage 49,040, during the preceding year, an increase of 9 vessels and 7,890 tonnage; and 55 sailing vessels, tonnage 34,325, discharged here, as against 43 sailing vessels, tonnage 21,080, during the year 1891-'92. There was, therefore, a total increase of 21 vessels, and of 21,135 tons. During the year 776 sailing vessels and steamers called for orders, etc., they having a total tonnage of 649,304, and there were 237 departures of transatlantic steamers, with a total tonnage of 780,240.

### AGRICULTURAL STATISTICS.

The total extent of land under crops in the province of Munster in 1893 was 1,226,982 acres, as against 1,214,029 acres in 1892, an increase of 12,953 acres, or 1·01 per cent. In Munster there were 294,899 acres in cereal crops in 1893, as against 292,940 in 1892, an increase of 1,959 acres. The number of acres in wheat was 17,997, as against 24,363 acres in 1892, a decrease of 6,366 acres; in oats, 231,234, as against 223,058 acres in 1892, an increase of 8,176 acres; in barley, 43,125, as against 43,021 acres in 1892, an increase of 104 acres; in bear and rye, 2,477, as against 2,378 acres in 1892, an increase of 99 acres; in beans and peas, 66, as against 120 acres in 1892, a decrease of 54 acres.

In Munster the extent of land in potatoes in 1893 was 158,714 acres, as against 162,867 in 1892, a decrease of 4,153 acres; in turnips, 76,126 acres, as against 73,966 in 1892, an increase of 2,160 acres; in mangel-wurzel, 21,437 acres, as against 22,378 in 1892, a decrease of 941 acres; in cabbage, 16,525 acres, as against 16,198 in 1892, an increase of 327 acres; in vetches and rape, 2,702 acres, as against 2,864 in 1892, a decrease of 162 acres; in carrots, parsnips, and other green crops, 5,758 acres, as against 5,708 in 1892, an increase of 50 acres; in flax, 49 acres, as against 66 in 1892, a decrease of 17 acres; in hay, 650,772 acres, as against 637,042 in 1892, an increase of 13,730 acres.

Of live stock in Munster in 1893 there were 160,906 horses, as against 158,069 in 1892, increase, 2,837; 11,588 mules, as against 11,271 in 1892, increase, 317; 69,938 asses, as against 67,981 in 1892, increase, 1,957; 1,440,928 cattle, as against 1,458,120 in 1892, decrease, 17,192; 1,035,525 sheep, as against 1,127,830 in 1892, decrease, 92,305; 366,599 pigs, as against 345,959 in 1892, increase, 20,640; 107,582 goats, as against 105,248 in 1892, increase, 2,334; and 3,683,223 poultry, as against 3,510,227 in 1892, increase, 172,996.

The crops in Ireland this year have been fairly good. The potato crop—the yield of which in Munster, as well as throughout Ireland, is invariably of the utmost importance, furnishing, as it does, the principal food of a large proportion of the poorer classes—has been, in common with most of the other root crops, both in quantity and quality, considerably above the average. Though the various cereals here, I understand, yielded rather poorly, nevertheless the standard of the grain has been particularly good. The pasturage, which, owing to the long drought experienced during the spring months was rather scant, improved greatly later on. The first crop of hay was very light owing to the drought and probably did not yield on an average more than 1 ton to the acre, which in this province is not counted more than a half crop; but the after crop was plentiful, while the extraordinarily fine weather which has been almost continuous during the summer and harvest time in Ireland admitted of both the first and second crops being much better "saved" than is as a rule possible in this country; the quality of the hay is therefore unusually good. Owing to the bright, warm weather which has during the past season prevailed in all parts of Ireland the crops ripened earlier than usual, the harvest being one of the earliest experienced for some years.

### EMIGRATION.

From the official statement furnished to me by the local officer of the British Board of Trade, it appears that of the 30,939 emigrants who embarked at Queenstown for the United States during the twelve months ended September 30, 1893, 14,407, including 13,315 adults and 1,092 children, were males, and 16,532, including 15,411 adults and 1,121 children, were females. The total number of emigrants last year was 32,771; there was, therefore, a decrease this year of 1,832 in the number who embarked.

HEALTH OF PORT.

As shown by the weekly sanitary reports which have been sent from this consulate, the health of this port during the year referred to in the foregoing report has been good. Neither here nor in any part of this consular district has there been any authenticated case of Asiatic cholera.

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*Statement showing the navigation at the port of Cork for the year ended September 30, 1893.*

| Flag. | From— | Entered. | | | | Total. | Cleared. | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Steamers. | | Sailing vessels. | | | Steamers. | | Sailing vessels. | | |
| | | *No.* | *Tons.* | *No.* | *Tons.* | | *No.* | *Tons.* | *No.* | *Tons.* | |
| British | New York | 3 | 3,560 | | | | | | | | |
| | Black Sea | 30 | 34,702 | | | | | | | | |
| | Baltimore | 6 | 7,224 | | | | | | | | |
| | Baltic | 1 | 649 | | | | | | | | |
| | Bergen | 1 | 514 | 2 | 463 | | | | | | |
| | Batoum | 1 | 1,223 | | | | | | | | |
| | Philadelphia | 3 | 4,068 | | | | | | | | |
| | Beaufort, S. C | 1 | 1,425 | | | | | | | | |
| | Fernandina | 1 | 1,405 | 1 | 490 | 953 | | | 3 | 953 | 953 |
| | Masagan | 1 | 380 | | | 55,150 | 48 | 55,150 | | | 55,150 |
| | San Francisco | | | 2 | 2,676 | | | | | | |
| | Buenos Ayres | | | 3 | 1,776 | | | | | | |
| | New Brunswick | | | 7 | 5,889 | | | | | | |
| | Portland, Oreg | | | 1 | 679 | | | | | | |
| | Talcahuano | | | 2 | 1,578 | | | | | | |
| | Gibraltar | | | 1 | 160 | | | | | | |
| | France | | | 1 | 148 | | | | | | |
| | Bahia Blanca | | | 1 | 765 | 13,671 | | | 18 | 13,671 | 13,671 |
| Norwegian | Norway | 1 | 570 | 8 | 2,687 | 570 | 1 | 570 | | | 570 |
| | St. John, New Brunswick | | | 2 | 1,355 | | | | | | |
| | Mobile | | | 1 | 503 | | | | | | |
| | River Platte | | | 2 | 1,390 | | | | | | |
| | Pascagoula | | | 1 | 935 | | | | | | |
| | Quebec | | | 6 | 4,562 | | | | | | |
| | New York | | | 3 | 1,618 | 13,050 | | | 23 | 13,050 | 13,050 |
| Italian | Buenos Ayres | | | 2 | 1,271 | 1,210 | | | | | 1,210 |
| | New York | 1 | 1,210 | 3 | 1,437 | 2,708 | 1 | 1,210 | 5 | 2,708 | 2,708 |
| Austrian | do | | | 1 | 478 | 478 | | | 1 | 478 | 478 |
| Russian | Russia | | | 1 | 260 | | | | | | |
| | Quebec | | | 1 | 1,021 | 1,281 | | | 2 | 1,281 | 1,281 |
| Danish | Iceland | | | 1 | 150 | | | | | | |
| | Lyttleton | | | 1 | 1,046 | 1,196 | | | 2 | 1,196 | 1,196 |
| German | Adelaide | | | 1 | 988 | 988 | | | 1 | 988 | 988 |
| Total | | 50 | 56,930 | 55 | 34,325 | 91,255 | 50 | 56,930 | 55 | 34,325 | 91,255 |
| Total for preceding year | | 41 | 49,040 | 43 | 21,080 | 70,120 | 41 | 49,040 | 43 | 21,080 | 70,120 |
| Increase | | 9 | 7,890 | 12 | 13,245 | 21,135 | 9 | 7,890 | 12 | 13,245 | 21,135 |
| Decrease | | | | | | | | | | | |

776 sailing vessels and steamers called for orders, etc., with tonnage ..... 649,304
237 departures of transatlantic steamers, with tonnage ..... 780,240

LUCIEN J. WALKER,
*U. S. Consul.*

CORK, *December 15, 1893.*

## FALMOUTH.

### THE PILCHARD FISHERY.

About 28,000 casks were put under cure during the past season. The seine fishery was much more successful than during the previous year, about 5,000 casks being secured through this medium, whilst the remaining 23,000 casks were yielded by the drift-net fishing. Some 31,000 casks were exported to Italy, including about 5,000 which remained on this side from the previous season, thus leaving about 2,000 casks as a commencement for the new campaign. A few casks were sent to the United States as usual.

The seine fish contained rather a larger proportion of badly coated fish than is usual with drift, and were mostly bought up by speculators on this side. The price of drift fluctuated through the season between 24*s.* and 29*s.* to curers. The present tendency is for this article to be sent forward by more shippers and in smaller shipments than formerly, and to an increasing number of receivers, a large portion being on consignment. This would have had a more prejudicial effect on listed prices during the past season if catches had been above the average. Some of the fish for Bari were landed at Brindisi. About 400 casks were sent to the United States. Immense buantities of herrings were caught in St. Ives Bay in November. From 300 to 400 casks, cured as pilchards, found their way to Italy on consignment. The result was probably not more encouraging than previous attempts in the same direction.

### CORNISH MINES.

I inclose an extract from one of the leading local newspapers which gives interesting information on this matter:

*Mineral statistics of Devon and Cornwall.*

A blue book containing the mineral statistics of the United Kingdom of Great Britain and Ireland, with the Isle of Man, for the year 1892, prepared by Her Majesty's inspectors of mines, by direction of the secretary of state for the home department, has just been issued. The sources from which minerals are obtained in the United Kingdom are classed under three heads: (1) Mines under the coal-mine regulation act; (2) mines under the metalliferous mines regulation act; (3) open works, brine works, etc., which are not comprised by these acts. The general summary shows that coal, iron ore, and stone are the most important minerals worked in the United Kingdom. The following figures relating to copper and tin, which are the chief mining products of Devon and Cornwall, show the qualities and values obtained by smelting from the ores in 1891 and 1892, the figures for the former year being given first: Copper, 719¾ tons, £40,708; 495½ tons, £24,746, a considerable decrease both in quantity and value as compared to the previous year. Tin, 9,353¾ tons, £881,139; 9,251¼ tons, £892,982, a slight decrease in quantity, but an increase in value.

Six tons of arimony ore was produced during the year at Trevinnick (Cornwall), the amount of metal obtainable by smelting being 2 tons 11 cwts., and the value of ore at the mine, £98. The previous year the amount of metal obtainable by smelting was 6 tons 18½ cwts., and the value of ore at the mine, £250. The following figures are given with respect to arsenic (crude and refined, obtained by calcination at the mines): Cornwall, 2,569 tons, valued at £19,600; Devonshire, 2,547 tons, valued at £24,926; total for Cornwall and Devonshire, 5,114 tons, valued at £44,526; total for the United Kingdom, 6,048½ tons, valued at £58,593.

For arsenical pyrites (exclusive of pyrites used in making the arsenic shown in the preceding table) the figures given are: Cornwall, 1,085 tons, valued at £1,067; Devonshire, 3,411 tons, valued at £3,921; total for the United Kingdom, 4,499 tons, valued at £4,988.

Under the head of fire clay, china clay, etc., from open works Cornwall is put down as having produced 408,492 tons, value at the open works, £306,369; and Devonshire, 95,856 tons, value at the open works, £43,292. Details as to quantities shipped are as follows, the figures indicating tons: Charlestown, 65,837; Falmouth, 18,649; Fowey, 187,897; Newquay, 4,624; Par Harbor, 90,634; Penryn, 961; Pentewan, 28,636; Penzance, 2,380; Plymouth, 3,829; St. Agnes (fire clay), 485; Wadebridge, Padstow Harbour, 979; sent to inland towns from the Cornwall Railway, 3,581.

In the general summary of the production of copper ore and copper precipitate, the following figures appear:

| | Copper ore. | Metallic copper obtained by smelting. | Value of ores at the mines. |
|---|---|---|---|
| | *Tons.* | *Tons.* | |
| Cornwall | 2,813 | 200 | £6,359 |
| Devonshire | 2,813 | 185 | 4,242 |

The amount of copper obtained by smelting British ores is about 4 per cent more than the amount calculated from the dry assay; thus, in the case of an ore containing 5 per cent of metal by dry assay the actual yield has been taken at 5¼ per cent. The value of the 495¼ tons of metallic copper obtainable in 1892, according to the mean of monthly prices of "best selected" British copper in the London market for the year is £24,746. Details of the Cornish and Devon mines, as follows: Dressed copper, 2,813 tons, valued at £6,359; Devonshire, dressed copper, 2,818 tons, valued at £4,242.

Cornwall last year produced 73 tons of fluor spar, value £41 (St. Aubyn 19 tons, £10; West Damsel, 54 tons, £31). Treamble mine at Perranzabuloe produced 691 tons of iron ore, the value at the mines being £156. Devonshire's contribution to the output of this mineral was, Bovey Tracey, 48 tons, value £100; Hawkmoor shiming ore, 36 tons, £144; Molland, 2,472 tons, £618. The output of lead is very small, the only mine being at Trevennick, St. Kew, Wadebridge, where 15 tons of of dressed lead ore resulted in 11 tons being obtained after smelting, the value of the ore at the mines being £105. In 1892, Bovey Tracey produced 4,247 tons of lignite, value £1,062, as compared with 4,664 tons, £1,360, the previous year. The Chillaton Manganese Company (Limited) put out 840 tons of manganese ore, value £1,050. In the general summary of the production of ochre, umber, etc., Cornwall is represented as producing 196 tons, value £300; and Devonshire, 3,184 tons, value £6,368. The East Cornwall Slate Company, St. Neot, Liskeard, had an output of 240 tons, value £344, while in Devon and Cornwall, together the production of roofing slates and slate slabs from open works, amounted to 930 tons, value £1,424.

The following is a general summary of the produce of tin ore:

| Mines and other works. | Dressed tin ore (black tin). | Amount of tin obtainable by smelting. | Value of the tin ore at the mines or works. |
|---|---|---|---|
| CORNWALL. | *Tons. Cwts.* | *Tons. Cwts.* | |
| Tin ore obtained from mines | 12,890 19 | 8,379 3 | £674,894 |
| Tin ore obtained from open works | 86 19 | 56 10 | 4,364 |
| Tin ore obtained from foreshores, and the refuse of dressing floors | 1,282 9 | 769 9 | 49,675 |
| Total | 14,260 7 | 9,205 2 | 728,933 |
| DEVONSHIRE. | | | |
| Tin ore obtained from mines | 96 4 | 64 19 | 5,632 |
| Total for the United Kingdom for 1892 | 14,356 11 | 9,270 1 | 734,565 |
| Total for previous year | 14,488 1 | 9,353 10 | 735,240 |

The value of the 9,270 tons 1 cwt. of metallic tin obtainable in 1892, according to the mean of monthly prices of English block tin in the London market for the year, is £894,753. Details of production are as follows: (1) Tin ore obtained from mines.

FALMOUTH AS A PORT OF CALL.

The following list shows the number of vessels that arrived at Falmouth during the year ended December 31, 1892, exclusive of men of war and coasters:

| Nationality. | No. | Tons register. | Nationality. | No. | Tons register. |
|---|---|---|---|---|---|
| British | 643 | 659,522 | American | 5 | 7,979 |
| Norwegian | 254 | 120,465 | Russian | 7 | 3,778 |
| German | 215 | 162,699 | Spanish | 3 | 1,516 |
| Italian | 94 | 73,847 | Brazilian | 2 | 1,730 |
| Danish | 79 | 24,624 | Turkish | 2 | 333 |
| Swedish | 68 | 28,151 | Buenos Ayrean | 1 | 574 |
| Dutch | 35 | 27,100 | Chilian | 1 | 587 |
| French | 34 | 29,785 | | | |
| Austrian | 9 | 4,777 | Total | 1,459 | 1,151,752 |
| Greek | 7 | 4,285 | | | |

During 1891 there were 1,485 ships, with an aggregate tonnage of 1,044,210, so it will be observed that the number of ships is again less but the tonnage more.

There were five American vessels as against two the previous year.

IMPORTS FROM THE UNITED STATES.

The importations into Falmouth waters from October 1, 1892, to September 30, 1893, were as follows:

| Ships. | Tons register. | From— | Cargo. | Flag. |
|---|---|---|---|---|
| Darwin | 499 | Florida | Phosphate | British. |
| Wydale | 1,186 | New Orleans | Wheat | Do. |
| Inga | 1,369 | Mobile | Timber | Norwegian. |
| Glenberrie | 800 | Oregon | Wheat and flour | British. |
| Hinda | 442 | Florida | Phosphate | Do. |
| Archer | 765 | Oregon | Wheat | Do. |
| Challenger | 1,400 | do | do | American. |
| Erling Skjalgson | 558 | Pascagoula | Timber | Norwegian. |

During the corresponding period of the previous year there were but three cargoes imported from the United States, as against eight this year.

IMPORTS FROM COUNTRIES OTHER THAN THE UNITED STATES.

I have obtained the following information concerning these, but have no means of obtaining similar information respecting other ports in my consular district that are not in Falmouth waters:

| Cargoes. | Number of vessels. | Whence imported. |
|---|---|---|
| Onions, potatoes, oysters, brick clay | 12 | France. |
| Timber | 11 | Norway. |
| Timber, barley | 8 | Russia. |
| Explosives, bark, phosphate | 7 | Belgium. |
| Timber | 7 | Sweden. |
| Maize, barley | 4 | Turkey. |
| Phosphate, pyrites of copper | 4 | Spain. |
| Sugar, potatoes, moss litter | 4 | Holland. |
| Bones, wheat | 2 | Argentine Republic. |
| Barley | 1 | Denmark. |
| Sand | 1 | Germany. |
| Timber | 1 | Canada. |
| Lemon peel | 1 | Italy. |
| Total | 63 | |

HOWARD FOX.

U. S. CONSULATE,
*Falmouth, October 2, 1893.*

## GALASHIELS.

### WOOLEN INDUSTRY.

At the time of the last report, November, 1892, the tweed trade was in a satisfactory condition. But during that month there was no animated demand, though prices were fairly well maintained. Some manufacturers were busy, while others had fewer orders than could have been desired. There was a feeling that a period of dullness was to follow, but many were signally successful with special lines of goods, such as ladies' dress material for the Glasgow and other markets. An encouraging amount of business was done with American and continental houses. In December the depressed condition of business began to make itself felt in the woolen industry. What orders were received were mainly for the next season, so that most of the operatives were put on short time, and a large part of the looms were idle. The dullness continued through January and February, but in March most of the machinery was running on full time. This made a large turnout of goods, but there was not the usual briskness of trade, which is looked for in the spring months. Spinners were exceptionally busy, and, in some instances, were running double time to complete their contracts. In April the better qualities of home-grown and colonial wools were in fair demand, and in tweeds there was considerable improvement. The state of trade was still better in May. The fine and mild weather—warmest for many years—had much to do with the increased demand for summer goods, of which the stocks in the hands of merchants had run low.

In June there was a quiet time, the orders were not many nor large; and in July it was still duller, but most of the looms were kept going. Spinners were well employed.

August passed without improvement, but in September fresh orders came, and there was a more hopeful feeling; more looms were in motion, and there was a great increase in production. It was expected that at the October wool sales there would be offered 100,000 bales less than at the sales in the preceding year. That would have an influence in raising prices and in increasing the demand.

Generally the tweed trade is in a less satisfactory state than at the time of the last report, although, as stated, it has improved considerably during the last few weeks. Still it is far from being up to its normal condition, and the prospect of a busy winter is by no means bright. This is accounted for by hostile tariffs, the American silver question, the financial crisis in Australia, and the labor troubles which are disturbing all business in Great Britain.

One of the leading manufacturers in Galashiels is about removing to Selkirk, and another new factory has been established in the latter place. During the whole year excellent, peaceful, and sympathetic relations have existed between employers and employed in this district.

### HOSIERY.

The Scotch hosiery trade during the past year has been somewhat disappointing in comparison with exceptionally good trade of the winter of 1892. At that period stocks were well cleared out and manufacturers were anticipating a brisk demand for 1893. In some instances they have been kept well employed on winter hosiery goods, but those who make chiefly thin summer goods have had a very dull trade. The reasons for this are similar to those given in the preceding part of this report on the trade in woolen goods. During the general depression not only working people but the generally well-to-do classes, have not been able to purchase so freely as formerly.

There is little direct exportation from this district to the colonies or to other countries, though large quantities of Scotch hosiery are sent out of this country by merchants in London, Manchester, Glasgow, and elsewhere. Owing to the causes referred to these orders this year have fallen off to a very considerable extent.

### AGRICULTURE.

In the border district the hopes of farmers were realized to the fullest. The hay crop was secured in excellent order, but the weight is about one-third less than the average. Sales were late, as the hay was made before the usual time, and because the rumors of total loss in the south of England and the lightness of the crop at home led to the expectation of extravagant prices, up to £8 or £9 per ton ($39 or $43.80), and in some instances the price of £8 was obtained. Good old hay sold in London at £7 ($34) and the best Lothian of last year's crop sold in this district at from £6·10 to £6·15 ($33.61 to $32.85). In this district new hay has been offered at

£4·15 ($23.12) and probably from £5 to £5·10 ($24.33 to $26.76) may be taken as the average price. The farmers obtained a splendid second crop, almost double the average, and this made up the deficiency of the first.

The apprehensions concerning cereals were completely removed by the rains which came during the ripening of the crops. Oats, the principal crop, nearly doubled its length of straw, while the favorable weather filled out the pinched heads with rich, heavy grain. Most of this crop was cut in August. In the upland reaches the oats were very heavy, and the season has been the best the farmers have had for many years. Oats are thrashing out well; the grain being dry and weighty; and the poorest quality is better than the best was last year.

Barley improved during the growing season in the same way. Old-fashioned people who test this crop by the number of grains on the stalk say they found this year as many as forty, while never before were more than thirty-six. Barley is also of good quality and weight, yielding about 6 per cent more weight than was expected.

Prices for oats and barley are about the same as last year, but firmer than at the beginning of the season, and they are expected to rise a little.

Turnips were and are first-rate everywhere; and not for many years have potatoes borne such splendid blossoms, always a sign of a good crop, and again proved in this instance. The weight per acre is at least one-third more than usual, while the quality is of the best. Prices range from 32*s*. to 40*s*. per ton ($7.78 to $9.73), while last year at this date they ranged from 50*s*. to 60*s*. ($12.16 to $40.60), and in November sold for 5*s*. ($1.22) more. As feeding stuff the crop would be cheap at present rates, and it is thought that if growers held on for awhile they would ultimately get better prices. There is no disease worth mentioning, either in "regents" from Lothians, or other kinds.

One farmer observes that for all kinds of crops the weather could not have been better if it had been ordered before hand.

The hill lambing season was practically over at the end of May, and the yield of lambs is much above the average. Lambs are said to be more numerous than for twenty years past, although twins have not been so frequent as usual. Owing to the abundance of grass the ewes had a plenty of milk, and the lambs were well nursed. Naturally there has not been much, if any, improvement in prices. Fat stock prices have varied little. Beef has brought £2 ($9.73) per cwt., though not of prime quality. Lamb and mutton 8*d*. (16 cents) per pound. Young fat sheep are still dear, the great supply of food enabling farmers to hold stock. The former want of grass was at an end, and grazing was abundant, while, in addition, turnips were abundant.

Owing to all-favoring, circumstances, the harvest was from three to four weeks earlier than usual. Reaping was begun in the early weeks of July, while during the past thirty years this has not happened before the first week in August at the earliest. Indeed, it has often been September before a sheaf was cut. It would be necessary to go back to the memorable dry summer of 1826 to find another instance of harvesting by Gala Water in July. By the first week in August, this year, harvesting was general over the district.

Farmers are now busy plowing, and though the soil is drier than usual, making the work hard in heavy clays, it is in excellent condition on friable soil.

The vole plague, mentioned in the last report, is fast disappearing on the border, and seems likely soon to be a thing of the past. The voles having destroyed pasturage in one place, left for another, but were followed by their natural enemies. Owls bred last year from January to July became extraordinarily plentiful, especially as the gamekeepers protected them. But the notion that the plague was caused by the destruction of owls and other birds of prey has been pretty much given up, as there was no excessive destruction of them previous to the coming of voles in such numbers.

RICHARD LEES,
*Consular Agent.*

GALASHIELS, *September, 1893.*

## GLASGOW.

*Statement showing the principal imports from the United States at Glasgow for the year ending September 30, 1893.*

| Articles. | Quantities. | Articles. | Quantities. |
|---|---|---|---|
| Beef ..... cwt.. | 114,125 | Tallow ..... cwt.... | 35,353 |
| Live cattle ..... head.. | 26,448 | Rosin ..... do.... | 122,907 |
| Wheat ..... bush.. | 3,184,028 | Shoe pegs ..... bbls.. | 880 |
| Indian corn ..... do.... | 1,346,009 | Tobacco ..... cwt.. | 62,996 |
| Flour ..... cwt.. | 6,213,983 | Oil cake ..... bags.. | 81,674 |
| Oatmeal ..... do.... | 137,327 | Canned meats ..... cases.. | 79,819 |
| Butter ..... do.... | 3,485 | Apples ..... bbls.. | 82,310 |
| Cheese ..... do.... | 64,859 | Staves ..... pieces.. | 722,011 |
| Lard ..... do.... | 76,870 | Lumber ..... do.... | 459,640 |
| Bacon ..... do.... | 52,811 | Logs ..... do.... | 10,585 |
| Salt pork ..... do.... | 5,521 | Canned goods ..... cases.. | 11,060 |
| Hams ..... do.... | 107,828 | Oats ..... cwt.. | 109,864 |
| Leather ..... do.... | 28,771 | Clover seed ..... bags.. | 10,688 |

### NAVIGATION.

*Arrivals of sailing vessels at the harbor of Glasgow for the year ending June 30, 1893:*

| Description. | 1893. | | 1892. | |
|---|---|---|---|---|
| | Number. | Tonnage. | Number. | Tonnage. |
| Coasting | 885 | 68,450 | 872 | 65,707 |
| Foreign | 100 | 50,164 | 146 | 70,790 |
| Total | 985 | 118,614 | 1,018 | 136,497 |

The following are the countries to which the above foreign-going vessels belonged:

| Flag. | Number. | Tonnage. | Flag. | Number. | Tonnage. |
|---|---|---|---|---|---|
| Britain and its dependencies | 34 | 19,388 | France | 10 | 2,009 |
| Sweden | 1 | 528 | Spain | | |
| Norway | 41 | 21,045 | Italy | 4 | 1,795 |
| Russia | 2 | 562 | Austria | 3 | 1,817 |
| Germany | 3 | 2,117 | United States | 1 | 637 |
| Denmark | 1 | 266 | | | |

*Arrivals of steam vessels at Glasgow for year ended September 30, 1892 and 1893.*

| From— | 1893. | | 1892. | |
|---|---|---|---|---|
| | Number. | Tonnage. | Number. | Tonnage. |
| Scotland | 9,258 | 650,874 | 9,630 | 668,913 |
| England | 1,796 | 865,447 | 1,759 | 856,319 |
| Ireland | 2,314 | 587,323 | 2,291 | 586,612 |
| United States | 192 | 431,027 | 230 | 495,122 |
| All other | 814 | 801,816 | 817 | 769,660 |
| Total | 14,374 | 3,336,487 | 14,736 | 3,376,626 |

ALLEN B. MORSE,
*Consul.*

## HUDDERSFIELD.

### SILK SEALS AND PLUSHES.

Value of declared exports of silk seals and plushes from the consular district of Huddersfield from 1885 to 1892, inclusive (calendar years):

| | Value. | | Value. |
|---|---|---|---|
| 1885 | $430,941.11 | 1890 | $431,587.00 |
| 1886 | 737,706.85 | 1891 | 36,805.71 |
| 1887 | 903,193.42 | 1892 | 78.47 |
| 1888 | 818,650.06 | | |
| 1889 | 663,858.93 | Total | 4,022,911.55 |

The foregoing figures represent the total value of declared exports of silk seals and plushes to the United States from the consular district of Huddersfield for the years named, as shown by the invoice books of the consulate.

FRANK C. MCGHEE,
*Consul.*

HUDDERSFIELD, *October 17, 1893.*

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## JERSEY.

### CHOLERA PRECAUTIONS.

All questions of a sanitary nature have, during the past year, been of such general interest, in view of the possible extension of cholera throughout Western Europe, that I may be allowed to venture outside the limits of a commercial report and lay before the Department the information which is in my possession relating to the subject, so far as this island is concerned.

The sanitary committee of the States or governing body of Jersey, appreciating the danger which threatened the island, applied, early in the year to the local government board for assistance. An inspector came over and reported "regarding measures to be taken to prevent the introduction of cholera into Jersey, and to deal with cholera introduced into or occurring in Jersey."

The recommendations are made under seven heads:

(1) Medical inspection of vessels.

(2) Special precautions in connection with persons by whom cholera is especially liable to be introduced into Jersey.

(3) Isolation of persons suffering from cholera or from a disease which it is suspected may prove to be cholera.

(4) Ambulance provision.

(5) Disinfection.

(6) General sanitary condition of the island, and

(7) Regular inspection of districts.

Dealing with these different heads I am in a position to report:

First. All vessels arriving from suspected ports must produce a clean bill of health and the crew and passengers are subjected to a medical examination. Vessels not provided with a clean bill of health must at a distance of 3 miles from the island fly a quarantine flag and await the medical officer's inspection. The committee gives periodical notice of the ports which are declared to be suspected or infected.

Second. The recommendations under this head have been carried out.

Third. One suspicious case declared itself early in the season amongst the Breton laborers who come over every spring to assist in the potato harvest, but the sanitary committee, after full inquiry, declared that it was not a case of cholera. Strict supervision and isolation of other Bretons in the immediate neighborhood were exercised and since then no death or suspicious case has, as far as I am aware, arisen. The recommendation as to extra hospital structures has not been carried out.

Fourth. I understand that a sufficient ambulance staff and assistants has been retained to deal with a possible outbreak.

Fifth. The Breton laborers were all subjected to a process of disinfection.

Sixth. (*a*) The island was divided into districts and medical officers retained to inspect. Careful inquiries were made and when defective drainage, water supply ventilation, etc., were discovered, the cases were reported to the committee, who at once called upon proprietors to abate the nuisance. Much useful work has been

done in this manner. (*b*) With regard to the water supply I am able to forward the report of the official analyst, which deals with the same subject on pages 7 and 8 of his report.

Seventh. The inspection as recommended is carefully carried out.

### POTATO CROP.

The returns for this year's potato crop (export) shows a falling off as compared with the two last years both in quantity and price.

| Year. | Quantity. | Price. | | | |
|---|---|---|---|---|---|
| | *Tons.* | £ | *s.* | *d.* | |
| 1891 | 66,810 | 487,642 | 1 | 8 | =$2,373,110.19 |
| 1892 | 66,332 | 376,535 | 15 | 10 | =1,832,411.42 |
| 1893 | 57,762 | 327,866 | 13 | 4 | =1,593,129.87 |

During the last ten years the average annual quantity of potatoes exported amounts to 55,658 tons, valued at £334,755, or $1,629,085.20.

When it is remembered that the area available for agriculture and horticulture is about 20,000 acres, the importance of the potato crop as a factor in the island's prosperity will be realized.

### FERTILIZERS.

Whilst on the subject of potatoes it may be profitable to mention the fact that large quantities of guano and artificial manures are used in promoting early growth and good crops. These manures, mostly imported from England, range in price from $29 to $58 per ton. I am unable to give any reliable figures as to the quantity consumed, but I am informed that the demand requires a supply of 4,000 tons, more or less.

The amount of wheat grown in the island is relatively very small. The island depends largely, in the first instance, on England for its wheat supply. I understand the wheat is imported in a state of flour, and is sold at the average price of $5.59 per 280 pounds. The price, depending on quality, ranges from $4.86 to $6.56. I can give no statistics as to the amount imported, but some idea of the amount consumed will be formed from the fact that the population of the island (1891 census) is 54,518.

No direct trade is done with the United States in this respect. This appears somewhat strange, inasmuch as the cost of transportation from the English port of arrival from the United States to Jersey is heavy, and would apparently allow a margin of profit to the American exporter, which is at present taken up by the carriers. Wheat could be sent over either as grain or flour. Should any further information on this subject be required, I shall be very happy to make a special study thereof and report. I may add that I am informed some years ago a direct wheat trade was carried on between the United States and the Channel Islands.

I have the honor to conclude my report with the following statistics, which are derived from the report of the Jersey chamber of commerce:

### THE TOURIST SEASON.

*Number of passengers arrived in the island during the months of May to September, inclusive.*

| Year. | From England. | From France. | Total. |
|---|---|---|---|
| 1888 | 19,684 | 10,771 | 30,455 |
| 1889 | 20,891 | 11,234 | 32,125 |
| 1890 | 26,919 | 13,716 | 40,635 |
| 1891 | 28,352 | 14,451 | 42,803 |
| 1892 | 30,379 | 14,982 | 45,361 |

WINTER AND AUTUMN SEASON.

*Number of passengers arrived during the months of January to April, inclusive.*

| Year. | From England. | From France. | Total. |
|---|---|---|---|
| 1891 | 6,368 | 1,337 | 7,705 |
| 1892 | 7,601 | 1,651 | 9,252 |

*Number of passengers arrived during the months of October to December, inclusive.*

| Year. | From England. | From France. | Total. |
|---|---|---|---|
| 1891 | 5,364 | 1,508 | 6,872 |
| 1892 | 6,644 | 1,700 | 8,344 |

EXTRACTS FROM THE SUNSHINE RECORDS, 1881–1890.

[Published by the authority of the meteorological council.]

*Number of hours of bright sunshine.*

| Date. | Number of hours. | Per cent of possible sunshine. |
|---|---|---|
| 1881–1890. | | |
| January | 681 | 25 |
| February | 871 | 31 |
| March | 1,491 | 41 |
| April | 1,876 | 46 |
| May | 2,431 | 52 |
| June | 2,337 | 49 |
| July | 2,304 | 48 |
| August | 2,429 | 55 |
| September | 1,754 | 47 |
| October | 1,249 | 33 |
| November | 654 | 24 |
| December | 571 | 23 |

*Number of hours of bright sunshine, 1881–1890.*

| Year. | January to June. | July to December. | Total. |
|---|---|---|---|
| 1881 | 968 | 1,011 | 1,979 |
| 1882 | 1,006 | 841 | 1,847 |
| 1883 | 1,079 | 808 | 1,887 |
| 1884 | 1,004 | 852 | 1,856 |
| 1885 | 954 | 932 | 1,886 |
| 1886 | 910 | 899 | 1,809 |
| 1887 | 1,107 | 1,019 | 2,126 |
| 1888 | 858 | 849 | 1,707 |
| 1889 | 863 | 861 | 1,724 |
| 1890 | 938 | 889 | 1,827 |
| Total | | | 18,648 |
| Average of 10 years | | | 1864.8 |

Jersey is the only station recording in any month, on the mean of the 10 years, an average of even one-half of its possible duration of sunshine; 52 per cent was registered there in May and 55 per cent in August. The highest figure for any other station was only 48 per cent.

Taking shorter periods than a month, higher figures are to found. Thus, for instance, the record for Jersey, for two weeks, that from February 22 to February 28, and that from September 6 to September 12, inclusive, in the year 1891, is probably as high as is attainable in our climate. It was 89 per cent in each case.

POST-OFFICE, JERSEY.

*Statement for the year 1892, showing the increase in the various branches of duty since 1891.*

| Description. | 1891. | 1892. |
|---|---|---|
| Letters delivered | 2,633,332 | 2,508,024 |
| Letters posted | 2,082,444 | 1,993,977 |
| Parcels posted | 48,489 | 54,687 |
| Parcels delivered | 55,200 | 58,801 |
| Letters registered | 17,732 | 16,825 |
| Postal orders issued and cashed | 55,527 | 60,411 |
| Money orders issued and cashed | ..... | 16,346 |
| Savings bank transactions | 5,106 | 5,311 |
| Postage stamps sold, including payment for telegrams | ..... | * £11,643 |
| Town suboffices | 5 | 5 |
| Country suboffices | 18 | 21 |
| Cash remitted to London | † £28,000 | ‡ £28,668 |
| Retained for special purposes | £4,000 | § £4,000 |

* $56,660.65. † $136,262.00. ‡ $139,512.82. § $19,466.00.

NOTE.—The business transacted at the suboffices, so far as items 6, 7, 8, and 9 are concerned, is not included in this return.

No American ship has reported itself to me during the past year.

E. B. RENOUF,
*Consular Agent.*

JERSEY, *September 30, 1893.*

## LEITH.

HERRING FISHERY.

Owing to the unusual warmth the fishing season on the east coast of Scotland opened early, the herring having visited the coast much sooner than in former years. The largest proportion of the catch was secured in the month of July.

Fraserburgh takes the lead in this industry with 245,960 crans,* nearly 15,000 more than last year. The average for the 805 boats employed in the district is 305¼ crans. At Peterhead 175,000 crans were landed, an increase of 27,000 crans over last year. Its 527 boats have an average of 328 crans. At Aberdeen the figures of last year were exceeded by 5,300 crans, 447 boats having landed on an average 250 crans. The season in the Moray Firth did not last more than six or seven weeks, and during that time the boats in the Buckie district secured an average of 213 crans. At Helmsdale the average is 145 crans for 104 boats; at Lybster, 110 crans for 61 boats; at Wick, 168 crans for 314 boats. The early fishing at the Orkney and Shetland stations was fairly successful, but the later fishing was a failure. The fishing at Shetland has been the poorest for twelve years, only 5,320 crans having been caught, as against 16,545 last year. The boats from Orkney fared better, securing 9,600 crans, against 4,272 last year and 15,325 in 1891.

A further reason for the early start this year was the failure of fishing on the west coast; and, besides, the exceptionally fine quality of herrings caught in July led to an early curing for the continental markets. The unusually heavy catch in July caused a drop in prices, but on the whole the season is considered the best for many years. The season having ended early, it is believed that better prices will yet be obtained for the remaining stock.

Up to September 1, about 600,000 barrels had been shipped, viz: From Fraserburgh 208,245 barrels; Peterhead, 110,615; Aberdeen, about 64,000; Wick, 28,000; Shetland, 58,000; Buckie, 11,043; Leith, 60,000; Montrose, 15,011.

Almost the whole of the catch was sold by auction, boats having been engaged only at Orkney, Shetland, Lybster, and Stonehaven. The engaged prices were from 12*s.* ($2.92) to 14*s.* ($3.41) per cran; and this may be considered the average price throughout the season for herrings "sold at the bell." To figure more closely, it may be stated that for "green" fish the average price of the season was about 13*s.* 6*d.* ($3.28½) per cran.

The fluctuations in price were such as to make it impossible to know from day to day what would be realized from a catch.

* The cran contains 37½ gallons; holds from 800 to 850 herrings, which weigh about 3½ cwt. (392 pounds).

Some crews received from £300 to £610 ($1,459.95 to $2,968.56), while others, l fortunate, barely cleared expenses. There were hired men in great numbers w received each one-twelfth of the earnings of a boat. Women for gutting receiv 8*d.* (say 16 cents) per barrel, and 3*d.* an hour for other work. Carters earned a b £20, or $97.33 for the season, and laborers about £10, $48.66. From 10,000 to 12,( people, mostly from the Highlands, came to work in Fraserburg, for the sea Nearly all had savings to carry home.

At Peterhead the earnings of men in good boats have been from £16 to £30 ($77. to $145.99), say £20 ($97.33) on an average for the period of twelve weeks. The is that the boat and nets receive one-half and the men the other half.

The usual cost of barrels has been from 3*s.* (73 cents) to 3*s.* 4*d.* (81 cents). So were imported from Sweden, but most were made in Scotland, and the prospect employment among the coopers during the coming winter are good.

Cured herrings are exported principally to Hamburg, Dantzic, Stettin, Li Königsberg, Memel, Riga, and St. Petersburg. They are carried mostly by st vessels. Freights to the upper Baltic were 1*s.* 6*d.* (36 cents) per barrel; to the lo Baltic, 1*s.* 3*d.* (30 cents), and to Hamburg, 1*s.* 2*d.* (28 cents).

The quality has been extraordinarily good, the large proportion being "fulls" an "matties," and very few "spents."* The curers have all done well.

There have been very few accidents and, as far as can be learned, no fatalit ie There were losses of nets in the Orkneys and Shetlands, owing to the great num be and ferocity of dogfish in those waters.

Fishing boats vary in size, but the following may be taken as average measu re ments of the best: Length over all, 55 feet; length of keel, 53 feet; breadth of be am 18 feet; depth of hold, 7 feet 9 inches. The average cost is about £540 ($2,627.91 The largest boats carry seven men and a boy.

The following table shows the total catches at the various stations and distric for the present and three preceding years:

| Districts. | 1893. | 1892. | 1891. | 1890. |
|---|---|---|---|---|
| | *Crans.* | *Crans.* | *Crans.* | *Crans.* |
| Fraserburgh | 245,960 | 231,713 | 150,558 | 196,91 |
| Peterhead | 175,000 | 146,000 | 102,000 | 150,26 |
| Aberdeen | 111,745 | 106,432 | 78,169 | 87,78 |
| Boddam | 7,340 | 8,790 | 6,325 | 8,9 |
| Macduff | 12,939 | 12,308 | 7,793 | 21,4 |
| Bauff | 1,676 | 4,598 | 3,321 | 6,3 |
| Buckie | 23,255 | 31,431 | 30,755 | 29,4 |
| Findhorn | 15,000 | 18,974 | 19,877 | 19,8 |
| Cromarty | 5,108 | 4,659 | 1,498 | 3,4 |
| Helmsdale | 15,086 | 14,827 | 18,060 | 18,9 |
| Lybster | 6,738 | 4,554 | 4,933 | 7,9 |
| Wick | 52,747 | 29,550 | 31,520 | 75,0 |
| Scrabster | 30,250 | 12,730 | 15,000 | 16,5 |
| Orkney | 29,600 | 13,700 | 27,005 | 21,341 |
| Shetland | 59,760 | 30,800 | 75,195 | 72,160 |
| Stonehaven | 14,200 | 13,020 | 8,872 | 10,890 |
| Montrose | 37,800 | 39,861 | 25,231 | 34,646 |
| Anstruther | 3,191 | 3,540 | 2,750 | 1,042 |
| Leith | 8,000 | 11,382 | 6,105 | 4,732 |
| Eyemouth | 49,000 | 56,000 | 41,000 | 44,000 |
| Total | 902,390 | 794,869 | 650,967 | 831,605 |

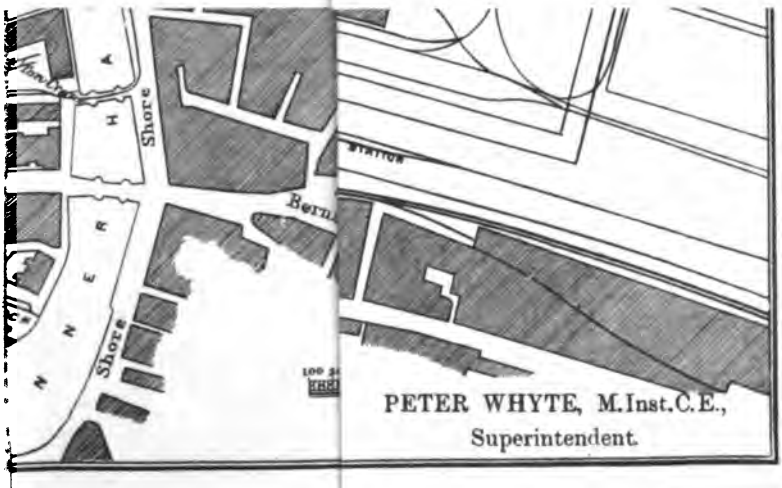
NOTE.—The cran is about 392 pounds.

### LEITH HARBOR.

In May, 1893, work was begun upon a new dock, to be completed in seven years, which will be 1,100 feet long, 450 feet broad, and 40 feet deep. The entrance lock at the middle of the east pier will be 350 feet long, 65 feet wide, and from 25 to 30 feet deep, according to the tide. There has been an increase of trade by large steamers from the United States, and at times these have had to discharge by lighters, or wait for higher tides; but this difficulty will be done away with by the new dock. There will also be communication with the Albert Dock, so that vessels can pass into the existing docks on that side through the new one.

To form this dock about 60 acres of foreshore, between the east pier and the Black Rocks, will be reclaimed by a sea wall nearly a mile in length. This will provide space on which sheds, warehouses, and cranes will be erected, besides furnish-

*NOTE.—"Fulls," full-grown fish with milts and roes; "matties," younger herring; "spents," spawned herring.




PETER WHYTE, M.Inst.C.E.,
Superintendent.

ing accommodations for railway traffic. It will be necessary to deepen the fairway of the harbor so as to give 16 feet at low water at spring tides. This will enable coasting steamers to enter at any time.

Until 1806 the whole accommodation for shipping consisted of the old or inner harbor, formed by the bed of the water of Leith, along which the quays had been built. In 1806 and 1817 two docks were opened by the Edinburgh corporation at a cost of about £300,000 (say $1,460,000). The depth over the sill for these docks is 17½ feet at spring tides and 13 feet at neap tides.

In 1852 was opened the Victoria Dock, with a depth of 19 feet at neap tides, and at a cost of £185,000 (about $900,950). As trade was increasing and larger vessels were required, land was taken on the east side, and in 1869 the Albert Dock was opened. It is 1,100 feet long, 450 feet broad, with a lock 350 feet long, 60 feet wide, with a depth over the sill at ordinary spring tide of 25½ feet.

The cost of this was £350,000 ($1,704,500). In the same year the Prince Albert Graving Dock was opened at a cost of £60,000 ($292,200.)

The Edinburgh Dock was opened in 1881. It is 1,500 feet long, 650 feet wide, with a jetty 1,000 feet long in the center, giving 6,000 feet of quayage. It cost about £500,000 ($2,435,000.)

In 1656 there were belonging to the port 3 vessels of 250 tons, and 11 of 20 tons. In May, 1893, there were 192 vessels, with a gross tonnage of 161,697. In 1852 the number of arrivals of sailing vessels was 4,012, having a gross tonnage of 261,360 tons, and of steamers 670, having a gross tonnage of 88,926; while in 1892 the arrivals of sailing vessels were 1,009, total tonnage 139,816; and of steamers 3,839, total tonnage 1,284,915. The total arrivals in 1852 were 4,682 vessels of 350,286 tons, and in 1892 4,848 vessels of 1,424,731 tons, showing that while the increase of the number of vessels in forty years was only 166, the increase of the tonnage was 1,074,445 tons. This gives some idea of the great increase in size of vessels in recent times. The cost of the docks and harbor up to this time has been about £1,750,000 ($8,522,500). A plan of the harbor and docks of Leith is herewith inclosed.

*Principal imports of foreign and colonial products at the port of Leith during the year 1892.*

| Article. | Quantities. | Article. | Quantities. |
|---|---|---|---|
| Animals, living: | | Manures: | |
| Oxen, bulls, cows, and calves, number | 200 | Guano.....tons.. | 2,035 |
| Horses.....number.. | 1,392 | Phosphate of lime and rock..do... | 7,025 |
| Bones (except whale fins).....tons.. | 5,508 | Unenumerated.....do... | 2,431 |
| Caoutchouc.....cwt.. | 972 | Metals: | |
| Chemical manufactures and products (value) | £78,704 | Copper— | |
| Cocoa.....pounds.. | 86,854 | Ore and regulus.....do... | 471 |
| Coffee.....cwt.. | 106 | Unwrought and part wrought.....tons.. | 25 |
| Corn (grain): | | Iron— | |
| Wheat.....cwts.. | 2,320,007 | Ore.....do... | 9 |
| Barley.....do... | 1,674,298 | Pig.....do... | 5 |
| Oats.....do... | 454,361 | Iron and steel manufactures, unenumerated.....cwt.. | 67,542 |
| Pease.....do... | 249,901 | Pyrites of iron or copper..tons.. | 7,656 |
| Beans.....do... | 113,927 | Zinc, crude, and manufactures of.....cwt.. | 45,186 |
| Indian corn or maize.....do... | 874,341 | Oils: | |
| Wheat, meal, and flour.....do... | 1,202,910 | Train, blubber, and sperm..tons.. | 67 |
| Cotton: | | Palm.....cwt.. | 1,794 |
| Raw.....do... | 907 | Seed.....tons.. | 2,603 |
| Manufactures (value)..... | £58,198 | Oil-seed cake.....do... | 16,744 |
| Drugs, bark, Peruvian.....cwt.. | 6 | Onions.....bush.. | 222,235 |
| Dyes and dyeing stuffs, obtained from coal tar (value)..... | £74,766 | Painters' colors (value)..... | £51,004 |
| Farinaceous substances, not otherwise enumerated (value)..... | £39,400 | Paper of all kinds (except hangings) cwt..... | 110,279 |
| Flax.....cwt.. | 249,904 | Petroleum.....galls.. | 585,792 |
| Fruit: | | Provisions: | |
| Currants.....do... | 3,607 | Bacon and hams.....cwt.. | 9,179 |
| Oranges and lemons.....bush.. | 39,702 | Beef, salted and fresh.....do... | 82 |
| Raisins.....cwt.. | 2,495 | Pork, salted and fresh.....do... | 23,341 |
| Apples, raw.....bush.. | 166,810 | Meat, unenumerated, preserved, cwt..... | 730 |
| Unenumerated, raw.....do... | 29,707 | Butter.....cwt.. | 156,972 |
| Glass, of all kinds.....cwt.. | 125,659 | Margarine.....do... | 98,750 |
| Hemp.....do... | 114,282 | Cheese.....do... | 62,397 |
| Hides, raw.....do... | 6,926 | Eggs.....great hundreds.. | 775,040 |
| Hops.....do... | 5,535 | Fish.....cwt.. | 81,392 |
| Jute.....tons.. | 19 | Lard.....do... | 20,918 |
| Leather.....pounds.. | 193,820 | Potatoes.....cwt.. | 1,457 |
| Leather gloves.....dozen pairs.. | 1,296 | Rice.....do... | 75,503 |
| Linen yarn.....pounds.. | 8,680,938 | | |

*Principal imports of foreign and colonial products at the port of Leith, etc.*—Continued.

| Article. | Quantities. | Article. | Quantities. |
|---|---|---|---|
| Rags and other materials for making paper.....tons.. | 24,234 | Sugar: | |
| Saltpeter and cubic niter.....cwt.. | 220,300 | Refined.....cwt.. | 1,054,600 |
| Seeds: | | Unrefined.....do... | 610,113 |
| Clover and grass.....do... | 20,474 | Tallow and stearine.....do... | 10,708 |
| Cotton.....tons.. | 4,151 | Tea.....lbs.. | 6,168 |
| Flax or linseed.....grs.. | 21,720 | Tobacco: | |
| Rape.....do... | 439 | Unmanufactured.....do... | 2,009,884 |
| Silk: | | Manufactured.....do... | 15,658 |
| Raw.....lbs.. | 5 | Vegetables, raw (value) ..... | £21,967 |
| Manufactures (value) ..... | £242 | Wine.....gallons.. | 437,295 |
| Skins, sheep and lambs, undressed, number..... | 100,817 | Wood and timber: | |
| Spirits: | | Hewn.....loads.. | 7,768 |
| Rum.....proof gallons.. | 819 | Sawn or split.....do... | 107,094 |
| Brandy.....do..... | 154,633 | Staves.....do... | 3,394 |
| Geneva.....do..... | 43,755 | Mahogany.....tons.. | 4 |
| Other unsweetened spirits.do... | 64,162 | Wool, sheep or lambs.....lbs.. | 1,511,318 |
| | | Woolen yarn.....do... | 4,957,920 |
| | | Woolen manufactures (value)..... | £139,371 |

| | |
|---|---|
| Value of total imports at Leith during— | |
| 1892..... | $51,944,772 |
| 1891..... | 49,860,051 |
| Increase..... | 2,084,721 |

*Principal exports at the port of Leith during the year 1892.*

HOME PRODUCTS.

| Articles. | Quantities. | Articles. | Quantities. |
|---|---|---|---|
| Alkali.....cwt.. | 1,424 | Machinery and millwork of all sorts (value)..... | 336,634 |
| Apparel (value) ..... | £3,107 | Manure including sulphate of ammonia and other chemical manures.....tons.. | 32,812 |
| Arms and ammunition: | | Metals: | |
| Firearms (small) ..... number.. | 3 | Iron—Pig, puddled, bar, angle, and wire.....tons.. | 42,551 |
| Of all other sorts (value) ..... | £143 | Railroad, of all sorts.do... | 16 |
| Bags and sacks, empty, for packing merchandise.....dozens.. | 54,426 | Iron and steel, unwrought.do... | 7,175 |
| Beer and ale.....barrels.. | 2,737 | Iron, of all other sorts including manufactures of steel..tons.. | 3,486 |
| Books, printed .....cwt.. | 436 | Copper— | |
| Butter .....do.. | 31 | Unwrought.....cwt.. | 7,092 |
| Candles, of all sorts .....lbs.. | 18,000 | Wrought or manufactured, and yellow metal... cwt.. | 9 |
| Caoutchouc, manufactures of (value) | £92,009 | Tin, unwrought..... do... | 6 |
| Cement, for building and engineering purposes .....tons.. | 12 | Oil, seed .....tons.. | 2,472 |
| Chemical products and preparations (including dye stuffs) (value) .... | £51,737 | Painters' colors and materials (value) ..... | £4,096 |
| Coal, coke, cinders, and patent fuel, tons ..... | 465,754 | Paper of all sorts.....cwt.. | 17,988 |
| Cotton yarn .....lbs.. | 55,000 | Provisions, including meat (value) . | £6,056 |
| Cotton manufactures: | | Salt, rock and white .....tons.. | 54 |
| Piece goods.....yards.. | 2,480,100 | Silk, manufactures of all sorts, including mixed (value)..... | £512 |
| Of all other sorts (value) ..... | £366,795 | Skins and furs, of all sorts (value).. | £14,862 |
| Earthen and china ware, of all sorts (value)..... | 8,641 | Spirits, British and Irish, proof gallons ..... | 204,925 |
| Fish, herrings.....barrels.. | 66,868 | Sugar, refined and candy .....cwt.. | 116,514 |
| Glass, of all sorts (value)..... | £2,971 | Telegraphic wires and apparatus (value) ..... | £399 |
| Haberdashery and millinery (value) | 661 | Wool, sheep and lambs.....lbs.. | 162,500 |
| Hardware and cutlery, unenumerated (value)..... | 757 | Woolen and worsted yarn ....do... | 1,049,200 |
| Hats, of all sorts .....dozens.. | 456 | Yarn, alpaca, and other sorts..do... | 300 |
| Jute yarn.....lbs.. | 1,917,100 | Woolen and worsted manufactures: | |
| Jute, piece goods .....yards.. | 4,352,500 | Woolen tissues .....yards.. | 385,700 |
| Leather: | | Worsted coatings and stuffs, yards..... | 100 |
| Unwrought .....cwt.. | 1,119 | Flannels and carpets....yards.. | 161,900 |
| Wrought, boots and shoes and other sorts unenumerated (value) ..... | £9,623 | Blankets .....pairs.. | 175 |
| Wrought, saddlery and harness (value) ..... | 75 | Of all other sorts (value) ..... | £10,604 |
| Linen yarn .....lbs.. | 3,554,700 | | |
| Linen manufactures: | | | |
| Piece goods.....yards.. | 3,978,400 | | |
| Thread, and unenumerated (value) ..... | £66,379 | | |

*Principal exports at the port of Leith during the year 1892*—Continued.

FOREIGN PRODUCTS.

| Articles. | Quantities. | Articles. | Quantities. |
|---|---|---|---|
| Bacon and hams.....cwt.. | 61 | Metals, iron bars.....tons.. | 1 |
| Butter.....do... | 1,310 | Rice.....cwt.. | 2,149 |
| Margarine.....do... | 139 | Seeds, rape.....qrs.. | 392 |
| Cheese.....do... | 81 | Silk, manufactures of (value).....| £ 80 |
| Coffee.....do... | 272 | Spirits: | |
| Corn (grain): | | Brandy.....proof gallons.. | 488 |
| Wheat.....cwt. | 1,944 | Rum.....do..... | 24,068 |
| Wheat meal and flour.....do... | 108 | Geneva.....do..... | 679 |
| Cotton: | | Other unsweetened spirits, proof gallons..... | 441 |
| Raw.....do... | 7,232 | Sugar, refined, and candy.....cwt.. | 1,554 |
| Manufactures (value)..... | £ 27 | Tallow and stearine.....do... | 1 |
| Flax, dressed and undressed, and tow.....cwt.. | 460 | Tea.....lbs.. | 2,725 |
| Fruit, raisins.....do... | 19 | Tobacco: | |
| Guano.....tons.. | 6 | Unmanufactured.....do... | 5,479 |
| Hemp, dressed and undressed, and tow.....cwt.. | 240 | Manufactured, of all kinds, pounds..... | 10,332 |
| Hides, raw.....do... | 8 | Wine.....gals.. | 4,681 |
| Jute.....tons.. | 105 | Wool, sheep and lambs'.....lbs.. | 33,530 |
| Leather.....lbs.. | 3,100 | | |

| | |
|---|---|
| Total value of exports: | |
| Home products | $17,297,015 |
| Foreign | 390,342 |
| Total, during 1892 | 17,687,357 |
| Total, during 1991 | 18,739,674 |
| Decrease | 1,052,317 |

*Statement showing the navigation at the port of Leith for the year ending August 31, 1893.*

| Flag and from and to. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| BRITISH. | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| United States | 53 | 85,719 | 5 | 5,228 | 58 | 90,947 | 23 | 41,672 | 2 | 4,836 | 25 | 46,508 |
| Russia: | | | | | | | | | | | | |
| Northern ports | 51 | 37,193 | 2 | 385 | 53 | 37,578 | 43 | 41,080 | ..... | ..... | 43 | 41,080 |
| Southern ports | 19 | 21,115 | ..... | ..... | 19 | 21,115 | ..... | ..... | ..... | ..... | ..... | ..... |
| Norway | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1,844 | ..... | ..... | 3 | 1,844 |
| Denmark | 43 | 35,678 | ..... | ..... | 43 | 35,678 | 47 | 38,245 | ..... | ..... | 47 | 38,245 |
| Germany | 249 | 143,749 | 1 | 91 | 250 | 143,885 | 284 | 160,807 | 3 | 619 | 287 | 161,426 |
| Holland | 191 | 64,556 | 3 | 441 | 194 | 64,997 | 144 | 53,653 | 3 | 229 | 147 | 53,882 |
| Belgium | 134 | 76,531 | 1 | 157 | 135 | 76,688 | 132 | 75,164 | ..... | ..... | 132 | 75,164 |
| France | 74 | 38,104 | 7 | 591 | 81 | 38,695 | 62 | 35,354 | 5 | 682 | 67 | 36,036 |
| Spain | 20 | 11,923 | ..... | ..... | 20 | 11,923 | 4 | 1,936 | ..... | ..... | 4 | 1,936 |
| Portugal | 9 | 2,949 | 2 | 345 | 11 | 3,294 | 10 | 3,048 | ..... | ..... | 10 | 3,048 |
| Italy | ..... | ..... | ..... | ..... | ..... | ..... | 23 | 27,654 | ..... | ..... | 23 | 27,654 |
| Austria | 3 | 4,457 | ..... | ..... | 3 | 4,457 | 2 | 4,457 | ..... | ..... | 2 | 2,437 |
| Turkey | 15 | 15,916 | ..... | ..... | 15 | 15,916 | 2 | 2,552 | ..... | ..... | 2 | 2,552 |
| Roumania | 12 | 13,561 | ..... | ..... | 12 | 13,561 | ..... | ..... | ..... | ..... | ..... | ..... |
| Egypt | 1 | 1,039 | ..... | ..... | 1 | 1,039 | 3 | 3,509 | ..... | ..... | 3 | 3,509 |
| Brazil | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 3,239 | 4 | 3,239 |
| Chile | 1 | 1,199 | 3 | 3,037 | 4 | 4,236 | ..... | ..... | ..... | ..... | ..... | ..... |
| China | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 4,703 | ..... | ..... | 3 | 4,703 |
| All other countries | 23 | 23,196 | 5 | 1,310 | 28 | 24,506 | 3 | 3,648 | 1 | 614 | 4 | 4,262 |
| British Possessions: | | | | | | | | | | | | |
| North American colonies | 3 | 3,576 | ..... | ..... | 3 | 3,576 | ..... | ..... | 1 | 248 | 1 | 248 |
| Channel Islands | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 87 | 1 | 87 |
| East Indies | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1,572 | ..... | ..... | 1 | 1,572 |
| Australia | ..... | ..... | 1 | 1,848 | 1 | 1,848 | ..... | ..... | 1 | 1,711 | 1 | 1,711 |
| All other ports | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 875 | ..... | ..... | 1 | 875 |
| RUSSIAN. | | | | | | | | | | | | |
| Russia: | | | | | | | | | | | | |
| Northern ports | 1 | 529 | 5 | 1,341 | 6 | 1,870 | ..... | ..... | 4 | 1,076 | 4 | 1,076 |
| Sweden | ..... | ..... | 1 | 250 | 1 | 250 | ..... | ..... | 1 | 250 | 1 | 250 |
| Norway | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 355 | 1 | 355 |
| Denmark | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 817 | 3 | 817 |
| Germany | ..... | ..... | 2 | 380 | 2 | 380 | ..... | ..... | ..... | ..... | ..... | ..... |
| Belgium | ..... | ..... | 1 | 356 | 1 | 356 | ..... | ..... | ..... | ..... | ..... | ..... |

*Statement showing the navigation at the port of Leith, etc.*—Continued.

| Flag and from and to. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Ton* |
| **SWEDISH.** | | | | | | | | | | | | |
| Russia: Northern ports | 1 | 446 | 2 | 473 | 3 | 919 | 1 | 329 | 1 | 114 | 2 | |
| Sweden | | | 23 | 5,202 | 23 | 5,202 | 2 | 400 | 19 | 4,273 | 21 | 4, |
| Denmark | | | | | | | | | 3 | 800 | 3 | |
| Germany | | | | | | | | | 1 | 174 | 1 | |
| Spain | | | | | | | 2 | 756 | | | 2 | |
| All other countries | 1 | 412 | | | 1 | 412 | | | | | | |
| **NORWEGIAN.** | | | | | | | | | | | | |
| United States | | | 4 | 2,557 | 4 | 2,557 | | | 1 | 1,495 | 1 | 1, |
| Russia: | | | | | | | | | | | | |
| Northern ports | | | 9 | 2,629 | 9 | 2,629 | 1 | 484 | 2 | 1,391 | 3 | 1, |
| Southern ports | 1 | 1,128 | | | 1 | 1,128 | | | | | | |
| Norway | 23 | 8,570 | 52 | 8,304 | 75 | 16,874 | 3 | 1,391 | 40 | 7,082 | 43 | 8, |
| Sweden | | | 3 | 687 | 3 | 687 | 1 | 355 | 2 | 502 | 3 | |
| Denmark | 6 | 1,423 | 22 | 1,535 | 28 | 2,958 | 8 | 1,902 | 16 | 2,232 | 24 | 4, |
| Germany | 1 | 337 | 1 | 373 | 2 | 710 | | | 1 | 256 | 1 | |
| Holland | | | 1 | 126 | 1 | 126 | | | | | | |
| France | 2 | 603 | 1 | 285 | 3 | 888 | | | | | | |
| Italy | | | | | | | 4 | 4,206 | | | 4 | 4, |
| Austria | | | | | | | 2 | 2,448 | | | 2 | 2, |
| Brazil | | | | | | | 1 | 146 | 1 | 246 | 2 | |
| All other countries | 1 | 989 | 2 | 1,338 | 3 | 2,327 | 1 | 1,320 | 2 | 1,338 | 3 | 2, |
| British Possessions: | | | | | | | | | | | | |
| North American colonies | | | 3 | 2,248 | 3 | 2,248 | | | 1 | 839 | 1 | |
| West Indies | | | | | | | 1 | 1,042 | | | 1 | 1, |
| **DANISH.** | | | | | | | | | | | | |
| Russia: Northern ports | 5 | 1,867 | 22 | 4,071 | 27 | 5,938 | | | 1 | 158 | 1 | |
| Norway | | | 14 | 1,459 | 14 | 1,459 | | | 2 | 338 | 2 | |
| Sweden | | | 13 | 1,726 | 13 | 1,726 | | | 3 | 598 | 3 | |
| Denmark | 57 | 14,282 | 13 | 1,435 | 70 | 15,717 | 52 | 12,644 | 26 | 3,010 | 78 | 15, |
| Germany | 1 | 167 | 3 | 718 | 4 | 885 | | | 2 | 409 | 2 | |
| Holland | | | 1 | 100 | 1 | 100 | | | | | | |
| Belgium | | | 1 | 90 | 1 | 90 | | | | | | |
| British Possessions: Channel Islands | | | | | | | | | 1 | 133 | 1 | |
| **GERMAN.** | | | | | | | | | | | | |
| United States | 1 | 1,229 | | | 1 | 1,229 | | | | | | |
| Russia: Northern ports | 2 | 972 | 7 | 1,633 | 9 | 2,605 | | | 2 | 471 | 2 | |
| Norway | | | | | | | | | 1 | 112 | 1 | |
| Sweden | | | 1 | 107 | 1 | 107 | 1 | 245 | | | 1 | |
| Denmark | | | 4 | 526 | 4 | 526 | | | 2 | 194 | 2 | |
| Germany | 8 | 2,522 | 23 | 2,973 | 31 | 5,495 | 11 | 7,164 | 97 | 10,594 | 108 | 17, |
| Holland | | | 3 | 304 | 3 | 304 | | | | | | |
| France | 1 | 444 | | | 1 | 444 | | | | | | |
| Portugal | | | 1 | 154 | 1 | 154 | | | | | | |
| Chile | | | 2 | 2,392 | 2 | 2,392 | | | | | | |
| All other countries | | | 3 | 367 | 3 | 367 | | | | | | |
| British Possessions: Australia | | | 1 | 965 | 1 | 965 | | | 1 | 955 | 1 | |
| **DUTCH.** | | | | | | | | | | | | |
| Russia: Northern ports | | | | | | | | | 1 | 281 | 1 | |
| Sweden | | | 4 | 1,445 | 4 | 1,445 | | | 3 | 1,137 | 3 | 1, |
| Denmark | | | | | | | | | 1 | 328 | 1 | |
| Germany | | | 1 | 96 | 1 | 96 | | | 6 | 421 | 6 | |
| Holland | 71 | 40,268 | 3 | 1,260 | 74 | 41,528 | 65 | 37,018 | | | 65 | 37, |
| Belgium | 43 | 22,698 | | | 43 | 22,698 | 47 | 25,062 | | | 47 | 25, |
| France | 8 | 3,296 | | | 8 | 3,296 | 5 | 2,062 | | | 5 | 2, |
| British Possessions: Australia | | | 1 | 1,113 | 1 | 1,113 | | | | | | |
| **FRENCH.** | | | | | | | | | | | | |
| Norway | | | | | | | | | 1 | 106 | 1 | |
| France | | | 7 | 690 | 7 | 690 | | | 3 | 233 | 3 | |
| **ITALIAN.** | | | | | | | | | | | | |
| Italy | | | | | | | | | 1 | 581 | 1 | |
| Austria | | | | | | | | | 1 | 605 | 1 | |
| All other countries | | | 2 | 1,369 | 2 | 1,369 | | | 2 | 1,264 | 2 | 1, |

*Statement showing the navigation at the port of Leith, etc.*—Continued.

| Flag and from or to. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| AUSTRIAN. | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Austria | 4 | 3,728 | .... | ..... | 4 | 3,728 | 5 | 4,978 | 1 | 535 | 6 | 5,513 |
| GRECIAN. | | | | | | | | | | | | |
| All other countries | 1 | 1,045 | .... | ..... | 1 | 1,045 | ..... | ..... | .... | ..... | ..... | ..... |
| PORTUGUESE. | | | | | | | | | | | | |
| Portugal | ..... | ..... | 1 | 277 | 1 | 277 | ..... | ..... | 1 | 277 | 1 | 277 |
| Total | 1,140 | 687,461 | 293 | 66,787 | 1,433 | 754,248 | 1,003 | 603,705 | 279 | 58,245 | 1,282 | 661,950 |
| Total, 1892 | 1,174 | 708,364 | 302 | 70,203 | 1,476 | 778,567 | 997 | 588,661 | 328 | 70,149 | 1,325 | 658,810 |
| Increase | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 15,044 | ..... | ..... | ..... | 3,140 |
| Decrease | 34 | 20,903 | 9 | 3,416 | 43 | 24,319 | ..... | ..... | 49 | 11,904 | 43 | ..... |

*Value of declared exports from Leith and Galashiels to the United States during the year ending September 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| LEITH. | | | | | |
| Ale | $5,461.53 | $12,642.13 | $9,639.73 | $3,886.63 | $31,630.09 |
| Baths, fireclay | ..... | ..... | 534.95 | ..... | 534.21 |
| Biscuits | 1,510.48 | 1,128.05 | 695.75 | 905.82 | 4,240.50 |
| Books | 7,265.06 | 18,649.18 | 7,871.62 | 11,857.37 | 45,643.23 |
| Brass-wire cloth | 2,570.97 | 6,813.77 | 7,784.07 | 2,913.45 | 20,082.26 |
| Breeding animal (collie dog) | ..... | ..... | ..... | 17.76 | 17.76 |
| Bronze medallions | ..... | ..... | 71.90 | ..... | 71.90 |
| Butter | ..... | ..... | 467.18 | ..... | 467.18 |
| Canvas, Tynecastle | ..... | ..... | ..... | 169.25 | 169.25 |
| Carpets | ..... | 297.26 | ..... | ..... | 297.26 |
| Celluloid goods | 843.17 | 126.45 | 840.44 | 407.57 | 2,217.63 |
| Cement | ..... | ..... | 4,759.64 | ..... | 4,759.64 |
| Coal | ..... | ..... | ..... | 918.55 | 918.55 |
| Composition, antifouling | ..... | 376.28 | ..... | ..... | 376.28 |
| Corkwood | 3,867.83 | 14,558.93 | 15,805.95 | ..... | 34,232.71 |
| Curry powder | ..... | ..... | ..... | 55.60 | 55.60 |
| Cycle tires and rims | ..... | ..... | 301.72 | 302.82 | 604.54 |
| Engravings | ..... | ..... | ..... | 378.63 | 378.63 |
| Firebricks | 1,034.82 | ..... | 1,090.34 | 532.40 | 2,657.56 |
| Fishing-net seines | 237.30 | 1,308.81 | 845.70 | 1,508.53 | 3,900.34 |
| Fish, preserved | ..... | 350.39 | ..... | 7,614.90 | 7,965.29 |
| Freestone | ..... | 127.87 | ..... | 725.15 | 853.02 |
| Fruit preserves | ..... | 29.93 | 266.24 | ..... | 296.17 |
| Furniture | 720.83 | ..... | ..... | 415.23 | 1,136.06 |
| Gelatine | 33,381.92 | 55,631.01 | 43,001.55 | 29,947.43 | 161,961.91 |
| Glassware | 869.22 | 387.96 | 568.20 | 154.27 | 1,979.65 |
| Globe covers | ..... | ..... | 107.61 | ..... | 107.61 |
| Golf goods | ..... | ..... | 170.57 | ..... | 170.57 |
| Grass seed | ..... | ..... | ..... | 1,740.63 | 1,740.63 |
| Grindstones | 318.94 | ..... | 596.69 | ..... | 915.63 |
| Guns | ..... | ..... | ..... | 569.50 | 569.50 |
| Herrings, kippered and salt | 4,822.11 | ..... | 1,888.59 | ..... | 6,710.70 |
| Household and personal effects | ..... | 1,219.30 | 3,009.30 | 1,940.64 | 6,229.24 |
| Jewelry | ..... | ..... | 197.82 | 74.27 | 272.09 |
| Leather goods | ..... | ..... | ..... | 768.12 | 768.12 |
| Lemon and lime juice | 240.77 | 402.82 | 8,361.78 | 251.82 | 9,257.19 |
| Linen goods | 668.17 | ..... | ..... | ..... | 668.17 |
| Machinery | ..... | ..... | 97.33 | 87.25 | 184.58 |
| Maps | 2,538.29 | 1,704.65 | 651.89 | 2,563.53 | 7,458.36 |
| Medicinal preparations | 8,392.90 | 6,677.08 | 8,130.48 | 2,331.76 | 25,532.22 |
| Model of statue | ..... | ..... | 28.10 | ..... | 28.10 |
| Moquette | 244.80 | 243.75 | ..... | 123.91 | 611.96 |
| Napery | ..... | 130.18 | ..... | ..... | 130.18 |
| Oleostearine | 3,510.45 | 7,891.64 | ..... | ..... | 11,402.09 |
| Oil paintings | 778.39 | 854.80 | ..... | 102.93 | 1,736.12 |
| Oils | 167.12 | 331.10 | ..... | ..... | 498.22 |
| Oxide of iron | ..... | ..... | 108.06 | ..... | 108.06 |
| Paper | 2,555.66 | 3,895.13 | 3,101.95 | 412.54 | 9,965.28 |
| Paper stock | 3,030.06 | 5,832.33 | 3,078.57 | 164.02 | 12,105.98 |
| Plaster casts | 197.82 | ..... | ..... | ..... | 197.82 |
| Potatoes | ..... | 11,377.49 | ..... | ..... | 11,377.49 |
| Printing ink | 740.85 | 1,001.30 | 438.21 | 569.34 | 2,749.70 |
| Provisions, preserved | ..... | 427.20 | ..... | ..... | 427.20 |

*Value of declared exports from Leith and Galashiels to the United States, etc.*—Co

| Articles. | Quarter ending— | | | | Tot |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| LEITH—continued. | | | | | |
| Raspberry vinegar | | | $143.20 | | $ |
| Rubber, manufactures of | | | | $263.18 | |
| Sealing wax | | | 150.13 | | |
| Sheepskins, dressed | $298.69 | | 589.58 | | |
| Spirits | 10,259.15 | $7,188.47 | 3,611.31 | 6,102.91 | 27, |
| Stained glass | | 228.72 | | | |
| Stereotype plates | 301.36 | 310.00 | 147.21 | | |
| Vulcanite goods | 200.56 | 1,135.76 | 1,069.21 | | 2, |
| Waterproof goods | | 727.12 | 99.07 | 212.87 | 1, |
| Water-color drawings | | | | 1,349.48 | 1, |
| Wearing apparel | 132.79 | | | 217.78 | |
| Wines | 698.32 | 235.29 | 727.05 | | 1, |
| Wool | 56,612.54 | 126,964.09 | 10,363.09 | 5,130.99 | 199, |
| Woolen cloth (tweeds) | 915.44 | 1,950.01 | 277.74 | 1,004.99 | 4, |
| Total, Leith | 155,387.81 | 293,157.25 | 141,749.52 | 88,693.82 | 678, |
| GALASHIELS. | | | | | |
| Fishing tackle | | | | 116.55 | |
| Harness | | | 142.34 | | |
| Salmon flies | | 214.49 | | | |
| Scotch whisky | | 141.00 | | | |
| Woolen goods, being— | | | | | |
| British woolens and worsteds | 811.30 | 6,905.70 | 375.71 | 6,388.33 | 14, |
| Scotch tweeds | 42,791.54 | 36,480.06 | 5,476.11 | 47,624.13 | 132, |
| Woolen cloth | | | 16,660.40 | | 16, |
| Woolen hosiery | | | | 185.25 | |
| Total, Galashiels agency | 43,602.84 | 43,741.25 | 22,654.56 | 54,314.26 | 164, |
| Total, consular district | 198,990.65 | 337,898.50 | 164,404.08 | 143,008.08 | 843, |
| Total for preceding year | 258,003.86 | 202,783.94 | 157,005.80 | 233,001.07 | 850, |
| Increase | | 134,114.56 | 7,398.19 | | |
| Decrease | 59,013.21 | | | 89,992.99 | 7, |

## IMPORTS AT LEITH FROM THE UNITED STATES.

*Imports from New York by Arrow Line of steamships during the year ending Sept 30, 1893.*

| | | | |
|---|---|---|---|
| Wheat | bush.. | 1,244,359 | |
| Corn | do... | 93.774 | |
| Oats | do... | 10,749 | |
| Barley | do... | 9,923 | |
| Pease | do... | 7,124 | |
| Flour | sacks.. | 398,596 | |
| Woodenware | packages.. | 2,257 | |
| Lard | do... | 9,750 | |
| Provisions (small articles), packages | | 12,654 | |
| Lubricating oil | bbls.. | 4,509 | |
| Oil cake | bags.. | 3,661 | |
| Leather | bales.. | 87 | |
| Tobacco | bbls.. | | |
| Staves | packages.. | 6 | |
| Hay | bales.. | 1 | |
| Glucose | bbls.. | | |
| Paraffin scale | do... | 1 | |
| Stove polish | boxes.. | | |
| Canned fruits | do... | | |
| Paint | bbls.. | | |
| Soap | boxes.. | | |
| Bark | bales.. | | |
| Rubber | do... | | |
| Seed | bags.. | | |

*Imports from Baltimore by Empire Line of steamships during the year ending Ju 1893.*

| | | | |
|---|---|---|---|
| Flour | sacks.. | 256,633 | |
| Wheat | bush.. | 360,448 | |
| Corn | do... | 132,344 | |
| Lard | tierces.. | 275 | |
| Washboards | packages.. | 200 | |
| White wood | logs.. | 151 | |
| Walnut | do... | 835 | |
| Hickory | do... | 598 | |
| Poplar | do... | 346 | |
| Oak | do... | 146 | |
| Hickory butts | | 121 | |
| Oak lumber | pieces.. | 5,686 | |
| Seed | bags.. | | |
| Oil cake | do... | | |
| Gluten meal | do... | | |
| Staves | packages.. | 1 | |
| Tobacco | hhds.. | | |
| Canned goods | boxes.. | | |
| Brooms | cases.. | | |
| Hops | bales.. | | |
| Rosin | bbls.. | | |
| Spokes | cases.. | | |
| Desks | do... | | |

*Imports from Newport News by Furness Steamship Line during the year ending September 30, 1893.*

| | | |
|---|---|---|
| Flour | sacks.. | 14,700 |
| Tobacco | hhds.. | 268 |

F. H. UNDERWOOD,
*Consul.*

LEITH, *October 20, 1893.*

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## LIVERPOOL.

*Total value of imports into, and total exports (the produce of the United Kingdom), from the port of Liverpool during the years 1886 to 1892.*

| Year. | Imports. | Exports. |
|---|---|---|
| 1886 | $432,787,224 | $418,661,627 |
| 1887 | 453,103,190 | 444,952,278 |
| 1888 | 473,195,608 | 472,960,694 |
| 1889 | 540,921,242 | 498,863,023 |
| 1890 | 527,901,729 | 508,702,462 |
| 1891 | 560,844,606 | 467,149,564 |
| 1892 | 581,428,140 | 486,218,378 |

*Imports by quantities.*

| Principal articles. | 1891. | 1892. | Increase. | Decrease. |
|---|---|---|---|---|
| Animals, living: | | | | |
| Oxen, bulls and cows.....number.. | 180,987 | 229,327 | 48,340 | |
| Sheep and lambs.....do.... | 50,745 | 42,359 | | |
| Horses.....do.... | 2,552 | 2,097 | | 455 |
| Bones, except whale fins.....tons.. | 21,386 | 22,097 | 711 | |
| Caoutchouc.....cwt.. | 223,869 | 217,173 | | 6,696 |
| Chemical manufactures | $1,525,681 | $2,061,675 | $535,994 | |
| Cocoa.....pounds.. | 3,097,386 | 2,740,586 | | 356,800 |
| Coffee.....cwt.. | 39,457 | 30,575 | | 8,882 |
| Corn: | | | | |
| Wheat.....do.... | 18,096,337 | 20,576,294 | 2,479,957 | |
| Barley.....do.... | 597,105 | 834,760 | 237,655 | |
| Oats.....do.... | 141,236 | 623,685 | 482,449 | |
| Peas.....do.... | 796,301 | 669,526 | | 126,775 |
| Beans.....do.... | 1,012,430 | 954,323 | | 58,107 |
| Indian corn.....do.... | 7,035,672 | 8,917,203 | 1,881,531 | |
| Wheat, meal, and flour.....do.... | 3,489,813 | 4,548,284 | 1,058,471 | |
| Cotton: | | | | |
| Raw.....do.... | 17,081,101 | 14,863,493 | | |
| Manufactures | $798,728 | $819,167 | $20,439 | |
| Drugs: Peruvian bark.....cwt.. | 2,037 | 2,605 | 568 | |
| Dyes and dyeing stuffs: | | | | |
| Indigo.....do.... | 3,920 | 7,084 | 3,164 | |
| Coal tar | $2,525 | $7,489 | $4,964 | |
| Farinaceous substances, unenumerated | $1,240,613 | $1,066,282 | | $154,331 |
| Flax.....cwt.. | 62,933 | 22,366 | | 40,567 |
| Fruit: | | | | |
| Currants.....do.... | 507,280 | 411,504 | | 95,776 |
| Oranges and lemons.....bushels.. | 2,267,510 | 2,796,613 | 529,103 | |
| Raisins.....cwt.. | 190,690 | 231,496 | 40,806 | |
| Apples, raw.....bushels.. | 1,446,868 | 2,015,196 | 568,328 | |
| Unenumerated.....do.... | 664,932 | 206,287 | | 458,645 |
| Glass of all kinds.....cwt.. | 117,166 | 146,510 | 29,344 | |
| Hemp.....do.... | 569,935 | 502,309 | | 67,356 |
| Hides: raw.....do.... | 239,130 | 173,247 | | 65,883 |
| Hops.....do.... | 53,994 | 49,694 | | 4,300 |
| Jute.....tons.. | 5,405 | 2,852 | | 2,553 |
| Leather.....pounds.. | 33,773,422 | 30,416,283 | | 3,357,139 |
| Leather gloves.....dozen pairs.. | 300 | 223 | | 77 |
| Linen yarn.....pounds.. | 601,810 | 175,740 | | 426,070 |
| Manures: | | | | |
| Guano.....tons.. | 2,416 | 2,470 | 54 | |
| Phosphate of lime, etc.....do.... | 34,198 | 68,407 | 34,209 | |
| Unenumerated.....do.... | 8,390 | 5,356 | | 3,034 |

*Imports by quantities*—Continued.

| Principal articles. | 1891. | 1892. | Increase. | Decrease. |
|---|---|---|---|---|
| **Metals:** | | | | |
| Copper ore and regulus ..... tons.. | 70,800 | 71,354 | 554 | ..... |
| Unwrought and part wrought ..... do.... | 18,347 | 17,801 | ..... | 546 |
| Iron ore ..... do.... | 25,086 | 74,636 | 49,550 | ..... |
| Pig ..... do.... | 587 | 1,061 | 474 | ..... |
| Bar ..... do.... | 4,703 | 3,729 | ..... | 974 |
| Steel, manufactures, unenumerated ..... cwt.. | 179,717 | 180,747 | 1,030 | ..... |
| Lead, pig and sheet ..... tons.. | 15,083 | 16,340 | 1,257 | ..... |
| Pyrites of iron and copper ..... do.... | 237,221 | 212,574 | ..... | 24,647 |
| Tin in ingots, bars, etc ..... cwt... | 19,508 | 21,114 | 1,606 | ..... |
| Zinc: crude, manufactures ..... do.... | 172,915 | 162,761 | ..... | 10,154 |
| **Oil:** | | | | |
| Train, blubber, and sperm ..... tons.. | 1,814 | 2,210 | 396 | ..... |
| Olive ..... do.... | 3,491 | 3,781 | 290 | ..... |
| Palm ..... cwt.. | 997,785 | 991,015 | ..... | 6,770 |
| Seed ..... do.... | 5,127 | 3,685 | ..... | 1,442 |
| Oilseed cake ..... tons.. | 79,368 | 99,380 | 20,012 | ..... |
| Onions ..... bushels.. | 1,359,667 | 1,329,212 | ..... | 30,445 |
| Painters' colors ..... | $585,196 | $597,697 | $12,501 | ..... |
| Paper of all kinds, except hanging ..... cwt.. | 100,198 | 106,254 | 6,056 | ..... |
| Petroleum ..... gallons.. | 29,999,685 | 28,581,097 | ..... | 1,418,588 |
| **Provisions:** | | | | |
| Bacon and hams ..... cwt.. | 2,928,302 | 3,220,831 | 292,528 | ..... |
| Beef, salted and fresh ..... do.... | 1,545,446 | 1,690,266 | 144,820 | ..... |
| Pork, salted and fresh ..... do.... | 106,597 | 123,293 | 6,696 | ..... |
| Mutton, fresh ..... do.... | 352,388 | 441,079 | 88,691 | ..... |
| Meat, unenumerated, preserved ..... do.... | 265,257 | 284,556 | 19,299 | ..... |
| Butter ..... do.... | 70,732 | 48,859 | ..... | 21,873 |
| Margarin ..... do.... | 2,689 | 3,374 | 685 | ..... |
| Cheese ..... do.... | 735,120 | 711,482 | ..... | 23,635 |
| Eggs ..... great hundreds.. | 283,503 | 256,011 | ..... | 27,492 |
| Fish ..... cwt.. | 467,659 | 456,045 | ..... | 11,614 |
| Lard ..... do.... | 613,749 | 678,205 | 64,456 | ..... |
| Potatoes ..... do.... | 49,811 | 52,619 | 2,808 | ..... |
| Rice ..... do.... | 2,729,626 | 3,392,967 | 663,341 | ..... |
| Rags and other materials for paper-making .... tons.. | 44,726 | 47,184 | 2,458 | ..... |
| Saltpeter and cubic niter ..... cwt.. | 737,541 | 735,061 | ..... | 2,480 |
| **Seeds:** | | | | |
| Clover and grass ..... do.... | 14,578 | 22,739 | 8,161 | ..... |
| Cotton ..... tons.. | 82,484 | 87,837 | 5,353 | ..... |
| Flax and linseed ..... quarters.. | 229,665 | 191,647 | ..... | 38,018 |
| Rape ..... do... | 104 | 8,538 | 8,434 | ..... |
| **Silk:** | | | | |
| Raw ..... pounds.. | 17,662 | 2,797 | ..... | 14,865 |
| Manufactures ..... | $95,154 | $21,427 | ..... | $73,727 |
| **Skins:** | | | | |
| Sheep and lambs', undressed ..... number.. | 998,919 | 671,087 | ..... | 321,939 |
| Spices: Pepper ..... pounds.. | 1,253,242 | 1,390,077 | 136,835 | ..... |
| **Spirits:** | | | | |
| Rum ..... proof gallons.. | 2,022,338 | 1,678,252 | ..... | 344,086 |
| Brandy ..... do.... | 511,721 | 473,283 | ..... | 38,438 |
| Geneva ..... do.... | 52,607 | 53,663 | 1,056 | ..... |
| Other unsweetened spirits ..... do.... | 198,549 | 155,297 | ..... | 43,252 |
| Straw platting for hats ..... cwt.. | 27,188 | 129,515 | 102,377 | ..... |
| **Sugar:** | | | | |
| Refined ..... cwt.. | 375,414 | 264,440 | ..... | 110,974 |
| Unrefined ..... do.... | 5,497,486 | 5,999,985 | 502,499 | ..... |
| Tallow and stearin ..... do.... | 479,210 | 435,312 | ..... | 43,898 |
| Tea ..... pounds.. | 89,154 | 60,683 | ..... | 28,471 |
| **Tobacco:** | | | | |
| Unmanufactured ..... do.... | 31,306,770 | 29,609,588 | ..... | 1,697,182 |
| Manufactured ..... do.... | 1,368,258 | 1,601,213 | 227,955 | ..... |
| Vegetables, raw ..... | $709,014 | $620,845 | ..... | $88,169 |
| Wine ..... gallons.. | 2,054,416 | 1,941,679 | ..... | 112,737 |
| **Wood and timber:** | | | | |
| Hewn ..... loads.. | 147,996 | 173,874 | 25,888 | ..... |
| Sawed or split ..... do.... | 480,796 | 543,237 | 62,441 | ..... |
| Staves ..... do.... | 22,129 | 26,427 | 4,298 | ..... |
| Mahogany ..... tons.. | 16,875 | 22,340 | 5,465 | ..... |
| **Wool:** | | | | |
| Sheep and lambs' ..... pounds.. | 59,424,967 | 71,522,703 | 12,097,736 | ..... |
| Goats' wool or hair ..... do.... | 7,507,595 | 8,717,176 | 1,209,581 | ..... |
| **Woolens:** | | | | |
| Yarn ..... do.... | 11,650 | 23,073 | 11,423 | ..... |
| Rags ..... tons.. | 2,198 | 1,544 | 654 | ..... |
| Manufacture ..... | $334,736 | $351,912 | $17,126 | ..... |

*Produce of the United Kingdom exported from the port of Liverpool, during the years 1891 and 1892.*

| Principal articles. | 1891. | 1892. | Increase. | Decrease. |
|---|---|---|---|---|
| Alkali.....cwt.. | 5, 231, 287 | 5, 084, 700 | ..... | 146, 537 |
| Apparel..... | $3, 448, 543 | $3, 441, 691 | ..... | $6, 852 |
| Arms and ammunition: | | | | |
| Gunpowder.....pounds.. | 5, 392, 500 | 3, 700, 300 | ..... | 1, 692, 200 |
| Firearms, small.....number.. | 120, 706 | 81, 453 | ..... | 39, 253 |
| Of all other sorts..... | $678. 268 | $670, 539 | ..... | $7, 729 |
| Bags and sacks, empty.....dozen.. | 901, 740 | 942, 237 | 40, 497 | ..... |
| Beer and ale.....barrels.. | 83, 227 | 84, 304 | 1, 077 | ..... |
| Books, printed.....cwt.. | 49, 944 | 49, 207 | ..... | 737 |
| Butter.....do... | 18, 420 | 11, 718 | ..... | 6, 702 |
| Candles of all sorts.....pounds.. | 3, 194, 100 | 3, 900, 800 | 706, 700 | ..... |
| Caoutchouc, manufactures of..... | $1, 213, 227 | $1, 278, 792 | $65, 565 | ..... |
| Cement for building and engineering purposes..tons.. | 10, 945 | 6, 721 | ..... | 4, 224 |
| Chemical products, including dyestuffs..... | $5, 422, 497 | $4, 991, 215 | ..... | $431, 282 |
| Coal, coke, and patent fuel.....tons.. | 589, 838 | 442, 025 | ..... | 147, 813 |
| Cotton yarn.....pounds.. | 107, 593, 000 | 98, 341, 700 | ..... | 9, 251, 300 |
| Cotton, manufactures: | | | | |
| Piece goods.....yards.. | 3,757 270,700 | 3,747,774,300 | ..... | 9, 496, 400 |
| Of all other sorts..... | $18, 398, 775 | $18, 540. 443 | $141, 668 | ..... |
| Earthenware and chinaware..... | $6, 981. 137 | $6, 923, 823 | ..... | 57, 314 |
| Fish, herrings.....barrels.. | 65, 497 | 78, 725 | 13, 228 | ..... |
| Glass of all sorts..... | $2, 456, 492 | $2, 195, 229 | ..... | $261, 263 |
| Haberdashery and millinery..... | $3, 178, 257 | $2, 866, 340 | ..... | $311, 917 |
| Hardware and cutlery unenumerated..... | $5, 029, 769 | $4, 639, 283 | ..... | $390, 486 |
| Hats of all sorts.....dozen.. | 308, 490 | 317, 153 | 8, 663 | ..... |
| Jute yarn.....pounds.. | 9, 712, 200 | 5, 759, 500 | ..... | 3, 952, 700 |
| Jute, piece goods.....yards.. | 28, 860, 100 | 51, 220, 600 | 22, 360, 500 | ..... |
| Leather: | | | | |
| Unwrought.....cwt.. | 16, 523 | 16, 067 | ..... | 456 |
| Wrought, boots, etc..... | $1, 527, 301 | $1, 494, 872 | ..... | $32, 429 |
| Saddlery and harness..... | $709, 024 | $678, 091 | ..... | $30, 933 |
| Linen yarn.....pounds.. | 5, 021, 000 | 5, 638, 000 | 617, 000 | ..... |
| Linen manufactures: | | | | |
| Piece goods.....yards.. | 88, 620, 600 | 96, 881, 000 | 8, 260, 400 | ..... |
| Thread, unenumerated..... | $3, 545, 065 | $3, 397, 227 | ..... | $147, 838 |
| Machinery and mill work..... | $27, 437, 210 | $23, 471, 447 | ..... | $3, 965, 763 |
| Manure, chemical..... | 50, 873 | 58, 824 | 7, 951 | ..... |
| Metals: | | | | |
| Iron, pig, puddled and angle.....tons.. | 184, 446 | 163, 853 | ..... | 20. 593 |
| Iron, railroad, of all sorts .....do.... | 170, 459 | 102, 795 | ..... | 67, 664 |
| Steel: | | | | |
| Unwrought..... | 28, 815 | 29, 896 | 1, 081 | ..... |
| Of all other sorts..... | 493, 133 | 395, 094 | ..... | 98, 039 |
| Copper: | | | | |
| Unwrought.....cwt.. | 96, 148 | 113, 541 | 17, 393 | ..... |
| Wrought or manufactured and yellow metal.....cwt.. | 295, 538 | 315, 751 | 20, 213 | ..... |
| Lead of all sorts.....tons.. | 2, 343 | 2, 149 | ..... | 194 |
| Tin, unwrought.....cwt.. | 27, 161 | 31, 480 | 4, 319 | ..... |
| Oil seed.....tons.. | 10, 135 | 8, 142 | ..... | 1, 993 |
| Painters' colors, etc.....-..... | $1, 346, 031 | $1, 265, 252 | $19, 221 | ..... |
| Paper of all sorts.....cwt.. | 105, 466 | 111, 035 | 5, 569 | ..... |
| Provisions, including meat..... | $1, 135, 048 | $804, 670 | ..... | $330, 378 |
| Salt (rock and white).....tons.. | 547, 802 | 527, 833 | ..... | 19, 969 |
| Silk: | | | | |
| Thrown, twist, yarn.....pounds.. | 782, 138 | 427, 147 | ..... | 354, 991 |
| Manufactures of all sorts..... | $4, 331, 596 | $4, 798, 627 | $467, 029 | ..... |
| Skins and furs of all sorts..... | $4, 669, 782 | $3, 755, 603 | ..... | 914, 179 |
| Spirits, British and Irish proof.....gallons.. | 596, 739 | 504, 102 | ..... | 92, 637 |
| Sugar, refined, and candy.....cwt.. | 369, 315 | 554, 353 | 185, 038 | ..... |
| Telegraph wires, etc..... | $108, 712 | $240, 220 | $131, 508 | ..... |
| Wool, sheep and lambs.....pounds.. | 4, 597, 000 | 4, 786, 900 | 189, 900 | ..... |
| Woolen and worsted yarn.....do.... | 922, 300 | 873, 900 | ..... | 48, 400 |
| Woolen and worsted manufactures: | | | | |
| Woolen tissues.....yards.. | 22, 585, 500 | 22, 451, 900 | ..... | 133, 600 |
| Worsted coatings, etc.....do.... | 75, 393, 500 | 79, 068, 200 | 3, 674, 700 | ..... |
| Damask and plushes .....do.... | 92, 000 | 72, 100 | ..... | 19. 900 |
| Flannels and carpets .....do.... | 7, 069, 000 | 6, 549, 800 | ..... | 519, 200 |
| Blankets.....pairs.. | 533, 931 | 459, 917 | ..... | 74, 014 |
| Yarn (alpaca, mohair), unenumerated .....pounds.. | 434, 400 | 513, 800 | 79, 400 | ..... |
| All other articles ..... | $3, 022, 090 | $2, 683, 657 | ..... | $338, 433 |

*Foreign and colonial produce exported from the port of Liverpool, during the years 1891 and 1892.*

| Principal articles. | 1891. | 1892. | Increase. | Decrease. |
|---|---|---|---|---|
| Bacon and hams ..... cwt.. | 97, 229 | 61, 173 | ..... | 36, 056 |
| Butter ..... do.... | 5, 459 | 5, 321 | ..... | 138 |
| Margarine ..... do.... | 413 | 378 | ..... | 35 |
| Caoutchouc ..... do.... | 109, 978 | 96, 962 | ..... | 13, 016 |
| Cheese ..... do.... | 22, 173 | 31, 574 | 9, 401 | ..... |
| Cocoa ..... pounds.. | 619, 421 | 845, 753 | 226, 332 | ..... |
| Coffee ..... cwt.. | 31, 206 | 24, 548 | ..... | 6, 658 |
| Corn: | | | | |
| Wheat ..... cwt.. | 149, 525 | 229, 261 | 79, 736 | ..... |
| Wheat, meal, and flour ..... do.... | 61, 865 | 41, 253 | ..... | 20, 612 |
| Cotton: | | | | |
| Raw ..... cwt.. | 674, 707 | 923, 210 | 248, 503 | ..... |
| Manufactures ..... | $528, 492 | $608, 202 | 79, 710 | ..... |
| Drugs, Peruvian bark ..... cwt.. | 13 | 833 | 820 | ..... |
| Dyes and dyeing stuffs: | | | | |
| Cochineal ..... cwt.. | 377 | 587 | 210 | ..... |
| Indigo ..... do.... | 1, 408 | 5, 153 | 3, 745 | ..... |
| Flax, dressed, undressed, and tow ..... do.... | 15, 525 | 8, 679 | ..... | 6, 846 |
| Fruit: | | | | |
| Currants ..... cwt.. | 6, 872 | 5, 789 | ..... | 1, 083 |
| Raisins ..... do.... | 8, 133 | 18, 634 | 10, 601 | ..... |
| Guano ..... tons.. | 30 | 12 | ..... | 18 |
| Hemp (dressed, undressed, and tow) ..... cwt.. | 253, 459 | 188, 442 | ..... | 65, 047 |
| Hides, raw ..... do.... | 36, 397 | 60, 885 | 24, 468 | ..... |
| Jute ..... tons.. | 699 | 970 | 271 | ..... |
| Lard ..... cwt.. | 17, 686 | 17, 502 | ..... | 184 |
| Leather ..... pounds.. | 1, 642, 075 | 1, 794, 568 | 152, 493 | ..... |
| Metals, copper, part: | | | | |
| Wrought and old copper ..... tons.. | 2, 751 | 1, 769 | ..... | 982 |
| Iron bars ..... do.... | 2, 670 | 2, 783 | ..... | 887 |
| Tin in ingots and slabs ..... cwt.. | 10, 247 | 5, 095 | ..... | 5, 152 |
| Oil: | | | | |
| Cocoanut ..... tons.. | 2, 165 | 2, 517 | 352 | ..... |
| Palm ..... do.... | 507, 021 | 633, 210 | 126, 189 | ..... |
| Quicksilver ..... pounds.. | 770, 645 | 861, 575 | 90, 930 | ..... |
| Rice ..... cwt.. | 2, 065, 941 | 2, 245, 038 | 179, 097 | ..... |
| Seeds: | | | | |
| Flax or linseed ..... quarts.. | 618 | 2, 421 | 1, 803 | ..... |
| Rape ..... do.... | 74 | 7 | 67 | ..... |
| Silk: | | | | |
| Raw ..... pounds.. | 15, 714 | 18, 971 | 3, 257 | ..... |
| Thrown ..... do.... | 454 | 987 | 533 | ..... |
| Manufactures ..... | $549, 228 | $701, 142 | $151, 914 | ..... |
| Spices: | | | | |
| Cinnamon ..... pounds.. | 155, 949 | 120, 972 | ..... | 34, 977 |
| Pepper ..... do.... | 475, 968 | 782, 002 | 306, 034 | ..... |
| Spirits: | | | | |
| Brandy ..... proof gallons.. | 10, 870 | 12, 186 | 1, 316 | ..... |
| Geneva ..... do.... | 1, 077 | 1, 551 | 474 | ..... |
| Rum ..... do.... | 31, 448 | 38, 161 | 6, 713 | ..... |
| Other unsweetened spirits ..... do.... | 10, 555 | 3, 391 | ..... | 7, 164 |
| Mixed in bond ..... do.... | 152, 138 | 162, 045 | 9, 907 | ..... |
| Sugar: | | | | |
| Refined and candy ..... cwt.. | 9, 883 | 27, 774 | 7, 891 | ..... |
| Unrefined ..... do.... | 113, 410 | 86, 185 | ..... | 27, 225 |
| Molasses ..... do.... | 6, 273 | 783 | ..... | 5, 490 |
| Tallow and stearine ..... do.... | 39, 817 | 30, 449 | ..... | 9, 368 |
| Tea ..... do.... | 117, 025 | 163, 126 | 46, 101 | ..... |
| Tobacco: | | | | |
| Unmanufactured ..... pounds.. | 4, 771, 638 | 5, 002, 816 | 1, 231, 178 | ..... |
| Manufactured of all kinds ..... do.... | 525, 378 | 537, 122 | 11, 744 | ..... |
| Wine ..... gallons.. | 60, 337 | 76, 654 | 16, 317 | ..... |
| Wool, sheep and lambs ..... pounds.. | 25, 971, 100 | 34, 332, 323 | 8, 361 223 | ..... |

NAVIGATION BY COUNTRIES.

*British and foreign vessels (including their repeated voyages) that entered and cleared to and from foreign countries and British Possessions at the port of Liverpool during the year 1892.*

| Countries whence entered and to which cleared. | Entered. | | Cleared. | |
|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* |
| Russia: | | | | |
| Northern ports | 42 | 25,887 | 29 | 20,538 |
| Southern ports | 37 | 45,349 | 47 | 66,617 |
| Sweden | 70 | 45,858 | 46 | 28,539 |
| Norway | 148 | 75,341 | 96 | 50,314 |
| Denmark | 58 | 9,424 | 99 | 27,574 |
| Germany | 140 | 107,764 | 113 | 83,528 |
| Holland | 33 | 25 880 | 103 | 68,332 |
| Dutch Possessions in India: | | | | |
| Java | 47 | 65,194 | 31 | 36,524 |
| Dutch West India Islands | 1 | 194 | | |
| Dutch Guiana | | | 1 | 265 |
| Belgium | 81 | 59,967 | 74 | 48,525 |
| France | 336 | 192,990 | 275 | 130,972 |
| Algeria | 28 | 22,595 | | |
| French Possessions in West Africa | | | 1 | 251 |
| French Islands in the Pacific | 5 | 2,458 | 1 | 683 |
| French West India Islands | 1 | 180 | 3 | 1,434 |
| Portugal | 74 | 47,751 | 60 | 29,705 |
| Portuguese Possession in West Africa | 22 | 25,025 | 31 | 43,562 |
| Portuguese Possession in East Africa | | | 2 | 4,583 |
| Spain | 445 | 305,463 | 179 | 106,048 |
| Spanish Possessions in India: | | | | |
| Philippines and Ladrone Islands | 86 | 70,021 | 15 | 33,526 |
| Spanish West India Islands | 6 | 3,126 | 109 | 172,006 |
| Italy | 44 | 27,848 | 78 | 64,238 |
| Austrian Territories | 11 | 13,050 | 41 | 43,643 |
| Greece | 24 | 17,001 | 2 | 368 |
| Roumania | 15 | 15,001 | 24 | 27,072 |
| Turkish Dominions: | | | | |
| European Turkey | 42 | 55,067 | 25 | 31,273 |
| Asiatic Turkey (including Cyprus) | 26 | 25,473 | 25 | 33,439 |
| Turkish Dominions: | | | | |
| Egypt | 118 | 165,969 | 58 | 83,148 |
| Tripoli | 7 | 7,516 | | |
| Tunis | 1 | 1,334 | | |
| Morocco | 12 | 7,861 | 2 | 292 |
| Western coast of Africa (not particularly designated) | 3 | 3,129 | 1 | 215 |
| Persia | | | 1 | 1,067 |
| Cochin China, Cambodia, Macao, etc | 7 | 13,588 | | |
| China, (exclusive of Hongkong) | | | 9 | 14,701 |
| Japan | 1 | 1,763 | 1 | 1,984 |
| Native islands in the Pacific | | | 3 | 3,540 |
| United States: | | | | |
| Atlantic coast | 1,373 | 2,920,496 | 889 | 2,281,030 |
| Pacific coast | 48 | 84,447 | 34 | 60,350 |
| Haiti and Santo Domingo | 10 | 2,690 | 2 | 677 |
| Mexico | 27 | 13,953 | 23 | 29,316 |
| Guatemala | | | 1 | 216 |
| Nicaragua | 2 | 1,090 | 1 | 386 |
| United States of Colombia | 5 | 6,682 | 23 | 45,406 |
| Venezuela | 5 | 995 | | |
| Equador | | | | |
| Peru | 27 | 47,378 | 24 | 35,760 |
| Chile (including Pacific coast of Patagonia) | 91 | 142,446 | 84 | 131,767 |
| Brazil | 113 | 98,253 | 229 | 152,611 |
| Argentine Republic (including the Atlantic coast of Patagonia | 124 | 168,414 | 189 | 189,309 |
| Total foreign countries | 3,647 | 4,984,700 | 3,086 | 4,220,722 |
| Total British Possessions | 625 | 929,160 | 673 | 985,394 |
| Total for 1892 | 4,272 | 5,913,860 | 3,709 | 5,206,116 |
| Total for preceding year | 4,405 | 6,866,920 | 3,841 | 5,220,988 |
| Increase | | 46,940 | | |
| Decrease | 133 | | 132 | 14,872 |

## NAVIGATION BY FLAG.

*Sailing and steam vessels of each nation, including their repeated voyages, that entered and cleared from and to foreign countries and British Possessions at the port of Liverpool, during the year 1892.*

| Nationality. | Entered. | | Cleared. | |
|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* |
| British | 3,261 | 5,095,346 | 2,696 | 4,407,783 |
| Russian | 21 | 12,135 | 19 | 11,208 |
| Swedish | 69 | 41,340 | 54 | 29,804 |
| Norwegian | 381 | 228,632 | 360 | 208,366 |
| Danish | 70 | 12,114 | 72 | 12,046 |
| German | 51 | 38,374 | 61 | 39,561 |
| Dutch | 38 | 46,048 | 31 | 39,181 |
| Belgian | 3 | 4,046 | 4 | 5,613 |
| French | 65 | 60,430 | 73 | 62,957 |
| Spanish | 285 | 262,254 | 266 | 286,173 |
| Italian | 16 | 15,901 | 12 | 10,513 |
| Austrian | 2 | 1,695 | 3 | 2,430 |
| United States | 26 | 59,848 | 25 | 56,419 |
| All other countries | 31 | 35,647 | 33 | 34,066 |
| Total | 4,272 | 5,913,860 | 3,709 | 5,206,116 |
| Total for preceding year | 4,405 | 5,866,920 | 3,841 | 5,220,962 |

## CUSTOMS RECEIPTS.

*Gross amount of customs revenue received at the port of Liverpool during the years 1886 to 1892.*

| Year. | Amount. | Year. | Amount. |
|---|---|---|---|
| 1886 | $12,972,358 | 1890 | 13,147,472 |
| 1887 | 12,864,770 | 1891 | 13,884,508 |
| 1888 | 12,886,655 | 1892 | 14,377,862 |
| 1889 | 12,763,788 | | |

## HUMIDITY.

*Humidity of the district of Liverpool for the year ending June 30, 1893.*

| Month. | Barometer reduced to the level of the sea and to 32° F. | | | Temperature. | | | Rain. | | Mean degree of humidity (complete saturation = 100). |
|---|---|---|---|---|---|---|---|---|---|
| | Highest reading. | Lowest reading. | Mean from hourly reading. | Highest. | Lowest. | Mean. | Amount. | Number of days it fell. | |
| 1892. | | | | | | | | | |
| July | 30.37 | 29.42 | 30.010 | 73.9 | 49.2 | 57.7 | 2.299 | 14 | 78 |
| August | 30.27 | 29.30 | 29.870 | 73.1 | 44.8 | 59.3 | 3.567 | 17 | 76 |
| September | 30.33 | 29.37 | 29.916 | 66.0 | 40.8 | 54.5 | 3.009 | 23 | 77 |
| October | 30.38 | 29.08 | 29.706 | 57.8 | 29.8 | 45.8 | 6.391 | 23 | 80 |
| November | 30.41 | 29.41 | 29.985 | 56.5 | 32.4 | 44.9 | 1.935 | 20 | 85 |
| December | 30.32 | 29.28 | 29.952 | 53.1 | 22.0 | 37.5 | 2.238 | 15 | 87 |
| 1893. | | | | | | | | | |
| January | 30.46 | 29.30 | 30.057 | 51.7 | 17.7 | 37.5 | 1.467 | 20 | 90 |
| February | 30.33 | 28.68 | 29.633 | 57.2 | 29.5 | 41.2 | 2.873 | 21 | 84 |
| March | 30.45 | 29.35 | 30.093 | 64.2 | 30.8 | 46.5 | 0.531 | 9 | 73 |
| April | 30.57 | 29.82 | 30.172 | 75.1 | 34.3 | 51.0 | 0.500 | 4 | 69 |
| May | 30.47 | 29.45 | 30.054 | 75.0 | 42.3 | 55.5 | 1.657 | 14 | 73 |
| June | 30.40 | 29.28 | 29.995 | 85.0 | 48.0 | 61.2 | 1.545 | 8 | 70 |

Liverpool observatory, Bidston, latitude, 53° 24′ 4″; longitude, 3° 4′ 17″.

DECLARED EXPORTS.

*Value of declared exports from the consular district of Liverpool to the United States, during the year ending September 30, 1893.*

| Articles. | Quarters ending— | | | | Total. |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| Ale, beer, etc | $35,690.91 | $31,325.23 | $51,365.90 | $28,576.09 | $146,958.13 |
| Bags and canvas | 38,386.96 | 10,166.92 | 6,102.58 | 29,617.53 | 84,273.98 |
| Books and stationery | 2,162.67 | 1,985.53 | 2,492.45 | 4,681.49 | 11,322.14 |
| Animals | 13,572.67 | 9,898.46 | 37,793.24 | 53,516.95 | 114,781.32 |
| Cement | | 27,593.71 | 56,686.98 | 63,497.59 | 157,778.28 |
| Chemicals | 2,664,755.29 | 2,748,919.99 | 2,010,109.32 | 1,099,145.99 | 8,522,930.50 |
| Clay, China | 10,034.72 | 12,234.38 | 4,131.65 | 7,388.68 | 33,739.43 |
| Coal and coke | 32,634.75 | 54,339.34 | 28,201.36 | 121,380.25 | 236,555.70 |
| Cotton and cotton goods | 372,149.96 | 337,679.47 | 10,310.67 | 29,909.51 | 842,840.61 |
| Dyes and dyeing stuffs | 150.86 | 953.83 | | 997.63 | 2,102.32 |
| Dye and other woods | 132,177.30 | 49,107.85 | 29,807.31 | 15,616.60 | 126,709.06 |
| Earthenware and glass | 66,843.94 | 62,284.34 | 51,226.40 | 31,232.53 | 214,187.21 |
| Felt | 4,915.17 | 3,012.36 | 7,445.74 | 3,009.86 | 17,383.13 |
| Fish | 81,917.79 | 31,301.33 | 11,087.22 | 76,851.77 | 201,108.11 |
| Fruits and vegetables | 119,487.16 | 67,094.43 | 64,364.06 | 34,396.43 | 285,342.08 |
| Fruits, preserves | 2,574.38 | 175.19 | | | 2,749.57 |
| Furniture | 4,778.89 | 3,722.87 | 433.12 | 4,710.76 | 13,645.54 |
| Grease, oils, and soap | 38,961.20 | 102,823.36 | 52,713.93 | 29,505.59 | 224,004.08 |
| Hardware | 26,045.51 | 19,582.30 | 26,517.56 | 13,071.41 | 85,216.78 |
| Hemp and flax | 136,923.84 | 77,698.54 | 192,504.14 | 47,200.18 | 454,326.70 |
| Hides, skins, and leather | 540,527.02 | 309,139.54 | 277,875.80 | 194,966.58 | 1,322,009.03 |
| Iron ore | 21,908.98 | 33,530.19 | 10,341.31 | 2,968.56 | 68,749.04 |
| Iron, and iron manufactures | 244,489.46 | 232,151.51 | 285,264.50 | 73,417.83 | 835,323.30 |
| Lime and lemon juice | 194.66 | 978.16 | 7,285.14 | 545.05 | 9,003.01 |
| Machinery | 3,956.47 | 4,308.80 | 2,710.63 | 3,756.93 | 14,732.83 |
| Manures all | | 21,028.14 | 4,871.36 | 92.46 | 25,991.96 |
| Metals, other than iron and steel | 23,166.91 | 17,903.36 | 22,784.96 | 15,684.73 | 78,540.46 |
| Mill and other stones | 2,700.91 | 3,158.36 | 3,046.43 | 1,649.75 | 10,555.45 |
| Oilcloth | 31,598.19 | 19,388.13 | 13,611.59 | 39,068.25 | 103,666.16 |
| Paints and varnish | 10,062.62 | 6,347.29 | 10,365.74 | 6,017.99 | 33,293.64 |
| Paper-making materials | 142,676.04 | 125,477.84 | 120,611.33 | 35,563.85 | 424,349.06 |
| Patent composition | 4,228.99 | 2,919.90 | 4,798.37 | | 11,947.26 |
| Pitch and tar | 1,586.48 | 890.57 | 880.84 | 194.66 | 3,552.55 |
| Oakum | | | 464.25 | 340.65 | 804.90 |
| Provisions | 1,737.34 | 2,326.19 | | 2,725.24 | 6,788.77 |
| Rice and rice flour | 47,905.83 | 34,484.02 | 35,661.13 | 41,380.38 | 159,431.41 |
| Rope | 257.92 | | | | 257.92 |
| Rubber | 845,785.06 | 728,882.74 | 233,021.18 | 144,581.32 | 1,952,170.32 |
| Sheathing, yellow metal | | | | 520.72 | 520.72 |
| Saddlery and harness | 3,557.41 | 1,620.55 | 6,029.59 | 3,357.88 | 14,565.43 |
| Salt | 109,495.34 | 98,098.90 | 93,431.42 | 99,179.27 | 400,204.93 |
| Sausage casings | | 3,518.47 | 4,647.51 | 2,608.44 | 10,774.42 |
| Seeds | 20,828.62 | 30,182.03 | 9,295.01 | 2,632.77 | 62,938.43 |
| Black plates and black taggers | 77,836.68 | 125,665.88 | 111,155.59 | 55,867.41 | 370,525.56 |
| Tin | 22,050.11 | 41,735.11 | 27,558.99 | | 91,344.21 |
| Slates, bricks, and tiles | 7,542.10 | 13,681.06 | 14,664.06 | 19,502.35 | 55,389.56 |
| Spices | 6,389.42 | 29,234.78 | 29,083.61 | 4,676.82 | 69,384.63 |
| Steel, and manufactures thereof | 72,530.31 | 96,604.89 | 96,064.06 | 54,180.52 | 319,379.78 |
| Sugar | 176,318.16 | 200,986.44 | 167,300.58 | 314,760.36 | 859,365.49 |
| Tea and coffee | 15,973.27 | 5,506.48 | 18,833.53 | 9,696.93 | 49,902.51 |
| Tin plates, terneplates and tin taggers | 1,637,581.50 | 2,340,810.84 | 2,447,294.72 | 1,490,613.81 | 8,116,250.87 |
| Tobacco | 768.90 | 912.76 | 340.66 | 283.60 | 2,262.92 |
| Wax | 3,735.37 | 4,409.05 | 3,579.24 | 6,092.86 | 21,816.52 |
| Wines and spirits | 3,523.35 | 3,080.50 | 6,014.99 | 1,070.64 | 13,689.48 |
| Wool, hair, and noils | 472,454.41 | 355,385.89 | 326,021.42 | 92,697.09 | 1,246,558.81 |
| All other goods | 15,923.42 | 19,263.37 | 5,037.31 | 7,398.64 | 47,622.74 |
| Total | 8,518,755.23 | 8,635,608.69 | 7,125,231.85 | 4,411,253.18 | 28,690,948.95 |
| Total for preceeding year | 7,022,882.13 | 6,928,349.96 | 6,653,233.60 | 7,656,032.05 | 28,260,497.74 |
| Increase | 1,495,873.10 | 1,707,258.73 | 472,098.25 | | |
| Decrease | | | | 3,244,778.87 | 430,451.21 |

JAMES E. NEAL,
*Consul.*

LIVERPOOL, *October 17, 1893.*

## MANCHESTER.

I have the honor to acknowledge the receipt of the Department's dispatch* instructing me to report the declared exports for Manchester to the United States of silk seals and plushes for each year from 1885 to 1889, both years inclusive.

I transmit herewith the five yearly lists required, transcribed from the Invoice Book, with the remark that anterior to August 27, 1889, there was only one classification here for silk products, viz, silk, and this, as I am informed, included yarn and waste, and that 17½ per cent of the amount of the "silk" item would be a liberal estimate of the amount of silk seals and plushes sent hence in any one of the years named.

WILLIAM F. GRINNELL,
*Consul.*

MANCHESTER, *November 7, 1893.*

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*Statement showing the value of declared exports from the consular district of Manchester to the United States during the years ending December 31, 1885 to 1889.*

| Articles. | Value. |
|---|---|
| **1885.** | |
| Carpets | $267,660.65 |
| Chemicals | 666,789.32 |
| Cottons | 4,895,132.60 |
| Granite | 13,189.14 |
| Hosiery | 269,311.90 |
| Iron | 49,582.81 |
| Leather and hides | 90,832.90 |
| Linens | 847,747.88 |
| Machinery | 306,384.88 |
| Mixed goods | 543,230.24 |
| Musical instruments | 6,063.05 |
| Paper | 127,768.07 |
| Rags and junk | 651,663.97 |
| Rugs, mats, and miscellaneous | 236,728.17 |
| Seals and furs | 40,858.23 |
| Silk | 615,076.81 |
| Steel | 69,564.94 |
| Wine, beer, etc | 437.00 |
| Wool | 358,764.80 |
| Worsted stuffs | 279,768.56 |
| Total | 10,346,555.60 |
| **1886.** | |
| Carpets | 180,411.92 |
| Chemicals | 623,535.01 |
| Cottons | 5,507,669.67 |
| Granite | 5,205.61 |
| Hosiery | 303,053.62 |
| Iron | 52,432.13 |
| Leather and hides | 110,835.35 |
| Linens | 849,762.41 |
| Machinery | 768,435.15 |
| Mixed goods | 499,441.71 |
| Musical instruments | 11,713.73 |
| Paper | 159,255.56 |
| Rags and junk | 623,154.07 |
| Rugs, mats, and miscellaneous | 198,888.57 |
| Seals and furs | 31,202.34 |
| Silk | 1,023,983.55 |
| Steel | 103,951.41 |
| Wine, beer, etc | 1,753.74 |
| Wool | 535,177.17 |
| Worsted stuffs | 228,085.11 |
| Total | 11,817,447.83 |
| **1887.** | |
| Carpets | 138,259.13 |
| Chemicals | 488,158.24 |
| Cottons | 4,269,761.88 |
| Granite | $5,767.43 |
| Hosiery | 213,807.18 |
| Iron | 56,837.40 |
| Leather and hides | 235,269.79 |
| Linens | 1,106,382.24 |
| Machinery | 888,790.26 |
| Mixed goods | 693,207.85 |
| Musical instruments | 7,462.37 |
| Paper | 149,483.04 |
| Rags and junk | 544,980.28 |
| Seals and furs | 88,640.85 |
| Silk | 950,197.02 |
| Steel | 102,284.53 |
| Sundries | 225,945.26 |
| Wine, beer, etc | 426.49 |
| Wool | 564,725.89 |
| Worsted stuffs | 202,032.99 |
| Total | 10,894,949.07 |
| **1888.** | |
| Carpets | 145,118.52 |
| Chemicals | 493,115.20 |
| Cottons | 3,909,634.36 |
| Granite | 10,641.48 |
| Hats | 44,933.92 |
| Hosiery | 221,026.94 |
| Iron | 84,471.76 |
| Leather and hides | 198,702.64 |
| Linens | 1,308,979.24 |
| Machinery | 1,030,808.49 |
| Mixed goods | 499,778.74 |
| Musical instruments | 8,736.31 |
| Paper | 140,803.92 |
| Rags and junk | 644,620.16 |
| Seals and furs | 19,436.05 |
| Silk | 934,379.65 |
| Steel | 207,241.61 |
| Sundries | 225,559.20 |
| Wine, beer, etc | 905.36 |
| Wool | 619,246.54 |
| Worsted stuffs | 332,189.77 |
| Total | 11,081,325.86 |
| **1889.** | |
| Buttons | 2,783.20 |
| Card clothing | 26,495.87 |
| Carpets and rugs | 155,817.18 |
| Chemicals | 588,452.25 |
| Cotton and worsted piece goods | 64,944.73 |

*The statistics referred to were requested of the consul to complete the files of the Department (the statements for the years mentioned being missing), as well as for the particular purpose specified.

*Statement showing the value of declared exports, etc.*—Continued.

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| 1889. | | 1889. | |
| Cotton piece goods | $3,821,283.88 | Quilts | $16,055.29 |
| Cotton velvet, fustians, etc | 226,416.49 | Rags, paper stock, etc | 871,670.99 |
| Cotton yarn and thread | 190,855.15 | Shawls, etc | 80,761.67 |
| Damasks, etc | 131,819.81 | Silk and cotton piece goods | 26,449.95 |
| Elastic web | 18,627.46 | Silk | 817,598.54 |
| Felt hats | 107,241.19 | Silk seals, plushes, etc | 47,736.45 |
| Furs and seals | 32,592.73 | Silk noils and waste | 90,152.09 |
| Granite | 2,958.47 | Silk yarn | 187,202.64 |
| Handkerchiefs | 129,771.74 | Tape braid, etc | 53,891.80 |
| Hosiery | 242,000.35 | Towels | 69,452.22 |
| Iron, steel, etc | 319,579.67 | Waterproof garments | 23,839.26 |
| Leather and hides | 111,839.43 | Wine, beer, etc | 116.62 |
| Linens | 1,194,425.54 | Wool, manufactures of | $17,003.44 |
| Machinery | 1,750,960.80 | Worsted stuffs | 171,672.33 |
| Miscellaneous | 351,800.95 | Worsted yarn | 8,621.84 |
| Mixed goods | 248,290.63 | Yarn (other) | 11,604.74 |
| Musical instruments | 4,387.39 | | |
| Paper, paper hangings, etc | 163,085.51 | Total | 12,835,211.41 |

## SWANSEA.

*Statement showing the imports at Swansea for the year ending December 31, 1892.*

| Whence imported. | Copper, zinc, lead, silver, nickel, etc., and their ores. | Iron ore, pig and manufactured iron, etc. | Timber, fire-clay, bricks, lime-stone, etc. | Sulphur ore, mineral phosphates, brimstone, etc. | Food products. | Barks, wool, oils, esparto, tallow, dye woods, etc. | All other goods. | Total. |
|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| Russia: | | | | | | | | |
| Northern ports | | | 5,199 | | | | | 5,199 |
| Southern ports | 296 | | 30 | | | 2,580 | 168 | 3,164 |
| Sweden | 1,224 | 112 | 4,875 | | | | 20 | 6,231 |
| Norway | 955 | 460 | 6,967 | 3,360 | 873 | | 112 | 12,727 |
| Germany | 997 | 413 | 1,402 | 122 | 229 | 85 | 290 | 3,548 |
| Holland | 13 | | 46 | 82 | 782 | 379 | 168 | 1,430 |
| Belgium | 388 | | 2,739 | 907 | | | 89 | 4,123 |
| Channel Islands | | | 1,728 | | 174 | | | 1,902 |
| France | 7,117 | 4 | 35,372 | 333 | 8,439 | 30 | 336 | 51,681 |
| Spain | 11,208 | 99,516 | 1,120 | 16,686 | 55 | | 280 | 128,860 |
| Portugal | 1,167 | 1,276 | | 1,198 | | | | 3,641 |
| Italy | 19,041 | | | 3,932 | 1 | | 112 | 23,086 |
| Greece | 11,538 | 2,273 | | | | | | 13,811 |
| Algeria | 11,810 | | | | | | | 11,810 |
| Cape of Good Hope | 30,262 | | | | | | 168 | 30,430 |
| Canada | | | 20,894 | | 728 | | 56 | 21,678 |
| Newfoundland | 20,669 | | | | | | | 20,669 |
| United States | 1,354 | 190 | 4,770 | 3,922 | 58 | | 224 | 10,518 |
| Venezuela | 31,176 | | | | | | 168 | 31,344 |
| Chile | 1,296 | | | | | | 56 | 1,352 |
| Argentine Republic | | | | | 940 | | | 940 |
| Total | 150,596 | 104,244 | 85,142 | 30,552 | 12,299 | 3,074 | 2,287 | 388,134 |

*Statement showing the exports from Swansea for the year ending December 31, 189*

| Description. | | Quantity. | Value |
|---|---|---|---|
| Alkali | cwt.. | 40,505 | $89, |
| Apparel | | | |
| Arms and ammunition: | | | |
| Gunpowder | pounds.. | 1,100 | |
| Firearms, small | number.. | 836 | 10, |
| Of all other sorts | | | 6, |
| Bags and sacks, empty | dozen.. | 4,404 | 6, |
| Beer and ale | barrels.. | 16 | |
| Candles | pounds.. | 6,500 | |
| Caoutchouc, manufactures of | | | |
| Chemicals | | | 545, |
| Coal, coke, cinders, and patent fuel | tons.. | 1,516,605 | 3,767, |
| Cotton: | | | |
| Yarn | pounds.. | 4,000 | |
| Piece goods | yards.. | 1,854,500 | 98, |
| Other manufactures | | | 1, |
| Earthen and china ware | | | |
| Hardware and cutlery | | | |
| Linen thread | | | |
| Machinery and mill work | | | 117, |
| Manures, chemical and others | tons | 416 | 12, |
| Metals: | | | |
| Iron, steel, rails, castings, etc | do... | 17,022 | *370, |
| Tin, terne and black plates | do... | †282,941 | *16,351, |
| Copper, unwrought | cwt.. | 260,952 | 2,806, |
| Copper, all others | do... | 2,967 | 26, |
| Lead | tons.. | 208 | 12, |
| Tin, unwrought | cwt.. | 2,402 | 69, |
| Oil, seed | tons.. | 11 | 1, |
| Painter's colors and materials | | | 6, |
| Paper | cwt.. | 1 | |
| Spirits | proof gallons.. | 25 | |
| Wool | pounds.. | 14,000 | 2, |
| Woolen and worsted yarns | do.... | 100 | |
| Woolen tissues | yards.. | 3,700 | 3, |
| Worsted coating and stuffs | do... | 20,200 | 1, |
| All other articles | | | 189, |
| Total | | | 24,507, |

* Estimated.
† Including 40,269 tons coastwise, mostly transferred to steamers going abroad.

## TRADE OF SWANSEA WITH THE UNITED STATES.

*Statement showing the imports and exports between Swansea and the United States for the year 1892.*

| Articles. | Imports. | Exports. |
|---|---|---|
| | *Tons.* | *Tons.* |
| Coal and patent fuel | ..... | 177,836 |
| Copper, silver, nickel, lead, etc., and ores | 1,854 | 107 |
| Tin, terne and black plates, iron ore, pig iron, rails, castings, machinery, etc. | 190 | 192,837 |
| Timber, bricks, fireclay, etc | 4,770 | 2,470 |
| Chemicals (raw materials imported) | 3,922 | 4,000 |
| Food products | 58 | 6 |
| Esparto, bark, wool, oils, tallow, dye woods, etc | ..... | 208 |
| All goods not included in foregoing classifications | 224 | 1,680 |
| Total | 10,518 | 379,139 |

## NAVIGATION.

*Statement showing the number and tonnage of steam and sailing vessels of each nation, including their repeated voyages, that entered and cleared with cargoes and in ballast at Swansea from and to foreign countries and British Possessions during the year ending December 31, 1892.*

| Flag. | Entered. | | Cleared. | |
|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* |
| British | 884 | 439,240 | 1,275 | 659,736 |
| Russian | 14 | 5,641 | 15 | 5,833 |
| Swedish | 13 | 5,006 | 30 | 12,033 |
| Norwegian | 55 | 26,244 | 72 | 28,575 |
| Danish | 17 | 6,955 | 28 | 8,226 |
| German | 15 | 8,354 | 39 | 19,077 |
| Dutch | 2 | 1,062 | 5 | 1,949 |
| Belgian | 2 | 400 | 2 | 400 |
| French | 391 | 78,040 | 843 | 66,092 |
| Spanish | 2 | 656 | 6 | 4,932 |
| Italian | 20 | 12,598 | 26 | 15,638 |
| Austrian | 3 | 1,625 | 5 | 3,875 |
| United States | 1 | 552 | 2 | 2,291 |
| All other countries | ..... | ..... | 6 | 5,845 |
| Total | 1,419 | 585,998 | 1,854 | 836,495 |

*Statement showing the navigation at the port of Swansea for the year ending Decembe 1893.*

| From and to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Tot | |
| | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. | No. | T |
| Russia: | | | | | | | | | | | | |
| Northern ports | | | 8 | 2,773 | 8 | 2,773 | 13 | 10,434 | 12 | 2,751 | 25 | 1 |
| Southern ports | 2 | 1,816 | | | 2 | 1,816 | 17 | 19,879 | | | 17 | 1 |
| Sweden | 3 | 1,550 | 8 | 2,732 | 11 | 4,282 | 18 | 8,202 | 22 | 8,115 | 45 | 1 |
| Norway | 7 | 3,084 | 22 | 7,408 | 29 | 10,492 | 7 | 2,256 | 5 | 978 | 12 | |
| Denmark | | | | | | | 11 | 6,649 | 12 | 2,814 | 23 | |
| Germany | 10 | 11,301 | 11 | 8,295 | 21 | 19,596 | 25 | 12,457 | 10 | 2,740 | 35 | 1 |
| Holland | 35 | 33,923 | 5 | 4,712 | 40 | 38,635 | 14 | 7,436 | 1 | 188 | 15 | |
| Java | | | | | | | | | 1 | 435 | 1 | |
| Dutch West India Islands | | | | | | | | | 2 | 618 | 2 | |
| Belgium | 13 | 11,252 | 10 | 3,556 | 23 | 14,808 | | | | | | |
| France | 580 | 245,340 | 331 | 52,931 | 961 | 298,271 | 821 | 342,250 | 326 | 29,704 | 1,147 | 37 |
| Algeria | 5 | 4,880 | 1 | 393 | 6 | 5,273 | 38 | 29,239 | 3 | 1,182 | 41 | 3 |
| French Possessions in western Africa | | | | | | | 1 | 674 | 4 | 2,186 | 5 | |
| Portugal | 4 | 2,973 | 3 | 705 | 7 | 3,678 | 10 | 5,288 | 13 | 3,269 | 23 | |
| Madeira | | | | | | | | | 4 | 1,061 | 4 | |
| Portuguese Possessions in western Africa | | | | | | | | | 1 | 920 | 1 | |
| Spain | 183 | 104,622 | 5 | 602 | 188 | 105,224 | 51 | 29,437 | 21 | 3,626 | 72 | 3 |
| Fernando Po | | | | | | | | | 1 | 292 | 1 | |
| Italy | 9 | 7,282 | 3 | 1,793 | 12 | 9,075 | 118 | 113,745 | 25 | 12,039 | 143 | 12 |
| Austrian Territories | | | | | | | 2 | 2,044 | | | 2 | |
| Greece | 6 | 5,973 | | | 6 | 5,973 | 4 | 4,625 | | | 4 | |
| Roumania | | | | | | | 1 | 956 | | | 1 | |
| European Turkey | | | | | | | 2 | 2,565 | | | 2 | |
| Egypt | | | | | | | 2 | 4,038 | | | 2 | |
| Tunis | | | | | | | | | 2 | 674 | 2 | |
| Morocco | | | | | | | | | 1 | 98 | 1 | |
| United States: | | | | | | | | | | | | |
| Atlantic | | | 10 | 6,115 | 10 | 6,115 | 32 | 61,625 | 2 | 1,263 | 34 | 6 |
| Pacific | | | | | | | | | 21 | 37,566 | 21 | 3 |
| Venezuela | 6 | 6,549 | 19 | 10,313 | 25 | 16,862 | | | | | | |
| Chile | | | | | | | | | 6 | 5,558 | 6 | |
| Brazil | | | 1 | 394 | 1 | 394 | 1 | 644 | 29 | 15,069 | 30 | 1 |
| Uruguay | | | | | | | | | 3 | 2,069 | 3 | |
| Argentine Republic | | | 1 | 593 | 1 | 593 | | | 15 | 10,028 | 15 | 1 |
| Total, foreign countries | 863 | 440,545 | 488 | 103,315 | 1,351 | 543,860 | 1,183 | 664,383 | 552 | 145,207 | 1,735 | 8 |
| *British Possessions.* | | | | | | | | | | | | |
| Channel Islands | 7 | 1,781 | 9 | 1,189 | 16 | 2,970 | 5 | 1,272 | 91 | 10,409 | 96 | 1 |
| Gibraltar | | | | | | | 2 | 773 | | | 2 | |
| Cape of Good Hope | 8 | 9,454 | 10 | 5,269 | 18 | 14,722 | | | 3 | 1,447 | 3 | |
| Dominion of Canada | | | 19 | 13,679 | 19 | 13,679 | 2 | 3,808 | 4 | 1,692 | 6 | |
| Newfoundland | 15 | 10,761 | | | 15 | 10,761 | 8 | 5,893 | 1 | 499 | 9 | |
| British West India Islands | | | | | | | | | 1 | 417 | 1 | |
| British Guiana | | | | | | | | | 2 | 695 | 2 | |
| Total, British Possessions | 30 | 21,996 | 38 | 20,137 | 68 | 42,133 | 17 | 11,746 | 102 | 15,159 | 119 | 2 |
| Total navigation | 893 | 462,541 | 526 | 123,452 | 1,419 | 585,993 | 1,200 | 676,129 | 654 | 160,366 | 1,854 | 8 |

CHARLES M. HOLTON,
*Commercial Age*

SWANSEA. *November, 1893.*

# BRITISH POSSESSIONS IN EUROPE.

## GIBRALTAR.

*Value of declared exports from the consular district of Gibraltar to the United States, during the year ending September 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| Corkwood | $20,162.71 | $41,530.70 | $188.41 | | $61,881.82 |
| Objects of curiosity, pottery, etc | | 1,803.48 | | | 1,803.48 |
| Paintings | | 11,058.90 | | | 11,058.90 |
| Pickled fish | | | 131.24 | | 131.24 |
| Wine | | | | $220.80 | 220.80 |
| Total | 20,162.71 | 54,393.08 | 319.65 | 220.80 | 75,096.24 |
| Total for preceding year | 31,055.13 | 49,538.11 | 67,237.27 | 48,100.31 | 195,930.82 |
| Increase | | 4,854.97 | | | |
| Decrease | 10,892.42 | | 66,917.62 | 47,879.51 | 120,834.58 |

*Statement showing the navigation at the port of Gibraltar for the year ending September 30, 1893.*

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Austro-Hungarian | 50 | ..... | 1 | ..... | 51 | ..... | 50 | ..... | 1 | ..... | 51 | ..... |
| Belgium | 10 | ..... | ..... | ..... | 10 | ..... | 10 | ..... | ..... | ..... | 10 | ..... |
| British | 2,959 | ..... | 107 | ..... | 3,066 | ..... | 2,954 | ..... | 104 | ..... | 3,058 | ..... |
| Danish | 30 | ..... | 16 | ..... | 46 | ..... | 30 | ..... | 16 | ..... | 46 | ..... |
| Dutch | 54 | ..... | 1 | ..... | 55 | ..... | 53 | ..... | 1 | ..... | 53 | ..... |
| French | 170 | ..... | 21 | ..... | 191 | ..... | 169 | ..... | 19 | ..... | 188 | ..... |
| German | 152 | ..... | 3 | ..... | 155 | ..... | 150 | ..... | 3 | ..... | 153 | ..... |
| Greek | 36 | ..... | ..... | ..... | 36 | ..... | 36 | ..... | ..... | ..... | 36 | ..... |
| Italian | 96 | ..... | 14 | ..... | 110 | ..... | 94 | ..... | 12 | ..... | 106 | ..... |
| Norwegian | 180 | ..... | 25 | ..... | 205 | ..... | 180 | ..... | 22 | ..... | 202 | ..... |
| Portuguese | 3 | ..... | 7 | ..... | 10 | ..... | 3 | ..... | 7 | ..... | 10 | ..... |
| Russian | 22 | ..... | 6 | ..... | 28 | ..... | 21 | ..... | 6 | ..... | 27 | ..... |
| Spanish | 349 | ..... | 109 | ..... | 458 | ..... | 344 | ..... | 103 | ..... | 447 | ..... |
| Swedish | 30 | ..... | 8 | ..... | 38 | ..... | 29 | ..... | 6 | ..... | 35 | ..... |
| United States | *1 | 59 | †4 | 752·62 | 5 | 811·62 | 1 | 59 | 4 | 752·62 | 5 | 811·62 |
| | 4,142 | 59 | 322 | 752·62 | 4,464 | 811·62 | 4,124 | 59 | 304 | 752·62 | 4,428 | 811·62 |

* A yacht. † Of which three were yachts.

HORATIO J. SPRAGUE,
*Consul.*

GIBRALTAR, *October, 1893.*

## MALTA.

*Value of declared exports from the consular district of Malta to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | Quantity. | Value. |
|---|---|---|---|
| | | *Pounds.* | |
| Cumin seed | Dec. 31, 1892 | 19,872 | $1,619.12 |
| Do | Mar. 31, 1893 | 4,432 | 346.63 |
| Total | | 24,304 | 1,965.75 |
| Squills | Sept. 30, 1892 | 29,677 | 920.23 |
| Do | Dec. 31, 1892 | 5,876 | 190.13 |
| Total | | 35,553 | 1,110.46 |
| Malta-stone vase | June 30, 1893 | | 58.40 |

Total value, $3,134.61.

JOHN WORTHINGTON,
*Consul.*

# CONTINENT OF AMERICA.

## DOMINION OF CANADA.

*Comparative statement of exports from the Dominion of Canada to the United States, for the years 1883, 1885, 1887, 1889, 1890, 1891, and 1892.*

| Articles. | 1883. | | 1885. | | 1887. | | 1889. | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| ANIMALS AND OTHER PRODUCTS. | | | | | | | | | | | | | | |
| Horses .....number.. | 13, 500 | $1, 697, 901 | 12, 013 | $1, 609, 900 | 18, 527 | $2, 296, 481 | 17, 383 | $2, 169, 792 | 16, 277 | $1, 959, 355 | 10, 166 | $1, 370, 192 | 9, 479 | $1, 220, 665 |
| Horned cattle .....do... | 67, 060 | 3, 995, 090 | 69, 196 | 1, 613, 908 | 45, 981 | 922, 358 | 37, 421 | 494, 666 | 7, 864 | 107, 391 | 2, 767 | 29, 245 | 552 | 21, 777 |
| Swine .....do... | 3, 858 | 12, 281 | 1, 317 | 5, 462 | 915 | 3, 227 | 1, 088 | 4, 448 | 423 | 1, 776 | 88 | 888 | 55 | 755 |
| Sheep .....do... | 308, 662 | 1, 392, 279 | 275, 126 | 777, 281 | 365, 179 | 977, 658 | 308, 583 | 982, 127 | 251, 722 | 764, 217 | 245, 236 | 763, 481 | 291, 925 | 1, 117, 121 |
| Other animals ..... | ..... | 162, 889 | ..... | 176, 682 | ..... | 212, 981 | ..... | 111, 005 | ..... | 108, 940 | ..... | 56, 160 | ..... | 57, 142 |
| Poultry and game, dressed and undressed .....cwt.. | 53, 546 | 561, 314 | ..... | ..... | ..... | ..... | ..... | 51, 782 | ..... | 49, 223 | ..... | 24, 070 | ..... | 15, 929 |
| Bones..... | ..... | ..... | 59, 203 | 53, 345 | 82, 162 | 47, 857 | 60, 516 | 34, 294 | 94, 953 | 46, 873 | 93, 549 | 46, 177 | 181, 625 | 71, 654 |
| Butter.....pounds.. | 8, 162, 729 | 1, 714, 381 | 88, 081 | 16, 795 | 100, 895 | 17, 207 | 63, 897 | 11, 759 | 27, 810 | 5, 083 | 63, 477 | 10, 103 | 108, 783 | 17, 824 |
| Cheese .....do... | 63, 340, 988 | 7, 025, 035 | 665, 424 | 72, 812 | 304, 318 | 30, 667 | 297, 417 | 31, 473 | 553, 300 | 22, 829 | 128, 256 | 13, 485 | 383, 648 | 39, 616 |
| Eggs.....dozen.. | 13, 451, 410 | 2, 256, 586 | 11, 512, 729 | 1, 826, 729 | 12, 917, 856 | 1, 822, 948 | 14, 011, 017 | 2, 156, 725 | 12, 880, 685 | 1, 793, 803 | 7, 354, 235 | 1, 074, 247 | 8, 918, 017 | 494, 434 |
| Honey.....pounds.. | 875 | 107 | 1, 985 | 195 | 11, 310 | 1, 045 | 882 | 52 | 1, 203 | 163 | 2, 106 | 182 | 659 | 72 |
| Furs: | | | | | | | | | | | | | | |
| Dressed..... | ..... | 1, 096, 904 | ..... | 15, 114 | ..... | 24, 249 | ..... | 4, 956 | ..... | 32, 804 | ..... | 79, 063 | ..... | 22, 016 |
| Undressed..... | | | ..... | 186, 614 | ..... | 243, 194 | ..... | 436, 669 | ..... | 398, 604 | ..... | 265, 207 | ..... | 324, 300 |
| Grease and scraps..pounds.. | 33, 689 | 1, 664 | 48, 269 | 1, 402 | 53, 242 | 1, 676 | 274, 620 | 8, 956 | 345, 867 | 8, 268 | 307, 665 | 4, 609 | ..... | 2, 094 |
| Hides, skins, horn, and hoofs. | ..... | 476, 636 | ..... | 461, 090 | ..... | 414, 978 | ..... | 459, 355 | ..... | 477, 690 | ..... | 475, 961 | ..... | 475, 967 |
| Lard .....pounds.. | 132, 753 | 18, 035 | 2, 640 | 192 | 2, 127 | 160 | 1, 599 | 192 | 7, 006 | 458 | 16, 671 | 1, 083 | 10, 261 | 749 |
| Bacon .....do... | 3, 736, 724 | 426, 973 | 10, 585 | 674 | 183 | 17 | 613 | 33 | 643 | 81 | 968 | 118 | 3, 954 | 369 |
| Hams .....do... | 519, 877 | 62, 565 | 44, 598 | 5, 102 | 904 | 111 | 4, 780 | 360 | 150 | 25 | 461 | 57 | 374 | 46 |
| Beef.....do... | 896, 163 | 57, 801 | 113, 613 | 9, 067 | 92, 580 | 4, 069 | 47, 350 | 3, 494 | 50, 759 | 2, 835 | 12, 440 | 826 | 65, 216 | 3, 125 |
| Mutton.....do... | 397, 280 | 22, 826 | 211, 048 | 12, 667 | 342, 854 | 17, 745 | 73, 951 | 6, 064 | 25, 383 | 2, 261 | 174, 118 | 13, 807 | 361, 719 | 12, 735 |
| Pork .....cwt.. | 1, 762, 243 | 143, 135 | 66, 241 | 4, 834 | 90, 850 | 5, 618 | 60, 498 | 5, 035 | 33, 399 | 4, 896 | 74, 900 | 4, 212 | 67, 965 | 4, 662 |
| Tongues .....kegs.. | 32, 596 | 1, 801 | 1, 704 | 116 | 4, 607 | 236 | 700 | 27 | 209 | 21 | ..... | ..... | 250 | 14 |
| Meats: | | | | | | | | | | | | | | |
| Preserved .....pounds.. | 1, 771, 900 | 180, 212 | ..... | ..... | 52, 530 | 4, 776 | 25, 163 | 1, 857 | 9, 173 | 794 | 30, 186 | 3, 155 | 254 | 34 |
| Other .....do... | 11, 525 | 648 | 21, 095 | 2, 153 | 683, 440 | 49, 226 | 920, 140 | 47, 358 | 568, 060 | 36, 337 | 81, 018 | 6, 731 | 35, 293 | 2, 850 |
| Tallow .....do... | 3, 864 | 710 | ..... | ..... | ..... | ..... | 900 | 72 | ..... | ..... | 23, 250 | 1, 453 | ..... | ..... |
| Sheep pelts .....number.. | 84, 779 | 13, 157 | 69, 820 | 13, 493 | 88, 016 | 24, 067 | 44, 487 | 15, 135 | 33, 096 | 7, 103 | 39, 168 | 13, 591 | 54, 290 | 21, 769 |
| Wool.....pounds.. | 1, 375, 572 | 280, 530 | 911, 796 | 186, 925 | 1, 336, 392 | 295, 584 | 1, 030, 568 | 219, 841 | 1, 104, 332 | 248, 598 | 1, 132, 076 | 247, 729 | 929, 264 | 203, 283 |

*Comparative statement of exports from the Dominion of Canada to the United States, etc.*—Continued.

| Articles. | 1883. | | 1885. | | 1887. | | 1889. | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| ANIMALS AND OTHER PRODUCTS—continued. | | | | | | | | | | | | | | |
| Hair.....pounds.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,162,112 | $18,562 | 886,628 | $20,506 | ..... | $19,332 |
| Tails..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3,596 | ..... | 1,330 | ..... | 891 |
| Oil: | | | | | | | | | | | | | | |
| Lard..... | ..... | ..... | ..... | ..... | 762 | $463 | 164 | $140 | 827 | 513 | ..... | ..... | 49 | 17 |
| Other..... | 3,094 | $74 | ..... | ..... | 44 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Grease stock..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7,506 | ..... | 3,622 | ..... | 3,928 |
| Other articles..... | ..... | 52,267 | ..... | $58,589 | ..... | 53,006 | ..... | 41,685 | ..... | 13,294 | ..... | 10,340 | ..... | 10,264 |
| Total..... | ..... | 21,165,418 | ..... | 7,110,091 | ..... | 7,571,582 | ..... | 7,245,352 | ..... | 6,118,900 | ..... | 4,546,710 | ..... | 4,165,545 |
| PRODUCE OF FISHERIES. | | | | | | | | | | | | | | |
| Codfish: | | | | | | | | | | | | | | |
| Fresh.....pounds.. | 491,700 | 14,966 | 452,324 | 8,756 | 185,996 | 4,300 | 992,695 | 4,387 | 135,752 | 2,185 | 42,952 | 499 | 326,642 | 5,511 |
| Dry salted.....cwt.. | 728,985 | 3,669,387 | 195,673 | 641,644 | 101,754 | 405,119 | 122,442 | 474,952 | 141,509 | 529,345 | 146,693 | 606,938 | 118,792 | 513,463 |
| Wet salted.....do... | 23,798 | 110,496 | 32,729 | 92,846 | 1,207 | 1,994 | 1,091 | 2,833 | 119 | 1,067 | ..... | ..... | 5,587 | 7,562 |
| Smoked.....pounds.. | 28,078 | 2,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Pickled.....barrels.. | 1,562 | 8,451 | 221 | 403 | 264 | 264 | 92 | 462 | 88 | 325 | 277 | 1,383 | 256 | 1,214 |
| Mackerel: | | | | | | | | | | | | | | |
| Fresh.....pounds.. | 488,005 | 18,372 | 528,292 | 8,977 | 2,282,687 | 42,495 | 644,805 | 40,371 | 924,576 | 48,399 | 3,737,764 | 156,419 | 1,743,827 | 100,578 |
| Pickled.....barrels.. | 67,449 | 520,335 | 84,497 | 625,902 | 79,311 | 573,968 | 27,861 | 289,519 | 26,672 | 404,033 | 70,110 | 749,238 | 65,957 | 568,333 |
| Canned..... | ..... | ..... | ..... | ..... | 540,531 | 32,425 | 48,520 | 4,859 | 32,934 | 3,153 | 100,139 | 10,877 | 51,834 | 3,197 |
| Halibut: | | | | | | | | | | | | | | |
| Fresh.....pounds.. | 183,502 | 12,161 | 230,866 | 7,358 | 278,990 | 11,382 | 296,714 | 14,408 | 258,035 | 15,757 | 376,962 | 23,065 | 486,865 | 35,149 |
| Pickled.....barrels.. | 18 | 92 | 45 | 240 | ..... | ..... | 1 | 6 | 18 | 185 | 22 | 292 | ..... | ..... |
| Herrings: | | | | | | | | | | | | | | |
| Fresh.....pounds.. | 1,409,050 | 26,857 | 1,566,105 | 16,450 | 14,653,937 | 94,929 | 15,416,570 | 91,536 | 19,668,410 | 62,375 | 16,857,600 | 104,215 | 28,670,900 | 81,657 |
| Canned..... | ..... | ..... | ..... | ..... | 184 | 23 | 58,209 | 2,461 | 25,504 | 1,007 | 6,672 | 350 | ..... | ..... |
| Pickled.....barrels.. | 124,043 | 506,205 | 99,453 | 296,819 | 24,573 | 120,794 | 29,983 | 118,313 | 30,131 | 100,086 | 47,933 | 153,929 | 36,015 | 140,014 |
| Smoked.....pounds.. | 8,452,529 | 169,385 | 9,717,362 | 133,118 | 5,588,058 | 92,556 | 4,591,672 | 130,114 | 5,201,567 | 91,850 | 4,354,143 | 87,854 | 2,573,059 | 45,343 |
| Sea fish, other: | | | | | | | | | | | | | | |
| Fresh..... | ..... | 150,264 | ..... | 30,300 | 1,627,927 | 46,661 | 950,331 | 33,690 | 26,031 | 1,132 | 94,566 | 4,015 | 26,266 | 962 |
| Canned.....pounds.. | 682 | 111 | ..... | ..... | 51,098 | 2,349 | 16,083 | 707 | 5,950 | 252 | ..... | ..... | 3,995 | 321 |
| Pickled.....barrels.. | 8,729 | 41,078 | 1,000 | 3,996 | 1,990 | 9,199 | 57 | 321 | 1,796 | 6,368 | 3,161 | 13,030 | 892 | 4,374 |
| Oysters: | | | | | | | | | | | | | | |
| Fresh..... | 422 | 899 | 79 | 248 | 41 | 92 | 79 | 234 | 89 | 213 | 41 | 152 | 130 | 621 |
| Canned.....pounds.. | 24 | 3 | 36 | 5 | ..... | ..... | ..... | ..... | 120 | 21 | ..... | ..... | ..... | ..... |
| Lobsters: | | | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salmon: | | | | | | | | | | | | |
| Fresh ..... pounds.. | 1,262,809 | 180,563 | 2,161,854 | 224,328 | 1,346,722 | 142,756 | 1,124,840 | 124,507 | 992,100 | 112,479 | 1,171,160 | 125,016 | 980,560 | 105,636 |
| Smoked ..... do... | 8,743 | 1,318 | 8,391 | 1,220 | 1,268 | 185 | 6,345 | 891 | 100 | 5 | 325 | 32 | 130 | 21 |
| Canned ..... do... | 10,985,479 | 1,167,358 | 276,060 | 28,357 | 101,075 | 22,863 | 138,762 | 16,174 | 486,172 | 64,101 | 19,004 | 1,888 | 77,058 | 5,139 |
| Pickled ..... barrels.. | 6,143 | 83,746 | 3,829 | 43,975 | 3,881 | 34,503 | 2,250 | 29,871 | 2,363 | 37,420 | 1,372 | 21,744 | 1,843 | 26,846 |
| Fish, all other: | | | | | | | | | | | | | | |
| Fresh ..... | ..... | 240,912 | ..... | 447,081 | ..... | 461,799 | ..... | 598,726 | ..... | 577,745 | ..... | 606,799 | ..... | 687,880 |
| Pickled ..... barrels.. | 6,510 | 33,237 | 2,721 | 11,103 | 3,691 | 19,320 | 2,564 | 16,307 | 913 | 8,099 | 1,388 | 10,770 | 649 | 7,416 |
| Fish oil: | | | | | | | | | | | | | | |
| Cod ..... gallons.. | 249,006 | 150,811 | 101,103 | 45,959 | 8,096 | 2,625 | 116,626 | 29,604 | 40,677 | 11,426 | 41,257 | 11,613 | 76,649 | 22,725 |
| Seal ..... do... | 3,492 | 1,977 | 452 | 271 | 3,002 | 1,156 | 797 | 379 | 8,920 | 3,895 | 220 | 96 | 7,083 | 2,240 |
| Whale ..... do... | 1,800 | 723 | ..... | ..... | ..... | ..... | ..... | ..... | 1,000 | 492 | ..... | ..... | ..... | ..... |
| Other ..... do... | 54,228 | 33,285 | 69,825 | 27,050 | 30,079 | 8,591 | 24,235 | 6,838 | 10,001 | 1,683 | 3,014 | 741 | 9,035 | 2,241 |
| Furs and skins: Marine animals' ..... | ..... | 145,042 | ..... | 91,211 | ..... | 155,145 | ..... | 90,865 | ..... | 171,471 | ..... | 56,115 | ..... | 159,270 |
| Tongues and sounds ..... | ..... | ..... | ..... | 347 | 7,106 | 478 | 16,363 | 835 | 19,807 | 840 | 10,068 | 624 | 9,243 | 1,156 | 17,884 |
| Bait ..... do... | 72 | 508 | ..... | ..... | ..... | ..... | 1 | ½ | 2 | 1 | 5 | 5 | 167 | 60 | 49 |
| Other articles ..... | ..... | 66,115 | ..... | 20,377 | ..... | ..... | 8,924 | ..... | 14,640 | ..... | 2,037 | ..... | 6,100 | ..... | 9,105 |
| Total ..... | ..... | 3,856,926 | ..... | 3,575,849 | ..... | 2,734,767 | ..... | 2,859,438 | ..... | 2,868,953 | ..... | 3,896,071 | ..... | 3,491,129 |
| PRODUCE OF THE FOREST. | | | | | | | | | | | | | | |
| Ashes: | | | | | | | | | | | | | | |
| Crushed ..... | ..... | 49,984 | ..... | 16,582 | ..... | 18,661 | ..... | 7,299 | ..... | 6,535 | ..... | 10,438 | ..... | 13,850 |
| Pots and pearls .barrels.. | 6,957 | 19,954 | 299 | 7,629 | 322 | 7,667 | 81 | 2,010 | 215 | 4,075 | 565 | 16,717 | 470 | 11,917 |
| Other ..... | ..... | ..... | ..... | 7,199 | ..... | 21,585 | ..... | 23,964 | ..... | 23,035 | ..... | 22,714 | ..... | 26,314 |
| Tanners' bark ..... cords.. | 63,573 | 314,078 | 74,794 | 364,015 | 52,755 | 235,787 | 35,831 | 154,699 | 31,698 | 141,144 | 46,047 | 213,455 | 43,856 | 217,552 |
| Basswood, butternut, and hickory ..... | 1,702 | 39,579 | 939 | 11,610 | 381 | 4,928 | 460 | 7,003 | 1,942 | 27,019 | 1,113 | 15,354 | 2,067 | 30,563 |
| Firewood ..... | 164,836 | 388,659 | 145,006 | 316,299 | 152,141 | 311,715 | 157,485 | 339,990 | 133,224 | 281,125 | 147,674 | 314,591 | 179,103 | 370,152 |
| Hop, telegraph, and other poles ..... | ..... | 226,335 | ..... | 84,789 | ..... | 92,303 | ..... | 96,726 | ..... | 92,326 | ..... | 142,796 | ..... | 83,141 |
| Knees, futtocks ..... pieces.. | 36,650 | 33,822 | 7,507 | 7,619 | 8,979 | 7,016 | 16,159 | 14,659 | 30,265 | 31,865 | 26,015 | 24,984 | 16,204 | 14,113 |
| Lathwood ..... cords.. | 501 | 4,031 | 245 | 260 | 160 | 480 | ..... | ..... | 2,390 | 4,900 | ..... | ..... | ..... | ..... |
| Logs: | | | | | | | | | | | | | | |
| Hemlock ..... M feet.. | 4,623 | 20,622 | 3,619 | 14,752 | 4,076 | 17,447 | 6,420 | 24,261 | 2,952 | 12,288 | 2,210 | 9,802 | 5,057 | 21,420 |
| Oak ..... do... | 1,820 | 29,819 | 1,137 | 15,548 | 388 | 7,755 | 2,890 | 52,205 | 2,124 | 39,445 | 1,096 | 21,400 | 1,153 | 21,297 |
| Elm ..... do... | ..... | ..... | ..... | ..... | ..... | ..... | 27,294 | 136,754 | 28,413 | 144,935 | 27,470 | 155,303 | 34,116 | 208,179 |
| Cedar ..... do... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9 | 6 | 43 | ..... | ..... | ..... | ..... |
| Spruce ..... do... | 6,255 | 30,858 | 11,165 | 49,449 | 17,526 | 88,773 | 20,360 | 137,298 | 26,073 | 156,893 | 28,494 | 158,334 | 23,434 | 141,168 |
| Pine ..... do... | 2,863 | 18,812 | 380 | 2,300 | 6,350 | 49,242 | 10,859 | 94,287 | 32,144 | 261,626 | 36,699 | 313,281 | 72,963 | 651,540 |
| Tamarack ..... do... | 15 | 545 | ..... | ..... | ..... | ..... | 6 | 63 | ..... | ..... | ..... | ..... | ..... | ..... |
| Other ..... do... | 38,536 | 289,528 | 31,459 | 143,433 | 38,157 | 177,866 | 25,693 | 119,752 | 11,700 | 66,073 | 9,157 | 64,525 | 12,062 | 68,550 |
| Lumber: | | | | | | | | | | | | | | |
| Battens ..... pieces.. | 28,855 | 162,113 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Deals, pine ...Stand hg.. | 24,926 | 4,591 | 11,615 | 335,650 | 519 | 21,445 | 106 | 5,519 | 42 | 954 | ..... | ..... | ..... | ..... |
| Deals, spruce ..... do... | ..... | ..... | 9,550 | 265,056 | 27,601 | 773,220 | 22,642 | 636,023 | 18,276 | 550,780 | 27,280 | 764,208 | 21,135 | 590,883 |
| Deal ends ..... do... | 277,562 | 2,028,672 | 96 | 1,520 | 516 | 13,343 | 58 | 988 | 40 | 858 | 9 | 181 | 22 | 207 |
| Laths ..... M.. | 12,136 | 330,149 | 207,828 | 344,625 | 304,233 | 415,330 | 313,184 | 439,452 | 327,132 | 429,562 | 345,603 | 491,528 | 309,448 | 442,469 |
| Boards ..... M feet.. | 226,921 | 319,771 | 590,405 | 241,065 | 530,643 | 6,451,119 | 642,564 | 7,462,937 | 608,628 | 6,917,697 | 718,266 | 7,966,134 | 640,448 | 7,359,356 |
| Scantlings ..... do... | 665,937 | 8,353,726 | 9,499 | 68,792 | 10,212 | 89,857 | 13,495 | 106,616 | 11,378 | 94,270 | 13,782 | 112,839 | 11,064 | 87,881 |

*Comparative statement of exports from the Dominion of Canada to the United States, etc.*—Continued.

| Articles. | 1883. | | 1885. | | 1887. | | 1889. | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| PRODUCE OF THE FOREST—continued. | | | | | | | | | | | | | | |
| Lumber—Continued. | | | | | | | | | | | | | | |
| Staves.....M.. | 17,463 | $133,792 | 409 | $2,976 | 81 | $883 | ..... | ..... | ..... | ..... | 17 | $1,459 | ..... | ..... |
| Staves, other.....do... | 1,059 | 198,603 | 66,713 | 314,100 | 64,996 | 274,641 | 77,883 | $321,336 | 70,237 | $334,646 | 73,886 | 337,236 | 85,262 | $417,888 |
| All other ..... | ..... | 93,215 | ..... | 184,922 | ..... | 527,182 | ..... | 333,730 | ..... | 269,080 | ..... | 377,099 | ..... | 251,754 |
| Masts and spars.....pieces.. | 27,597 | 44,197 | 10,914 | 5,776 | 12,113 | 6,416 | 4,537 | 2,528 | 19,579 | 12,036 | 37,869 | 22,735 | 8,343 | 4,544 |
| Shingles.....M.. | 117,395 | 326,870 | 87,809 | 205,328 | 103,158 | 227,153 | 219,676 | 460,447 | 188,441 | 407,061 | 253,820 | 539,895 | 333,693 | 695,566 |
| Shingle bolts.....cords.. | 637 | 2,635 | 756 | 2,906 | 503 | 3,410 | ..... | ..... | 480 | 4,975 | 130 | 295 | ..... | ..... |
| Sleepers.....pieces.. | 2,155,368 | 560,008 | 712,935 | 142,049 | 1,779,985 | 335,274 | 2,399,873 | 469,973 | 1,682,460 | 296,913 | 1,603,169 | 307,684 | 1,467,356 | 259,384 |
| Shook bolts.....cords.. | 66,701 | 211,484 | 39,616 | 97,863 | 50,621 | 121,263 | 47,074 | 122,606 | 43,504 | 110,093 | 49,824 | 133,308 | 33,293 | 91,784 |
| Shooks: | | | | | | | | | | | | | | |
| Sugar box .....number.. | 99,884 | 50,699 | 25,147 | 9,444 | 859,192 | 107,512 | 4,452,815 | 302,455 | 912,437 | 78,518 | 383,887 | 37,844 | 774,841 | 63,517 |
| Other .....do... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 83,393 | ..... | 84,069 | ..... | 90,200 | ..... | 37,539 |
| Timber, square: | | | | | | | | | | | | | | |
| Ash .....tons.. | 8,589 | 106,246 | ..... | ..... | 49 | 574 | ..... | ..... | ..... | ..... | 4 | 43 | ..... | ..... |
| Birch.....do... | 25,355 | 194,345 | 129 | 1,373 | 43 | 262 | 160 | 823 | 210 | 840 | 400 | 600 | ..... | ..... |
| Elm .....do... | 23,152 | 281,192 | ..... | ..... | 6 | 58 | ..... | ..... | 8 | 104 | 13 | 193 | 65 | 193 |
| Oak .....do... | 52,448 | 1,073,469 | 822 | 4,607 | 316 | 4,188 | 28 | 364 | 48 | 502 | 4 | 75 | ..... | ..... |
| Maple.....do... | 790 | 10,035 | 42 | 460 | ..... | ..... | 190 | 3,806 | ..... | ..... | 2 | 90 | ..... | ..... |
| Pine, white.....do... | 224,192 | 3,018,088 | 3,188 | 19,108 | ..... | ..... | 143 | 2,095 | 65 | 489 | 77 | 900 | 162 | 1,542 |
| Pine, red .....do... | 20,116 | 226,420 | ..... | ..... | 345 | 3,032 | ..... | ..... | 60 | 747 | ..... | ..... | ..... | ..... |
| All other.....do... | 6,698 | 88,257 | 583 | 3,215 | 217 | 2,563 | 313 | 2,277 | 254 | 1,848 | 339 | 2,326 | 931 | 4,119 |
| Posts: Cedar, tamarack, and other ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 36,751 | ..... | 75,220 | ..... | 105,772 |
| Wood blocks, and other, for pulp ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 57,197 | ..... | 170,636 | ..... | 183,312 |
| Other articles..... | ..... | ..... | ..... | 141,409 | ..... | 227,124 | ..... | 239,880 | ..... | 181,730 | ..... | 157,509 | ..... | 155,541 |
| Other wood ..... | ..... | 114,781 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total ..... | ..... | 26,648,441 | ..... | 10,433,749 | ..... | 10,647,074 | ..... | 12,208,027 | ..... | 11,165,052 | ..... | 13,074,131 | ..... | 12,632,643 |
| AGRICULTURAL PRODUCTS. | | | | | | | | | | | | | | |
| Balsam fir ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6,382 | ..... | 4,612 | ..... | 1,771 |
| Bran.....cwt.. | 24,501 | 21,806 | 23,039 | 10,646 | 73,401 | 37,930 | 24,840 | 10,874 | 31,493 | 14,103 | 80,522 | 36,444 | 50,164 | 51,318 |
| Flax .....do... | 11,634 | 108,220 | 7,060 | 59,904 | 10,522 | 82,747 | 17,108 | 121,807 | 21,207 | 175,563 | 21,877 | 131,386 | 38,457 | 112,360 |
| Seeds of flax .....bushels.. | ..... | ..... | ..... | ..... | 364 | 400 | 8,284 | 7,637 | ..... | ..... | 92 | 350 | ..... | ..... |
| Fruit: | | | | | | | | | | | | | | |
| Apples ..... | ..... | ..... | ..... | 51,909 | ..... | 197,613 | ..... | 230,103 | ..... | 149,479 | ..... | 147,158 | ..... | 27,661 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Berries:** | | | | | | | | | | | | | | |
| Preserved | | | | | | | | 75,285 | | 56,117 | | 64,814 | | 98,242 |
| Other | | | | | | | | 6,292 | | | | | | |
| **Grain:** | | | | | | | | | | | | | | |
| Barley.....bushels.. | 8,817,216 | 6,293,233 | 9,028,814 | 5,477,441 | 9,347,968 | 5,260,967 | 9,934,501 | 6,454,603 | 9,989,248 | 4,582,575 | 4,751,960 | 2,849,281 | 2,721,163 | 1,354,485 |
| Beans.....do... | 142,429 | 212,530 | 192,530 | 184,945 | 197,913 | 206,840 | 303,135 | 406,101 | 184,414 | 250,769 | 322,127 | 494,106 | 313,945 | 409,424 |
| Indian corn.....do... | 819,605 | 586,020 | 448 | 234 | 136 | 105 | 96 | 95 | 730 | 321 | 840 | 359 | 244 | 105 |
| Indian corn, canned..do... | 1,024,053 | 460,821 | | | | | | | | 2,910 | | | | |
| Oats.....do... | 2,339,287 | 2,161,708 | 94,971 | 84,515 | 40,342 | 12,210 | 93,668 | 28,680 | 41,205 | 11,758 | 24,093 | 8,710 | 169,770 | 55,654 |
| Peas.....do... | 1,093,112 | 744,613 | 369,791 | 301,520 | 455,358 | 331,349 | 333,027 | 312,650 | 437,775 | 371,332 | 390,903 | 358,267 | 527,932 | 463,386 |
| Peas, split.....do... | 10,733,535 | 11,703,374 | | | | | | | 90,277 | 74,215 | 110,075 | 99,336 | 19,612 | 29,469 |
| Rye.....do... | 106,018 | 59,435 | 249,140 | 151,379 | 26,030 | 12,350 | | | 237,042 | 113,330 | 150,330 | 95,131 | 111,503 | 88,207 |
| Wheat.....do... | | | 345,410 | 268,718 | 341,508 | 265,940 | 38,810 | 28,639 | 6,759 | 6,625 | 1,092,109 | 613,690 | 1,489,881 | 871,263 |
| Other.....do... | | | 54,278 | 32,549 | 55,254 | 23,133 | 71,104 | 39,988 | 35,943 | 18,246 | 40,549 | 17,125 | 247,095 | 124,078 |
| **Flour:** | | | | | | | | | | | | | | |
| Wheat.....barrels.. | 526,340 | 2,703,078 | 4,313 | 14,547 | 5,244 | 20,766 | 2,242 | 12,462 | 8,052 | 34,470 | 13,109 | 58,489 | 4,613 | 17,420 |
| Indian corn.....do... | 279 | 1,077 | 21 | 79 | 1 | 2 | | | 30 | 82 | 30 | 99 | | |
| Oats.....do... | 67,016 | 280,572 | 1,596 | 4,491 | 1,064 | 3,803 | 6,912 | 25,143 | 14,198 | 47,581 | 576 | 1,900 | 1,234 | 4,722 |
| Other.....do... | 4,338 | 11,809 | 485 | 1,218 | 2,952 | 8,176 | 15,370 | 44,402 | 3,024 | 9,500 | 21 | 71 | 316 | 2,729 |
| Hay.....tons.. | 93,740 | 902,105 | 129,820 | 1,181,616 | 69,540 | 670,749 | 82,308 | 822,381 | 101,713 | 922,797 | 50,070 | 375,813 | 67,067 | 598,567 |
| Hops | 170,439 | 91,516 | 1,324 | 480 | | | | | | | 12,876 | 4,096 | 5,809 | 1,695 |
| Hemp | | | | | | | 104 | 23,296 | 2,656 | 25,658 | 16 | 123 | | |
| Malt.....cwt.. | 1,329,958 | 1,136,700 | 374,961 | 280,137 | 182,176 | 146,012 | 138,821 | 105,183 | 259,190 | 149,551 | 120,093 | 87,084 | 25 | 20 |
| Maple sugar.....pounds.. | 169,662 | 12,358 | 10,109 | 868 | 212,077 | 15,377 | 403,935 | 26,548 | 233,958 | 16,644 | 305,527 | 21,849 | 763,017 | 50,843 |
| Potatoes.....bushels.. | 2,424,979 | 1,048,954 | 377,885 | 108,791 | 1,276,809 | 328,602 | 717,668 | 192,576 | 1,053,230 | 308,915 | 3,326,550 | 1,478,095 | 135,324 | 41,886 |
| **Seed:** | | | | | | | | | | | | | | |
| Clover and grass | | | | | | | | 28,358 | | 30,091 | | 55,536 | | 24,389 |
| Other | | 213,920 | | 46,438 | | 3,602 | | 2,293 | | 4,910 | | 2,088 | | 1,389 |
| Straw.....tons.. | 3,658 | 17,257 | 3,014 | 13,632 | 4,918 | 21,336 | 3,884 | 19,807 | 5,547 | 24,118 | 5,743 | 21,064 | 4,063 | 14,168 |
| Tobacco.....pounds.. | 95,289 | 18,384 | 79,053 | 31,760 | 310,924 | 52,114 | 171,140 | 73,768 | 104,656 | 50,076 | 80,504 | 39,289 | 207,609 | 39,260 |
| Vegetables | | 92,158 | | 61,652 | | 75,517 | | 63,174 | | 93,557 | | 93,856 | | 70,064 |
| Nuts | | | | | | | | | 838 | 39 | 120 | 5 | | |
| Trees, shrubs, and plants | | | | | | | | | | 3,177 | | 4,026 | | 5,298 |
| Other articles | | 113,150 | | 232,345 | | 249,386 | | 87,706 | | 7,738 | | 33,803 | | 17,230 |
| Total | | 29,515,033 | | 9,432,442 | | 8,043,192 | | 9,265,100 | | 7,605,744 | | 7,437,511 | | 4,720,324 |
| **PRODUCT OF THE MINES.** | | | | | | | | | | | | | | |
| Coal.....tons.. | 468,490 | 1,195,407 | 399,192 | 1,312,143 | 469,744 | 1,422,353 | 585,111 | 2,113,878 | 650,024 | 2,309,064 | 751,802 | 2,718,967 | 845,557 | 2,972,228 |
| Gold-bearing quartz nugget.. | | 911,383 | | 999,007 | | 1,017,401 | | 623,479 | | 656,522 | | 553,796 | | 316,153 |
| Gypsum, crude.....tons.. | 154,809 | 151,844 | 116,415 | 120,046 | 148,325 | 165,497 | 176,734 | 188,789 | 174,503 | 191,623 | 172,231 | 183,679 | 176,256 | 193,170 |
| Mineral oil: | | | | | | | | | | | | | | |
| Crude.....gallons.. | | | 954,326 | 27,169 | 309,481 | 10,879 | 109,152 | 18,333 | 352,094 | 15,298 | 434,699 | 18,436 | 490,395 | 18,137 |
| Refined.....do... | 3,106 | 593 | | | | | 22,323 | 2,054 | 7,835 | 622 | 460 | 55 | 1,190 | 128 |
| **Ores:** | | | | | | | | | | | | | | |
| Antimony.....tons.. | 368 | 11,842 | 3 | 1,500 | 40 | 1,200 | | | 16 | 445 | | | | |
| Copper.....do... | 4,402 | 150,479 | 1,232 | 245,290 | 5,259 | 181,010 | 1,267 | 191,152 | | | 41 | 2,219 | 58 | 2,605 |
| Iron.....do... | 44,944 | 138,775 | 54,367 | 132,076 | 23,385 | 71,934 | 24,752 | 60,259 | 13,711 | 28,666 | 14,628 | 32,442 | 7,707 | 36,935 |
| Lead.....do... | 2 | 32 | | | | | | | 4 | 2,000 | | | 30 | 5,000 |
| Manganese.....do... | 1,194 | 29,417 | | | 863 | 47,266 | 1,553 | 29,027 | 1,789 | 37,697 | 880 | 16,218 | 165 | 6,106 |
| Silver.....do... | 100 | 14,200 | 31 | 7,539 | 22 | 16,487 | 213 | 167,165 | 189 | 184,019 | 309 | 238,367 | 325 | 193,441 |

*Comparative statement of exports from the Dominion of Canada to the United States, etc.*—Continued.

| Articles. | 1883. | | 1885. | | 1887. | | 1889. | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| PRODUCT OF THE MINES—continued. | | | | | | | | | | | | | | |
| Nickel, fine.....pounds.. | | | | | | | | | | | 4,504,383 | $210,319 | 12,532,904 | $466,517 |
| Copper: | | | | | | | | | | | | | | |
| Fine.....do.... | | | | | | | 152,020 | $7,602 | 1,797,848 | $109,327 | 3,116,503 | 171,308 | 3,797,803 | 185,843 |
| Matte.....do.... | | | | | | | | | | | 1,719,990 | 64,719 | | |
| Mica: | | | | | | | | | | | | | | |
| Crude and cut..... | | | | | | | | 32,305 | | 24,437 | | 19,116 | | 63,703 |
| Ground..... | | | | | | | | 2,878 | | 2,428 | | 2,646 | | 4,253 |
| Manganese.....tons.. | | | 302 | $14,974 | | | | | | | | | | |
| Plumbago.....cwt.. | 140 | $59 | | | 7,180 | $3,278 | 2,200 | 802 | 1,028 | 1,959 | | 163 | 1,230 | 433 |
| Salt.....bushels.. | 331,130 | 43,618 | 209,584 | 19,268 | 151,091 | 16,962 | 63,748 | 13,198 | 24,770 | 5,321 | 56,590 | 12,148 | 31,103 | 7,395 |
| Sand and gravel.....tons.. | 63,426 | 17,755 | 90,015 | 23,590 | 135,627 | 23,207 | 250,328 | 42,067 | 329,648 | 60,359 | 324,120 | 63,326 | 329,771 | 60,285 |
| Slate.....do... | 177 | 3,403 | 355 | 4,210 | 20 | 420 | | 398 | 12 | 153 | | | 63 | 1,507 |
| Stones: | | | | | | | | | | | | | | |
| Unwrought.....do... | 26,578 | 73,363 | 16,004 | 52,855 | 12,173 | 65,300 | 10,938 | 44,338 | 12,232 | 54,823 | 14,980 | 37,432 | 38,666 | 49,372 |
| Ornamental.....do... | | | | | | | | | 3,461 | 11,225 | 1,180 | 9,273 | 166 | 1,076 |
| Phosphates..... | 14,478 | 302,716 | 745 | 8,980 | 733 | 6,223 | 2,911 | 32,464 | 3,192 | 34,182 | 1,825 | 22,350 | 1,324 | 11,857 |
| Barytes, ground or unground.....cwt.. | | | | | | | | | 180 | 850 | 170 | 1,190 | | |
| Asbestos: | | | | | | | | | | | | | | |
| First class..... | | | | | | | 3,979 | 252,135 | 5,462 | 391,576 | 4,295 | 315,397 | 1,777 | 116,005 |
| Second class..... | | | | | | | 108 | 4,226 | 285 | 10,894 | 1,063 | 58,041 | 3,771 | 341,942 |
| Third class..... | | | | | | | 90 | 4,618 | 34 | 1,330 | 21 | 1,249 | 398 | 18,009 |
| Other articles..... | | 61,939 | | 72,258 | | 271,755 | | 103,028 | | 28,969 | | 4,644 | | 25,220 |
| Total..... | | 3,106,830 | | 3,040,903 | | 3,321,172 | | 3,968,195 | | 4,163,785 | | 4,752,680 | | 4,997,324 |

*Value of exports declared in Canada for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **AMHERSTBURG.** | | | | | |
| Belts | $374.09 | $902.00 | $683.00 | $792.00 | $2,751.00 |
| Boiler and engine | | | 600.00 | | 600.00 |
| Charcoal | | 120.00 | | | 120.00 |
| Drill and scow | 2,000.00 | | | | 2,000.00 |
| Fresh fish | 2,365.50 | 2,350.25 | | 1,814.45 | 6,530.70 |
| Hoops | 327.25 | 182.00 | 172.00 | 174.00 | 855.25 |
| Furs (raw) | | | | 188.20 | 188.20 |
| Horses | 3,250.00 | 6,300.00 | | 290.00 | 9,840.00 |
| Household effects | 1,314.00 | 439.00 | 152.00 | 80.00 | 1,985.00 |
| Lands | | 600.00 | | | 600.00 |
| Logs | 1,968.00 | | 504.00 | | 2,472.00 |
| Lumber | 8,226.44 | 3,927.24 | 1,758.70 | 2,623.06 | 16,535.44 |
| Molding sand | 270.00 | | | | 270.00 |
| Staves | 20,357.22 | 15,890.63 | 4,721.51 | 11,802.47 | 52,771.83 |
| Total | | | | | 97,519.42 |
| **ARTHABASKA.** | | | | | |
| Asbestos | 3,940.00 | 2,504.00 | 1,074.88 | 11,832.50 | 19,351.38 |
| Bells | 150.00 | 154.00 | 206.50 | | 510.50 |
| Cedar posts | 120.00 | | | 140.00 | 260.00 |
| Glue stock | | 178.25 | | | 178.75 |
| Hairs, plastering | 291.75 | | | 497.37 | 789.12 |
| Horses | 100.00 | 700.00 | 100.00 | 605.00 | 1,505.00 |
| Household goods | 4,047.15 | 4,645.00 | 2,808.43 | 5,807.75 | 17,308.33 |
| Hay | 793.64 | | 2,682.75 | 285.70 | 3,762.09 |
| Hemlock bark | | | 225.00 | | 225.00 |
| Lumber | 4,344.28 | 5,154.33 | 1,907.20 | 10,134.90 | 21,540.71 |
| Lands | 19,867.29 | 10,127.75 | | 606.00 | 30,601.04 |
| Maple sugar | | | | 240.00 | 240.00 |
| Pulp wood | | | 112.50 | | 112.50 |
| Shingles | 8,154.83 | 3,433.79 | 2,131.40 | 5,824.28 | 19,544.30 |
| Sheep | 180.75 | | | | 180.75 |
| Serpenture rock | 622.50 | | | | 622.50 |
| Stoves | | 255.00 | | | 255.00 |
| Stones | | 257.50 | | | 257.50 |
| Railway ties | | 3,085.60 | 2,795.34 | 2,499.00 | 8,379.94 |
| Telegraph poles | 102.60 | | | 1,217.15 | 1,319.75 |
| Total | 42,714.79 | 30,495.22 | 14,044.00 | 39,689.65 | 126,943.66 |
| **BELLEVILLE.** | | | | | |
| Actinolite ore | | | 5.25 | 225.00 | 230.25 |
| Apples | 1,712.30 | 3,060.71 | 666.00 | | 5,439.01 |
| Apple waste | 336.50 | | | | 336.50 |
| Bags | | 97.00 | | | 97.00 |
| Barley | | 13,438.50 | 2,136.85 | 15,917.00 | 31,492.35 |
| Barrels: | | | | | |
| Apple | 218.13 | 571.60 | 84.00 | | 868.73 |
| Coal oil | | 162.00 | 138.40 | | 300.40 |
| Beans | 160.00 | 160.00 | | | 320.00 |
| Buffalo robes | 50.00 | | | | 50.00 |
| Calves | 24.00 | | | | 24.00 |
| Eggs | 1,014.81 | | | | 1,014.81 |
| Emigrants' effects | 5,030.00 | 6,560.00 | 2,193.00 | 7,188.00 | 20,971.00 |
| Engine, water | | | 88.00 | | 88.00 |
| Fish | | | | 435.00 | 435.00 |
| Furs | | 877.00 | 210.00 | 390.00 | 1,477.00 |
| Ginseng | 537.20 | 921.40 | | | 1,458.60 |
| Hair | | | | 44.55 | 44.55 |
| Hats | | | | 144.00 | 144.00 |
| Hides | 1,327.00 | 600.00 | | 3,742.75 | 5,669.75 |
| Historical records | | | 30.00 | | 30.00 |
| Hogs | | | 1,190.42 | | 1,190.42 |
| Horses | 3,480.00 | 1,577.50 | 8,558.00 | 9,830.90 | 23,446.40 |
| Junk | | | 40.00 | | 40.00 |
| Lambs | 3,382.00 | 4,397.00 | | | 7,779.00 |
| Logs | | | 2.00 | | 2.00 |
| Machine and patterns | | | | 65.00 | 65.00 |
| Mica | | | 218.00 | | 218.00 |
| Pease | | 5,967.00 | | | 5,967.00 |
| Pump and fixtures | 54.00 | | | | 54.00 |
| Sacks, for hair | | | | 1.00 | 1.00 |
| Sheep | 98.00 | 18.00 | | | 116.00 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| BELLEVILLE—continued. | | | | | |
| Skiff | | | | $50.00 | $50.00 |
| Stove patterns | $330.00 | | | | 330.00 |
| Table legs and leave | | | | 11.25 | 11.25 |
| Wooden patterns | | | | 90.00 | 90.00 |
| Total | 17,748.94 | $38,407.71 | $15,559.92 | 38,134.45 | 109,851.02 |
| BROCKVILLE. | | | | | |
| Ashes | 167.50 | | | | 167.05 |
| Breeding animals | 160.00 | 153.00 | | | 313.10 |
| Bran | | | 22.10 | | 22.00 |
| Brick | 120.00 | | | | 120.00 |
| Curtain sticks | 2,274.69 | | | | 2,374.69 |
| Cheese | | 426.50 | | | 426.50 |
| Clapboards | | | | 31.70 | 31.70 |
| Carriages | | | | 161.50 | 161.50 |
| Dressed poultry | | 12,120.16 | | | 12,120.16 |
| Elm logs | | | | 362.52 | 362.52 |
| Emigrants' effects | 5,036.00 | 4,363.00 | 1,640.00 | 900.00 | 11,939.00 |
| Horses | 4,332.50 | 1,430.00 | 1,122.06 | 3,150.00 | 10,034.50 |
| Hides and skins | 7,877.00 | 4,652.00 | 4,302.00 | 33,134.00 | 49,965.00 |
| Harness (old) | | 5.00 | | | 5.00 |
| Lumber | 45,237.13 | 28,913.99 | 5,681,82 | 45,529.87 | 125,362.81 |
| Lath | 8,788.96 | 5,566.92 | | 3,761.28 | 18,117.16 |
| Leather machinery | | 139.00 | | | 139.00 |
| Lambs and sheep | | 16,990.50 | | | 16,990.50 |
| Moldings | | | | 4.56 | 4.56 |
| Maple sugar | 236.30 | | | | 236.30 |
| Moccasins | 66.00 | 44.00 | | | 110.00 |
| Mica | | 1,992.67 | 1,889.92 | 1,874.51 | 5,757.10 |
| Pulp wood | 3,291.88 | 1,000.50 | | 218.50 | 4,510.88 |
| Returned goods | 152.13 | 1,290.00 | 400.00 | | 1,842.13 |
| Raw furs | | 100.00 | | 1,100.00 | 1,200.00 |
| Shingles | 6,044.12 | 1,687.07 | 1,169.10 | 3,850.19 | 12,750.48 |
| Snow shoes | 35.00 | 26.35 | | | 61.35 |
| Shorts | | | 171.50 | | 171.50 |
| Toboggans and snow shoes (tog) | | 57.49 | | | 57.49 |
| Timber | | 52.70 | | | 52.70 |
| Wood-working machinery | | | 142.00 | | 142.00 |
| Wagon jacks | | | 19.00 | | 19.00 |
| Total | 83,819.21 | 81,010.85 | 16,559.44 | 94,078.63 | 275,468.13 |
| CARLETON PLACE. | | | | | |
| Chains (old, for logging) | | | | 30.00 | 30.00 |
| Emigrant's effects | 1,965.00 | 863.00 | 3,124.50 | 24,400.00 | 8,392.50 |
| Furs, raw | | 150.96 | 1,344.00 | 3,288.00 | 4,782.96 |
| Hides | 1,400.00 | | 2,000.00 | 1,200.00 | 4,600.00 |
| Horses | 6,000.00 | | | | 6,000.00 |
| Lambs and sheep | | 55,815.00 | | | 55,815.00 |
| Lath | 464.59 | 561.90 | 939.50 | 419.25 | 2,385.24 |
| Lumber: | | | | | |
| Ash | 2,092.91 | 2,660.20 | 1,051.32 | 3,525.05 | 9,329.48 |
| Basswood | | 1,687.84 | 151.72 | 260.14 | 2,099.70 |
| Birch | | 370.97 | | | 370.97 |
| White pine | 117,457.34 | 159,976.03 | 119,893.60 | 157,383.62 | 554,710.59 |
| In bond for export | 8,531.86 | 2,768 68 | 3,232.73 | 6,620.05 | 21,153.32 |
| Red pine | 308.55 | 1,924.15 | 1,504.54 | 1,417.65 | 5,154.89 |
| Spruce | | 110.74 | | | 110.74 |
| Ship timber | 288.64 | 257.62 | 905.21 | 1,263.54 | 2,715.01 |
| Peas | | 1,842.77 | 862.46 | | 2,705.23 |
| Piano | | 200.00 | | | 200.00 |
| Pickets | | 375.65 | | | 375.65 |
| Poles | | | 180.00 | | 180.00 |
| Pulpwood | 3,587.50 | 969.25 | | 4,909.25 | 9,466.00 |
| Shingles | | | | | |
| Cedar | 1,343.20 | 225.60 | 156.00 | | 1,724.80 |
| Pine | 282.00 | | 1,048.28 | 1,175.05 | 2,505.33 |
| Total | 143,721.59 | 230,760.86 | 136,393.86 | 183,931.60 | 694,807.41 |
| CHARLOTTETOWN. | | | | | |
| Blueberries | 3,660.25 | 1,027.74 | | 1,075.00 | 5,762.99 |
| Codfish | 100.00 | 182.50 | | | 282.50 |
| Eggs | 24,044.71 | 9,464.24 | 743.50 | 4,787.12 | 29,939.57 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| **CHARLOTTETOWN—continued.** | | | | | |
| Geese | $1,309.50 | $3,585.50 | | | $4,895.00 |
| Goods returned | | 500.00 | | $430.50 | 930.00 |
| Household effects | 4,081.30 | 5,710.64 | $470.00 | 3,504.00 | 13,765.94 |
| Horses | 2,921.50 | 3,309.50 | 3,522.50 | 5,914.50 | 15,668.00 |
| Herring cases | 207.30 | | | | 207.30 |
| Hake sounds | | 3,473.78 | | | 3,473.78 |
| Lobsters | 78,087.86 | 31,130.83 | 215.50 | 143,098.11 | 252,532.30 |
| Mackerel | 90,635.50 | 33,563.20 | 752.55 | | 124,950.70 |
| Do | 367.00 | | | | 367.00 |
| Mackerel nets | 362.50 | | | | 362.50 |
| Oil barrels | 198.00 | | 90.75 | 775.50 | 974.25 |
| Oats | | 272.50 | | | 272.50 |
| Potatoes | | 106,155.80 | 7,635.27 | 46,782.24 | 160,573.31 |
| Sheep | 885.00 | 21,656.30 | | | 22,541.30 |
| Sundries | 123.50 | 93.97 | | 67.00 | 281.47 |
| Skins and hides | 2,263.88 | 43.80 | 469.83 | 2,238.31 | 5,015.84 |
| Slate | 752.54 | 263.00 | | 1,441.63 | 2,457.17 |
| Turnips | | 355.41 | | | 355.41 |
| Total | 200,810.34 | 220,785.71 | 13,899.35 | 210,113.91 | 645,609.31 |
| Total for preceding year | 215,375.40 | 91,107.67 | 8,921.00 | 73,063.96 | 388,468.03 |
| Increase | | 129,678.04 | 4,978.35 | 137,049.95 | 271,706.34 |
| Decrease | 14,565.06 | | | | |
| **CHATHAM.** | | | | | |
| Beans | 87,974.16 | 92,866.77 | 59,914.76 | 28,565.96 | 269,321.65 |
| Staves | 72,554.84 | 60,802.23 | 28,878.44 | 33,811.35 | 196,046.86 |
| Logs and bolts | 37,060.50 | 11,189.50 | 162.00 | 24,672.60 | 73,084.60 |
| Hides | 5,794.34 | 3,646.96 | 6,295.67 | 1,672.85 | 17,409.82 |
| Eggs | 12,520.08 | 17,781.60 | 277.08 | 1,030.50 | 31,609.26 |
| Ship plank | 1,155.32 | 700.00 | 2,100.00 | 700.00 | 4,655.32 |
| Bran | 4,330.94 | 6,701.30 | 3,361.50 | 2,469.05 | 16,862.79 |
| Lumber | 8,078.41 | 4,842.21 | 5,528.14 | 2,872.63 | 21,321.39 |
| Stock of all kinds | 1,580.00 | 3,730.00 | 1,560.50 | 760.00 | 7,630.50 |
| Miscellaneous | 1,010.00 | 2,074.50 | 148.00 | 2,057.75 | 5,290.25 |
| Settlers' effects | | 6,195.00 | 6,235.00 | 8,930.00 | 21,360.00 |
| Apples | | 10,313.87 | 3,260.05 | 1,247.40 | 14,821.32 |
| Total | 232,058.59 | 220,843.94 | 111,721.14 | 108,790.09 | 673,413.76 |
| Total for preceding year | 127,845.72 | 155,073.08 | 157,420.61 | 185,644.37 | 625,983.78 |
| Increase | 104,212.87 | 65,770.86 | | | 47,429.98 |
| Decrease | | | 45,699.47 | 76,854.28 | |
| **CLIFTON.** | | | | | |
| Aluminum, Soley metal | | | 231.00 | | 231.00 |
| Animals: | | | | | |
| Cattle | | 40.00 | | | 40.00 |
| Horses: | | | | | |
| For exhibition and racing | 6,700.00 | | | 1,220.00 | 7,920.00 |
| For use | 2,084.50 | 1,874.50 | 3,313.50 | 955.00 | 8,227.50 |
| Sheep | 1,229.00 | | | | 1,229.00 |
| Apples | | 410.10 | | 134.50 | 544.60 |
| Beans | 84.00 | | | | 84.00 |
| Bones | 166.00 | 213.50 | 224.00 | 238.00 | 861.50 |
| Bone ornaments | 279.13 | | | | 279.13 |
| Bran | 2,748.00 | 1,320.00 | 420.00 | 528.00 | 5,016.00 |
| Brick | 410.40 | | 255.00 | 188.00 | 853.40 |
| Canned goods | 2,096.52 | | 2,503.30 | | 4,599.82 |
| Hair, horse | 311.47 | | | | 311.47 |
| Haircloth | | | | 3,753.62 | 3,753.62 |
| Harness | 30.00 | 20.00 | | | 50.00 |
| Ice | 550.00 | 400.00 | | | 950.00 |
| Iron press | 200.00 | | | | 200.00 |
| Lemon peel | | 245.82 | | | 245.82 |
| Lumber | 1,385.18 | 4,773.64 | 1,603.45 | 655.72 | 8,417.99 |
| Machinery | | 150.00 | | | 150.00 |
| Nursery stock | | 2,328.78 | | 4,345.39 | 6,674.17 |
| Paper stock | 4,659.21 | 12,555.45 | 10,354.55 | 3,536.29 | 31,105.50 |
| Paraffin wax | | | | 4,200.00 | 4,200.00 |
| Poultry | | 200.00 | | | 200.00 |
| Pumps | | | 130.00 | | 130.00 |
| Scrap, German silver | 520.04 | 1,365.00 | 605.00 | 922.50 | 3,412.54 |
| Scrap, steel | 310.84 | | | | 310.84 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| CLIFTON—continued. | | | | | |
| Skins | $268.90 | | | | $268.90 |
| Spar goods | 391.99 | $233.97 | | $538.50 | 1,164.46 |
| Staves | | | | 60.00 | 60.00 |
| Stone, dressed | 134.00 | | | | 134.00 |
| Timber | 761.65 | | | | 761.65 |
| Tobacco | | | $364.10 | | 364.10 |
| Vegetables | | 80.00 | 48.50 | | 128.50 |
| Wagons, buggies, and cutter | 120.00 | 80.00 | | | 200.00 |
| Wedding gifts, not enumerated | 724.25 | | | | 724.25 |
| Wood, spruce, for pulp | 1,236.00 | 960.00 | | | 2,196.00 |
| Total | 27,421.08 | 27,250.76 | 20,052.40 | 21,275.52 | 95,999.76 |
| COATICOOK. | | | | | |
| Bark, hemlock | 10.30 | 2.80 | 1.40 | 11.25 | 25.75 |
| Barrels, returned | 1.52 | 5.09 | 5.90 | 6.74 | 19.25 |
| Breeding animals | | 27.65 | | | 27.65 |
| Cedar poles | | | | 4.82 | 4.82 |
| Clapboards | 51.91 | 44.52 | 8.61 | 91.40 | 196.44 |
| Copper ore | 632.91 | 541.54 | 292.35 | 77.03 | 1,543.83 |
| Cotton waste | | | | 3.18 | 3.18 |
| Fruit trees | | | | 1.60 | 1.60 |
| Furs, raw | | | 1.07 | | 1.07 |
| Fulminate of mercury | | | 41.93 | 87.61 | 129.54 |
| Granite, rough | | 1.65 | | 3.64 | 5.29 |
| Gum, spruce | | | | 2.23 | 2.23 |
| Hay | | 7.56 | 3.42 | | 10.98 |
| Hides | 3.85 | 2.04 | 2.40 | | 8.29 |
| Honey | 1.50 | | | | 1.50 |
| Horses | 50.15 | 28.11 | 33.83 | 110.32 | 222.41 |
| Hogs | | | | 2.50 | 2.50 |
| Lambs | 123.89 | 58.12 | | | 182.01 |
| Lumber | 9.92 | 20.20 | 9.28 | 15.55 | 54.95 |
| Logs | 225.05 | 50.91 | 153.55 | 142.88 | 572.39 |
| Machinery | | | 2.35 | | 2.35 |
| Miscellaneous | | 3.55 | | 2.89 | 6.44 |
| Niter | | 6.24 | | | 6.24 |
| Piles | 27.70 | 9.36 | | | 37.06 |
| Pulp, wood | | 2.70 | 6.90 | | 9.60 |
| Railway ties | 1.31 | | 25.53 | | 26.84 |
| Raspberries | 7.90 | | | | 7.90 |
| Settlers' effects | 84.58 | 110.34 | 75.20 | 118.38 | 308.50 |
| Sheep | | | 3.60 | 2.66 | 6.26 |
| Shingles | | | | 2.24 | 2.24 |
| Sugar, maple | 2.41 | 18.44 | | 24.59 | 45.44 |
| Sulphur ore | 12.44 | 24.93 | 220.84 | 300.23 | 558.44 |
| Wire mattresses | | | | 1.25 | 1.25 |
| Total | | | | | 4,034.14 |
| COLLINGWOOD. | | | | | |
| Apples | 15,481 | 2,774 | 355 | | 18,610 |
| Barley | 67,667 | 43,374 | 2,000 | | 113,041 |
| Bran | 100 | 216 | | 703 | 1,019 |
| Breeding animals | 2,195 | | | | 2,195 |
| Eggs | 6,881 | | | | 6,881 |
| Fish, fresh | 8,668 | 1,310 | 46,153 | 72,668 | 128,799 |
| Hogs, live | | | 1,296 | | 1,296 |
| Horses | 2,264 | | 9,482 | 420 | 12,006 |
| Lambs | 27,135 | 1,640 | | 28,001 | 56,776 |
| Laths | 2,526 | | 1,769 | 973 | 5,268 |
| Lumber: | | | | | |
| Pine | 121,428 | 22,399 | 213,768 | 160,460 | 518,055 |
| Other | 1,633 | 349 | 2,143 | 1,152 | 5,277 |
| Miscellaneous | 176 | | 270 | 406 | 852 |
| Pease | 1,440 | 2,092 | 600 | | 4,132 |
| Posts and ties | | | | 9,661 | 9,661 |
| Pulp, wood | | 996 | 9,840 | | 10,836 |
| Settlers' effects | 11,336 | 6,138 | 10,920 | 3,655 | 32,049 |
| Shingles | 13,312 | 9,457 | 31,228 | 12,745 | 66,742 |
| Tan bark | 587 | | | | 587 |
| Telegraph poles | | 241 | | 12,269 | 12,510 |
| Total | 282,829 | 90,986 | 329,824 | 303,113 | 1,006,752 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **DELORAINE.** | | | | | |
| Breeding animals | $740.00 | | | | $740.00 |
| Deceased citizens' effects | | $50.00 | | | 50.00 |
| Emigrants' effects | 4,926.50 | | $2,589.00 | $2,856.00 | 10,371.50 |
| Horses | 200.00 | 825.65 | 367.50 | | 1,393.15 |
| Returned American goods | 627.50 | | 132.50 | | 760.00 |
| Total | | | | | 13,314.65 |
| **DESERONTO.** | | | | | |
| Apples | | 43.50 | | | |
| Blind slats | 41.82 | | | | |
| Barley | | 7,283.60 | | | |
| Buckwheat | | 1,202.80 | | | |
| Blocks, cedar | | | | 32.00 | |
| Charcoal | 7,935.09 | 7,897.41 | 7,913.51 | 5,860.10 | |
| Crude wood tar | | 276.00 | | | |
| Cement | 37.50 | 43.50 | | 49.50 | |
| Flour | 50.00 | 65.61 | | | |
| Hay | | | 290.00 | | |
| Household goods | 366.00 | 370.00 | 122.00 | 734.00 | |
| Horses | 145.00 | | | | |
| Hop poles | | | | 33.32 | |
| Lumber | 127,024.10 | 86,546.83 | 759.85 | 128,945.89 | |
| Lath | 5,220.92 | 5,601.67 | | 2,681.38 | |
| Logs, oak | 5.55 | 45.00 | | | |
| Posts | 5,745.30 | 3,837.99 | | 4,232.00 | |
| Pulp, wood | 2,028.00 | 412.00 | | 3,001.25 | |
| Pickets | 50.40 | 225.11 | | 30.00 | |
| Shingles | 20,328.37 | 15,478.76 | 150.00 | 21,166.15 | |
| Sawdust | | | | 2.00 | |
| Telegraph poles | | 140.60 | | 219.00 | |
| Terra-cotta brick | 169.00 | | | | |
| Ties | 9,870.15 | 10,054.50 | | 8,661.11 | |
| Tools | | | | 28.00 | |
| Total | 179,037.20 | 139,531.88 | 9,235.36 | 175,675.70 | 503,480.14 |
| **PORT ERIE.** | | | | | |
| Apples | | 1,550.00 | | | 1,550.00 |
| Beans | | 643.00 | 604.00 | | 1,247.00 |
| Bran | | 143.00 | | | 143.00 |
| Buggy | | | | 35.00 | 35.00 |
| Calves | | 18.00 | 27.00 | | 45.00 |
| Christmas trees | | 41.00 | | | 41.00 |
| Dried beef | | | 14.00 | | 14.00 |
| Eggs | 207.00 | | 306.00 | | 513.00 |
| Fresh fish | 688.00 | | | 980.00 | 1,668.00 |
| Grass seed | | 4,814.00 | 5,482.00 | 484.00 | 10,780.00 |
| Hay | | | | 452.00 | 452.00 |
| Horses | 4,480.00 | 4,093.00 | 6,784.00 | 9,150.00 | 24,507.00 |
| Household effects | 390.00 | 90.00 | 200.00 | 240.00 | 920.00 |
| Hogs | | | 96.00 | 2,990.00 | 3,086.00 |
| Lambs and sheep | 5,206.00 | 9,091.00 | 1,310.00 | | 15,607.00 |
| Logs | 38,461.00 | 1,789.00 | 153.00 | 3,176.00 | 43,579.00 |
| Lumber | 77.00 | 1,047.00 | 2,042.00 | 1,246.00 | 4,412.00 |
| Manure | 250.00 | | | | 250.00 |
| Moose heads | | | 131.00 | | 131.00 |
| Rags | 314.00 | | | | 314.00 |
| Sleighs | | | 210.00 | | 210.00 |
| Scrap iron | | | | 127.00 | 127.00 |
| Street organ | | | 55.00 | | 55.00 |
| Wheat | | 21,733.00 | | | 21,733.00 |
| Wood ashes | 1,000.00 | | | | 1,000.00 |
| Total | 51,073.00 | 45,052.00 | 17,414.00 | 18,880.00 | 132,419.00 |
| **GASPE BASIN.** | | | | | |
| Blueberries, canned | 2,680.00 | 824.10 | | | 3,504.10 |
| Bone and skin of a seal | 12.00 | | | | 12.00 |
| Bedding | 17.00 | | | | 17.00 |
| Codfish, dry | 200.00 | 950.00 | | | 1,150.00 |
| Cod-liver oil | | | | 2,928.00 | 2,928.00 |
| Fresh fish, smelts | | 97.00 | | | 97.00 |
| Herring, pickled | | 4.00 | | | 4.00 |
| Household goods | | 360.00 | | | 360.00 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| **GASPE BASIN—continued.** | | | | | |
| Lobsters, canned | $750.00 | | | $450.00 | $1,20 |
| Railway ties, cedar | 23,057.53 | $922.71 | | 13,654.79 | 37,64 |
| Shingles, cedar | 264.50 | | | | 26 |
| Sundries | | 20.00 | | | 2 |
| Whale oil | | 1,968.90 | | | 1,96 |
| Total | | | | | 49,16 |
| **GUELPH.** | | | | | |
| Animals for breeding purposes | 6,659.00 | 3,913.00 | $1,230.00 | | 11,80 |
| Apples | 1,411.40 | 34,684.35 | 5,867.05 | 697.50 | 42,66 |
| Barley | | 4,907.44 | 5,740.84 | | 10,64 |
| Bones | 492.00 | 468.00 | | 312.00 | 1,27 |
| Bran and shorts | 3,644.75 | 1,065.00 | 731.25 | | 5,44 |
| Eggs | 1,260.00 | 3,448.80 | | | 4,70 |
| Flax straw | 220.00 | 1,579.48 | 783.21 | 225.00 | 2,80 |
| Glue stock | 147.25 | 183.00 | 157.26 | 181.40 | 66 |
| Hides | | | 125.60 | | 12 |
| Horses | 990.00 | 6,020.00 | 410.00 | 11,024.00 | 18,44 |
| Hogs | | | | 20,712.00 | 20,71 |
| Harness | 15.00 | | | | 1 |
| Household goods (free) | 3,705.35 | 3,605.95 | 3,584.65 | 7,567.50 | 18,46 |
| Household goods (dutiable) | 90.18 | 215.50 | 7.75 | 57.00 | 37 |
| Lambs and sheep | 21,240.45 | 52,520.10 | 32,888.75 | 357.00 | 107,00 |
| Lumber | 102.00 | | 117.00 | | 21 |
| Onions | | | 425.00 | | 42 |
| Pease | | | 1,470.90 | 390.00 | 1,86 |
| Potatoes | | 535.20 | | | 53 |
| Pelts, pickled | | | | 411.00 | 41 |
| Rags | | 265.36 | | | 26 |
| Sundries | | 165.18 | 247.70 | 290.00 | 70 |
| Turnips | | 38.25 | 118.80 | | 15 |
| Wool | | | 4,071.80 | | 4,07 |
| Total | 39,977.38 | 113,614.61 | 57,977.56 | 42,224.40 | 253,79 |
| Total for preceding year | 39,073.20 | 144,265.53 | 37,413.62 | 15,710.27 | 236,46 |
| Increase | 904.18 | | 20,563.92 | 26,514.13 | 17,33 |
| Decrease | | 30,650.92 | | | |
| **HALIFAX.** | | | | | |
| Apples | | 5.00 | | | |
| Beans | 572.40 | | | | 57 |
| Berries | 1,021.64 | 21,442.60 | 2,358.50 | | 24,82 |
| Cigars | 314.50 | | | | 31 |
| Cotton | | 967.62 | 311.47 | 467.52 | 1,74 |
| Deer horns | | 77.77 | | | 7 |
| Emigrants' effects | 4,045.00 | 4,580.00 | 2,879.50 | 6,308.00 | 17,81 |
| Fish: | | | | | |
| Canned | 54,320.56 | 16,698.45 | 7,168.03 | 58,263.99 | 136,45 |
| Dry | 21,294.99 | 30,536.90 | 13,533.07 | 18,223.51 | 83,58 |
| Fresh | 1,387.13 | 902.60 | 458.00 | 6,904.17 | 9,65 |
| Oil | 10,095.04 | 14,447.00 | 5,076.57 | | 29,61 |
| Pickled | 107,833.82 | 114,859.64 | 81,965.60 | 8,392.52 | 313,05 |
| Glue | | 117.50 | | 288.50 | 40 |
| Goods returned to United States | 2,214.58 | 4,209.35 | 2,400.50 | 3,689.26 | 12,51 |
| Hake sounds | 495.20 | 1,189.98 | 352.49 | 148.55 | 2,18 |
| Hides and skins | 3,826.00 | 4,066.70 | 3,328.45 | 2,944.50 | 14,16 |
| Horses | 1,559.00 | 182.00 | | 152.50 | 1,89 |
| Junk | 3,475.68 | 2,720.82 | 1,832.75 | 2,414.54 | 10,44 |
| Lumber and laths | 4,281.55 | 4,206.40 | 902.50 | 3,278.62 | 12,66 |
| Miscellaneous | | | 680.15 | 122.25 | 80 |
| Molasses | 1,224.80 | 8,757.66 | | 149.30 | 10,13 |
| Nuts | | | | 1,295.92 | 1,29 |
| Plaster | | 23.50 | | | 2 |
| Potatoes | 1,535.12 | 2,437.38 | 16,590.78 | 5,859.05 | 26,42 |
| Sugar | 321,312.48 | 29,410.14 | 7,768.38 | 5,059.98 | 363,55 |
| Tea | 58.00 | | | | 5 |
| Wood pulp | | 1,491.12 | | | 1,49 |
| Total | 540,867.49 | 263,330.09 | 147,606.74 | 123,962.68 | 1,075,76 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| **HAMILTON.** | | | | | |
| Apples | $6,055.45 | $47,936.40 | $8,035.95 | $860.00 | $62,887.80 |
| Barley | | 12,041.08 | 7,738.60 | | 19,779.68 |
| Bones | 648.00 | 1,408.00 | 168.00 | 1,230.94 | 3,454.94 |
| Bran | 11,455.50 | 10,543.70 | 7,161.50 | 6,092.70 | 35,253.40 |
| Butons | 5,038.35 | 6,138.28 | 2,331.32 | 2,263.68 | 15,763.63 |
| Canned apples and tomatoes | | | | 2,115.00 | 2,115.00 |
| Cocoanut oil | | | 4,863.35 | | 4,863.35 |
| Coffee | 537.30 | | | 648.18 | 1,185.48 |
| Cotton waste | 2,906.71 | 3,949.22 | 942.67 | 1,530.00 | 9,328.60 |
| Eggs | 11,079.16 | 21,458.04 | 10,302.00 | | 42,857.20 |
| Flax | 1,546.00 | | | | 1,546.00 |
| Hides and skins | 21,192.72 | 14,088.61 | 16,236.23 | 11,844.50 | 63,362.06 |
| Hogs | | | 16,160.00 | 61,183.50 | 77,343.50 |
| Horses | 4,985.00 | 4,687.00 | 19,087.00 | 40,421.50 | 69,180.50 |
| Household goods | 32,379.00 | 32,022.50 | 27,093.25 | 37,733.00 | 129,227.75 |
| Lumber | 5,281.33 | 2,269.29 | 676.75 | 2,717.70 | 10,944.97 |
| Machinery | 10,972.09 | 2,728.27 | | 470.00 | 40,170.36 |
| Paper stock | 1,000.00 | 600.00 | 3,178.28 | 1,862.00 | 6,640.28 |
| Precious stones | 27,391.00 | | | | 27,391.00 |
| Rags | | | | 569.35 | 569.35 |
| Saws | 3,049.33 | 2,645.78 | 1,170.74 | 1,584.35 | 8,450.20 |
| Seed | | 476.08 | 10,827.82 | 1,173.95 | 12,477.85 |
| Sheep and lambs | 14,680.00 | 44,332.50 | 29,232.50 | 1,617.00 | 89,862.00 |
| Shingles | 1,421.00 | 717.00 | 204.00 | 1,575.00 | 3,917.00 |
| Tankage | | | 834.08 | 983.00 | 1,817.08 |
| Tea | 1,713.37 | 1,451.58 | 3,843.26 | 2,150.00 | 9,158.21 |
| Tobacco | | | 2,619.94 | | 2,619.94 |
| Turnips | | 1,157.90 | 1,396.30 | | 2,544.20 |
| Wool | 41,865.10 | 46,244.35 | 64,309.14 | 8,784.00 | 161,202.59 |
| Miscellaneous | 2,737.09 | 3,806.50 | 10,076.60 | 12,144.87 | 28,785.06 |
| Total | 207,933.60 | 260,694.08 | 248,389.18 | 201,654.22 | 918,709.18 |
| Total for preceding year | 91,571.07 | 212,057.68 | 150,923.35 | 147,824.96 | 602,377.06 |
| **KINGSTON.** | | | | | |
| Barley | | | | 20,100.60 | 20,100.60 |
| Fish, fresh | 2,848.08 | 2,519.47 | 159.67 | 1,941.41 | 7,468.58 |
| Furs and skins, raw | 9,600.40 | | 20,537.69 | 10,031.04 | 40,169.13 |
| Ginseng | 1,843.25 | 6,100.00 | | | 7,943.25 |
| Hay | 4,282.80 | 5,896.00 | 9,196.50 | 9,906.39 | 29,281.69 |
| Horses | 1,200.00 | 1,042.50 | 1,320.00 | 1,832.50 | 5,395.00 |
| Household goods | 10,867.50 | 11,854.00 | 5,811.00 | 9,646.20 | 38,178.70 |
| Junk, old | 300.00 | | | 560.00 | 860.00 |
| Lambs and sheep | 1,875.00 | 12,591.50 | 1,728.00 | | 16,194.50 |
| Lumber | 20,420.34 | 13,296.52 | | 28,650.18 | 62,367.04 |
| Mica | 1,137.18 | 2,228.83 | 4,530.62 | 1,760.44 | 9,657.07 |
| Miscellaneous | 486.56 | 4,604.00 | 140.00 | 3,620.48 | 8,491.04 |
| Peas | 875.50 | 4,555.60 | 575.28 | 840.00 | 6,846.38 |
| Phosphate | 1,902.00 | | | | 1,902.00 |
| Pulp wood | 100.00 | | | 4,690.00 | 4,790.00 |
| Return goods | 2,230.00 | | 285.00 | 700.00 | 3,215.00 |
| Ties, shingles, and posts | 11,168.99 | 2,495.00 | | 6,326.57 | 19,990.50 |
| Total | | | | | 282,850.48 |
| **MONCTON.*** | | | | | |
| Animals: | | | | | |
| Horses | 357.00 | 140.00 | 732.50 | 903.00 | 2,132.50 |
| Sheep and lambs | 840.00 | | | | 840.00 |
| Clays, terra alba | | 969.13 | | 538.78 | 1,507.91 |
| Cotton waste | | | 379.27 | 383.00 | 762.27 |
| Effects, personal | 5,290.00 | 8,620.00 | 2,996.50 | 6,218.00 | 23,124.50 |
| Fish: | | | | | |
| Canned | 639.50 | | | | 639.50 |
| Fresh and frozen | 357.00 | 17,716.20 | 79,700.14 | 558.61 | 98,331.95 |
| Pickled and salt | 2,879.00 | 1,390.00 | 9.74 | | 4,278.74 |
| Lobsters (canned) | 84,906.56 | 10,496.05 | 911.80 | 38,020.40 | 134,934.81 |
| Sounds | | 529.30 | | | 529.30 |
| Fruit, blueberries (canned) | 3,065.04 | 2,667.36 | 629.08 | | 6,361.48 |
| Furs, raw | | | 2,097.91 | 1,663.55 | 3,761.41 |
| Hair, plastering | | | | 487.50 | 487.50 |
| Metals, manganese | | 107.14 | | | 107.14 |
| Plaster: | | | | | |
| Calcined | 10,169.40 | 4,896.05 | | 8,559.00 | 23,624.45 |
| Rock (gypsum) | 15,071.69 | 7,788.30 | | 11,835.27 | 34,695.26 |
| Rock plaster chips | | 1,293.86 | | | 1,293.86 |
| Land plaster rock | | | | 1,104.00 | 1,104.00 |

* Agencies included: Bathurst, Campobello, Newcastle, Richebucto.

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| MONCTON—Continued. | | | | | |
| Stones: | | | | | |
| Freestone | $4,972.35 | $1,270.00 | ..... | $55.00 | $6,297.35 |
| Grindstones | 1,681.00 | 8,437.74 | ..... | ..... | 10,118.74 |
| Vegetables, potatoes | ..... | 4,581.70 | $4,897.50 | 1,162.65 | 10,641.85 |
| Wood: | | | | | |
| Boards, planks, scantling, etc | 34,937.04 | 17,111.38 | 1,285.80 | 18,764.70 | 72,098.92 |
| Kiln wood | 444.10 | 2,435.00 | ..... | 3,339.50 | 6,218.60 |
| Laths | 5,871.30 | 3,740.05 | ..... | 1,478.50 | 11,089.85 |
| Piling and poles | 1,216.50 | 250.00 | ..... | 3,026.25 | 4,492.75 |
| Pulp wood | 3,212.00 | 4,340.00 | ..... | 7,199.00 | 14,751.00 |
| Railway ties | 7,246.75 | 4,607.54 | 794.00 | 8,180.01 | 20,828.30 |
| Ship knees | 1,155.60 | 4,598.59 | 888.95 | 537.60 | 7,180.74 |
| Shingles (cedar) | 65,964.58 | 56,940.09 | 20,141.25 | 56,623.03 | 199,668.95 |
| Hemlock bark | 5,814.00 | 2,936.00 | 1,148.00 | 973.00 | 10,871.00 |
| Wood pulp | 10,539.23 | 12,489.96 | 16,061.04 | 16,336.21 | 55,426.44 |
| Sundries | 1,524.80 | 90.00 | ..... | ..... | 1,614.80 |
| Total | 268,154.44 | 180,441.44 | 132,673.48 | 188,546.56 | 769,815.92 |
| NAPANEE. | | | | | |
| Apples | 1,350.00 | 2.00 | ..... | ..... | 1,352.00 |
| Ashes | ..... | 96.00 | 132.00 | ..... | 228.00 |
| Barley | ..... | ..... | ..... | 19,147.75 | 19,147.75 |
| Beans | ..... | ..... | 539.30 | ..... | 539.30 |
| Calves | ..... | 8.00 | ..... | ..... | 8.00 |
| Eggs | 9.80 | ..... | ..... | ..... | 9.80 |
| Emigrants' effects | 1,326.50 | 1,890.00 | 2,000.00 | 2,173.00 | 7,389.50 |
| Furs, raw | ..... | ..... | 110.00 | 82.75 | 192.75 |
| Hay | 198.00 | 1,435.95 | 6,275.50 | 7,734.75 | 15,644.20 |
| Hides | 300.00 | ..... | 500.00 | 500.00 | 1,300.00 |
| Horses | 1,660.00 | 87.50 | 100.00 | 3,196.00 | 5,043.50 |
| Lambs | 1,491.75 | 5,857.75 | ..... | 582.20 | 7,931.70 |
| Potash | ..... | 144.00 | 208.00 | ..... | 352.00 |
| Potatoes | ..... | ..... | ..... | 303.00 | 303.00 |
| Sheep | ..... | 24.00 | ..... | ..... | 24.00 |
| Total | 6,336.05 | 9,545.20 | 9,864.80 | 33,719.45 | 59,465.50 |
| ORILLIA. | | | | | |
| Raw furs | 17.37 | 1,088.30 | 3,004.28 | 3,658.07 | 7,762.02 |
| Ginseng | 3,505.00 | 1,853.72 | 34.75 | 198.62 | 5,592.09 |
| Hides | 2,808.00 | ..... | ..... | ..... | 2,800.00 |
| Lumber | 11,060.04 | 32,065.71 | 11,035.28 | 7,451.48 | 62,218.51 |
| Settlers' effects | 784.50 | 723.00 | 1,851.25 | 2,309.75 | 5,668.51 |
| Shingles | 72,333.39 | 49,270.40 | 11,186.75 | 32,285.38 | 165,075.92 |
| Tan bark | 520.95 | ..... | ..... | ..... | 520.95 |
| Telegraph poles | 211.40 | 392.25 | 214.15 | ..... | 817.80 |
| Miscellaneous | ..... | 655.50 | 1,230.00 | ..... | 1,885.50 |
| Total | 91,232.65 | 86,048.88 | 29,156.46 | 45,903.30 | 252,341.29 |
| OTTAWA. | | | | | |
| American goods returned | 1,394.92 | 6,541.69 | 571.37 | 4,420.00 | 12,927.98 |
| Apples | ..... | ..... | ..... | 450.00 | 450.00 |
| Asbestos | 800.00 | ..... | ..... | ..... | 800.00 |
| Bark | 7,895.00 | 9,555.10 | 465.00 | 5,405.00 | 23,320.10 |
| Curtain sticks | 1,680.36 | ..... | ..... | 1,909.72 | 3,590.08 |
| Emigrants' effects | 9,662.50 | 7,810.25 | 11,459.25 | 8,162.70 | 37,094.70 |
| Feldspar | 740.00 | ..... | ..... | 1,700.00 | 2,440.00 |
| Hay | ..... | ..... | 785.93 | 704.59 | 1,490.52 |
| Hides and skins | 500.00 | ..... | 346.42 | 975.00 | 1,821.42 |
| Horses | 1,135.00 | 4,588.00 | 2,909.00 | 2,615.00 | 11,307.00 |
| Iron ore | 5,516.00 | 2,692.00 | 296.00 | ..... | 8,504.00 |
| Jewelers' sweepings | ..... | 200.00 | ..... | ..... | 200.00 |
| Lath | 13,482.96 | 19,531.31 | 2,265.61 | 8,634.61 | 43,914.49 |
| Lumber | 567,214.56 | 579,343.80 | 280,498.22 | 563,362.70 | 1,990,419.28 |
| Lumber, in bond for export | 43,402.61 | 56,195.31 | 19,731.10 | 55,111.52 | 174,440.54 |
| Match blocks | 168.44 | ..... | ..... | ..... | 168.44 |
| Mica | 15,750.32 | 14,700.78 | 17,644.23 | 9,512.59 | 57,607.92 |
| Mineral water | ..... | ..... | ..... | 134.00 | 134.00 |
| Miscellaneous | 120.58 | ..... | 357.00 | 174.00 | 651.58 |
| Pamphlets | ..... | ..... | ..... | 1,010.00 | 1,010.00 |
| Phosphate | 1,600.00 | 6,250.50 | 4,425.00 | 4,170.00 | 16,445.50 |
| Pickets | 4,420.61 | 1,647.62 | 1,840.46 | 1,001.58 | 8,910.27 |
| Poles and ties | ..... | ..... | ..... | 2,041.01 | 2,041.01 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **OTTAWA—continued.** | | | | | |
| Pulpwood | $4,400.00 | $302.50 | | | $4,702.50 |
| Railroad ties | 11,449.80 | 2,235.76 | | | 13,685.56 |
| Shingles | 4,255.19 | 3,729.65 | $1,252.32 | $3,352.95 | 12,590.11 |
| Silver ore | | 309.20 | | | 309.20 |
| Raw furs | | | 3,096.46 | | 3,096.46 |
| Wood | 588.00 | 455.00 | 3,802.00 | 126.00 | 4,971.00 |
| Wood pulp | 32,059.69 | 31,276.71 | 29,795.16 | 30,532.93 | 123,664.49 |
| Total | 728,236.54 | 747,365.18 | 381,600.53 | 705,505.90 | 2,562,708.15 |
| **PALMERSTON.** | | | | | |
| Apples | 14,665.00 | 89,554.00 | 2,564.00 | | 106,783.00 |
| Eggs | 5,536.00 | 4,931.00 | | | 10,467.00 |
| Fresh fish | 13,862.00 | 20,279.00 | 27,760.00 | 22,503.00 | 84,368.00 |
| Hogs | | 965.00 | 1,500.00 | 19,792.00 | 22,347.06 |
| Horses | | 80.00 | 2,568.00 | 5,593.00 | 30,264.00 |
| Lambs | 64,130.00 | 189,505.00 | 15,366.00 | | 269,001.00 |
| Lumber | 13,234.00 | 11,361.00 | 5,376.00 | 9,293.00 | 39,264.00 |
| Miscellaneous | 641.00 | 3,552.00 | 614.00 | 6,465.00 | 11,272.00 |
| Personal and household effects | 1,152.00 | 2,294.00 | 3,423.00 | 8,205.00 | 15,074.00 |
| Telegraph poles | | | | 8,323.00 | 8,223.00 |
| Total | 113,184.00 | 322,521.00 | 59,261.00 | 80,174.00 | 575,140.00 |
| **PICTON.** | | | | | |
| Apples | | 750.37 | 1,692.00 | 2,704.00 | 5,146.37 |
| Barley | | 5,805.90 | | 9,285.58 | 15,091.48 |
| Buckwheat | | 3,503.00 | | 870.66 | 9,373.66 |
| Beans | | 1,419.78 | 959.13 | | 2,378.91 |
| Barrels (empty) | | 50.60 | 52.80 | | 103.40 |
| Belts, basswood | | | | 189.00 | 189.00 |
| Fertilizers: | | | | | |
| Fish | 280.00 | | | 255.00 | 535.00 |
| Ashes | 1,400.00 | | | | 1,400.00 |
| Horses | | | 1,137.50 | 4,610.00 | 5,747.50 |
| Household effects | 1,187.00 | 729.50 | 872.00 | 1,425.00 | 4,213.50 |
| Lambs | | 1,260.75 | | | 1,260.75 |
| Machinery | 200.00 | | 165.00 | | 365.00 |
| Mats, Indian rush | 5.00 | | | | 5.00 |
| Peas | 16,581.14 | 68,360.94 | 11,990.79 | 6,396.40 | 103,829.27 |
| Poles, hop | | | | 36.00 | 36.00 |
| Raspberries | 705.52 | | | | 705.52 |
| Straw | | 200.00 | | 200.00 | 400.00 |
| Total | 20,358.66 | 87,580.84 | 16,869.22 | 25,971.64 | 150,780.36 |
| **PICTOU.** | | | | | |
| Alewives | 121.00 | | | | 121.00 |
| Building stone | 3,548.50 | 3,095.25 | | 675.75 | 7,219.52 |
| Codfish: | | | | | |
| Dry | 120.00 | 6,754.56 | 693.40 | | 7,567.96 |
| Iced and fresh | | 399.36 | 162.50 | | 561.86 |
| Coal: | | | | | |
| Culm | 2,213.75 | 397.75 | | | 2,611.50 |
| Coarse | | 3,785.00 | 3,366.50 | 6,647.60 | 13,799.10 |
| Casks, empty | | 43.50 | | | 43.50 |
| Carpenters' tools | 21.00 | | | | 21.00 |
| Eels, frozen | | 155.00 | | | 155.00 |
| Eggs | 47.00 | 117.60 | | | 164.60 |
| Furs | 27.50 | | 90.00 | | 117.50 |
| Grindstones | | 2,403.50 | | | 2,403.50 |
| Geese | | | | 4.50 | 4.50 |
| Gypsum | 9,477.00 | 3,275.00 | | 3,265.60 | 16,017.60 |
| Haddock: | | | | | |
| Fresh | | 52.40 | | | 52.40 |
| Salt | | 408.10 | | | 408.10 |
| Hair, plastering | | | | 485.50 | 485.50 |
| Horses | 355.50 | 356.00 | 2,422.50 | 806.00 | 3,930.00 |
| Household effects | 4,349.82 | 1,021.50 | 388.00 | 980.00 | 6,739.32 |
| Herring: | | | | | |
| Pickled | 1,773.50 | 4,521.28 | | | 6,294.78 |
| Frozen | | 365.66 | | | 365.66 |
| Halibut, fresh | 308.00 | 433.28 | | 1,122.92 | 1,864.20 |
| Hides and skins | 301.00 | 506.50 | 366.50 | 537.50 | 537.50 |
| Junk | 24.18 | | | | 24.18 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| PICTOU—continued. | | | | | |
| Knees, juniper | $709.00 | | | $1,202.50 | $1,911.50 |
| Lobster, canned | 34,424.78 | | | 80,582.05 | 115,006.83 |
| Lambs | 4,494.00 | $7,449.00 | $86.00 | 86.00 | 12,115.00 |
| Mackerel: | | | | | |
| Pickled | 25,484.98 | 47,574.75 | 201.15 | 2,255.00 | 76,515.88 |
| Fresh and frozen | 9.60 | 12,502.01 | 600.00 | 831.10 | 13,342.72 |
| Ore: | | | | | |
| Manganese | 258.50 | 207.30 | | | 465.80 |
| Copper | | | 49.00 | | 49.00 |
| Oysters | | 112.50 | | | 112.50 |
| Oil, codfish | 2,758.50 | 420.16 | 12.00 | | 3,190.66 |
| Potatoes | | 301.59 | | 940.00 | 1,241.59 |
| Pollock, dry | 362.50 | | | | 362.50 |
| Plaster, rock | | 605.00 | | 1,392.50 | 1,755.00 |
| Railway ties | 1,340.00 | | | 966.00 | 2,306.00 |
| Sheep | | 6.00 | 135.00 | 135.00 | 286.00 |
| Sewing machines | 16.00 | | | | 16.00 |
| Salmon, fresh | 1,508.61 | 1,918.98 | 246.58 | 1,614.10 | 5,288.27 |
| Sounds, hake | 370.00 | 882.77 | 42.00 | | 494.77 |
| Smelts, frozen | | | 104.00 | | 104.00 |
| Turnips | | | | 30.00 | 30.00 |
| Wearing apparel | | 82.00 | | | 85.00 |
| Wood, cord | 60.00 | | | | 60.00 |
| Total | 94,484.22 | 100,153.30 | 8,965.13 | 105,581.52 | 309,184.17 |
| PORT HOPE. | | | | | |
| Apples | 907.00 | 5,143.00 | 5,804.00 | | 11,854.00 |
| Alsike clover seed | | | 9,226.17 | | 9,226.17 |
| Barley | 6,058.15 | 58,998.00 | 19,368.35 | 15,876.21 | 100,300.71 |
| Basswood | 1,680.00 | 455.78 | | 1,056.00 | 3,291.78 |
| Beans | 2,112.12 | | 2,085.65 | | 4,197.77 |
| Bran | 2,273.94 | 723.05 | | 416.26 | 3,413.25 |
| Cherry lumber | 784.56 | | | | 784.56 |
| Eggs | 8,067.40 | 7,344.00 | | | 15,411.40 |
| Emigrants' effects | 5,818.80 | 7,760.35 | 6,566.50 | 6,585.00 | 26,730.65 |
| Hay | | | 374.00 | 864.00 | 1,228.00 |
| Hides | 5,750.00 | 3,050.00 | 6,100.00 | 8,300.00 | 23,200.00 |
| Horses | 6,908.50 | 952.00 | 6,647.50 | 3,619.50 | 18,127.50 |
| Hogs | | | 1,884.00 | | 1,884.00 |
| Lambs and sheep | 8,990.65 | 12,661.80 | 2,767.00 | | 24,419.45 |
| Lath | | 700.00 | | 192.00 | 892.00 |
| Lumber | 80,389.43 | 57,242.54 | 1,488.21 | 83,716.22 | 222,836.01 |
| Peas | 11,728.75 | 57,779.21 | 62,209.22 | 6,715.01 | 138,432.19 |
| Potatoes | | 431.68 | | | 431.68 |
| Shingles | 9,199.05 | 5,157.68 | 236.06 | 5,556.56 | 20,149.35 |
| Wool | 5,865.25 | | | | 5,865.25 |
| Miscellaneous | 1,764.82 | 628.50 | 1,731.00 | 674.76 | 4,781.08 |
| Total | 158,280.42 | 219,027.19 | 126,487.66 | 133,561.52 | 637,356.79 |
| PORT SARNIA. | | | | | |
| Apples | 131.00 | 9,802.00 | 320.00 | | 10,253.00 |
| Bones | 120.00 | 120.00 | 50.00 | 140.00 | 436.00 |
| Bran | 528.00 | 126.00 | | | 648.00 |
| Barley | | 250.00 | 2,000.00 | | 2,250.00 |
| Clover seed | | | 2,065.00 | | 2,065.00 |
| Cedar ties | 1,680.00 | 4,274.00 | | 2,418.00 | 8,372.00 |
| Cast-iron plates | | 545.00 | | | 545.00 |
| Engine oil | 1,418.00 | 350.00 | | | 1,768.00 |
| Elm staves | 15,993.00 | 6,364.00 | 741.00 | 6,142.00 | 29,240.00 |
| Flax | | | 2,570.00 | 3,181.00 | 5,751.00 |
| Household goods | 4,250.00 | 6,925.00 | 3,460.00 | 4,715.00 | 19,350.00 |
| Hides | | 185.00 | 6,495.00 | 4,625.00 | 11,305.00 |
| Horses | 47,323.00 | 18,945.00 | 14,600.00 | 11,707.00 | 92,575.00 |
| Lumber | | 420.00 | 237.00 | 3,349.00 | 4,011.00 |
| Paper stock | 625.00 | 293.00 | 92.00 | | 1,010.00 |
| Potash | | | 67.00 | | 67.00 |
| Parafine | | | | 801.00 | 801.00 |
| Sheep and lambs | 7,732.00 | 3,973.00 | 1,075.00 | | 12,780.00 |
| Steel rails | | | 150.00 | | 150.00 |
| Wheat | 26,028.00 | 68,675.00 | | | 94,703.00 |
| Total | 105,828.00 | 122,247.00 | 33,922.00 | 37,078.00 | 299,075.00 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **PORT STANLEY AND ST. THOMAS.** | | | | | |
| Apples | | $13,454.00 | | | $13,454.00 |
| Beans | $6,804.00 | 10,988.00 | $8,049.00 | $1,426.00 | 27,267.00 |
| Bran | | 6,107.00 | 4,445.00 | 3,375.00 | 13,927.00 |
| Flax | 2,744.00 | 2,054.00 | 4,176.00 | 2,489.00 | 11,413.00 | |
| Hides | | | | 6,900.00 | 6,900.00 |
| Hogs | | | | 9,334.00 | 9,334.00 |
| Horses | 1,080.00 | 383.00 | 3,365.00 | 4,010.00 | 8,838.00 |
| Lambs and sheep | 25,891.00 | 114,891.00 | 16,308.00 | | 157,090.00 |
| Lumber | 4,246.00 | 2,579.00 | 1,467.00 | 3,725.00 | 12,017.00 |
| Oil | 2,536.00 | 1,126.00 | 855.00 | 128.00 | 4,645.00 |
| Personal effects | 6,040.00 | 7,122.00 | 5,481.00 | 7,404.00 | 26,047.00 |
| Staves, headings, and bolts | 53,101.00 | 36,943.00 | 21,057.00 | 45,079.00 | 156,180.00 |
| Tar | | 755.00 | | 358.00 | 1,113.00 |
| Wool | 1,951.00 | | | | 1,951.00 |
| Sundries | 3,123.00 | 2,394.00 | 2,215.00 | 2,248.00 | 10,180.0 |
| **Total** | 107,516.00 | 198,796.00 | 67,418.00 | 86,626.00 | 460,356.00 |
| **PRESCOTT.** | | | | | |
| Plows | | | | | 425.00 |
| Eggs | | | | | 3,848.77 |
| Curios | | | | | 459.88 |
| Furs, skins, hides | | | | | 8,815.41 |
| Grain | | | | | 2,297.40 |
| Horses | | | | | 17,711.50 |
| Household effects | | | | | 4,625.33 |
| Lumber, shingles, etc | | | | | 44,021.08 |
| Meat and poultry | | | | | 108.00 |
| Miscellaneous | | | | | 830.00 |
| Fulminate of mercury | | | | | 35,551.81 |
| Products of mine | | | | | 466,544.40 |
| Furs | | | | | 157.17 |
| Sheep and lambs | | | | | 40,393.00 |
| Timber, logs, etc | | | | | 853.00 |
| Potatoes | | | | | 1,272.50 |
| Hay | | | | | 1,021.05 |
| **Total** | | | | | 628,935.30 |
| **QUEBEC.** | | | | | |
| Animals | 38,370.00 | 5,328.00 | | 3,360.00 | 47,058.00 |
| Fruit | 17,273.98 | | | | 17,273.98 |
| Fish products and provisions | 3,591.16 | 14,054.64 | | 8,329.70 | 26,335.50 |
| Household goods | 10,527.15 | 7,685.60 | 7,901.00 | 12,511.00 | 38,624.75 |
| Lumber | 98,039.37 | 68,344.15 | 40,248.88 | 47,119.96 | 253,752.36 |
| Miscellaneous | 9,644.84 | 10,278.23 | 6,627.98 | 10,759.93 | 37,310.53 |
| Maple sugar | 52,027.93 | 35,844.51 | | 21,749.87 | 109,622.31 |
| Merchandise under seal | 102,607.29 | | | | 102,607.29 |
| Plastering hair | | | 6,448.86 | | 6,448.86 |
| Furs | | | | 7,525.64 | 7,525.64 |
| **Total** | 332,441.22 | 141,535.18 | 61,226.02 | 111,356.10 | 646,558.52 |
| **ST. HYACINTH.** | | | | | |
| Acid | | 4.00 | | | 4.00 |
| Apples | | 321.50 | | | 321.50 |
| Bark | 18,994.00 | 15,084.00 | 13,352.00 | 14,666.00 | 62,096.00 |
| Books | 250.00 | | | | 250.00 |
| Butter | | 10.00 | | | 10.00 |
| Calfskins | | | | 52.82 | 52.82 |
| Cedar posts | 57.00 | | 100.20 | | 157.20 |
| Clocks | 3.00 | | | | 3.00 |
| Cordwood | 64.00 | 192.00 | | | 256.00 |
| Eggs | 31.85 | | 14,630.40 | | 14,662.25 |
| Fowls | | 62.00 | | | 62.00 |
| Goatskins | 40.00 | 1,971.08 | | | 2,011.08 |
| Hair | | 428.88 | | 360.41 | 789.29 |
| Harness (old) | | 15.00 | 8.00 | | 23.00 |
| Hay | 30,691.25 | 20,170.50 | 10,650.25 | 41,431.00 | 102,943.00 |
| Hoop timber | | | 258.00 | | 248.00 |
| Honey | 122.30 | | | | 122.50 |
| Horses | 12,617.50 | 3,034.00 | 3,888.00 | 16,063.00 | 35,602.50 |
| Hydraulic motors | 200.00 | | | | 200.00 |
| Jute bags | | 2.00 | | | 2.00 |
| Knitting machine | | | | 178.60 | 178.60 |
| Lambs | 5,553.00 | 1,890.00 | | 720.00 | 8,163.00 |
| Leather | | | | 3,479.74 | 2,479.74 |
| Lumber | 13,256.93 | 16,540.66 | 9,142.51 | 15,141.77 | 54,063.87 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ST. HYACINTH—continued. | | | | | |
| Maple sugar | | $12.50 | | $53.16 | $65.66 |
| Pease | | 78.79 | | | 78.79 |
| Plaster statue | $25.00 | | | | 25.00 |
| Preserves | | 2.00 | | | 2.00 |
| Personal effects | 2,765.00 | 5,184.00 | $4,770.00 | 7,980.00 | 20,699.00 |
| Pickets | | 50.00 | | | 50.00 |
| Salt pork | | 9.60 | | | 9.60 |
| Sheep | 1,376.50 | 600.00 | | | 1,976.50 |
| Seal oil | 15.17 | | | | 15.17 |
| Sleighs (old) | | | 45.00 | | 45.00 |
| Straw | 452.00 | 192.00 | 78.00 | 141.00 | 863.00 |
| Shingles | | 269.20 | | | 269.20 |
| Ties (railroad) | 442.75 | | | | 442.75 |
| Wool | | 465.63 | | | 465.63 |
| Wagon (old) | | | 15.00 | | 15.00 |
| Total | | | | | 309,743.65 |
| ST. JOHN, NEW BRUNSWICK. | | | | | |
| Animals: | | | | | |
| Horses | 6,004.00 | 3,108.35 | 1,417.90 | 1,773.50 | 12,303.75 |
| Lambs | 3,518.35 | 10,468.60 | 1,773.50 | | 15,760.45 |
| Fish: | | | | | |
| Dry | 1,396.15 | 6,480.50 | | 2,260.10 | 10,136.75 |
| Fresh | 478.17 | | | 2,030.93 | 2,509.10 |
| Pickled | 37,866.95 | 3,238.00 | 978.50 | | 42,083.45 |
| Smoked | 10,324.97 | 6,228.48 | 10,966.80 | 10,307.31 | 37,827.56 |
| Lobsters, canned | 1,735.00 | 1,457.50 | 623.75 | | 3,816.25 |
| Oil | 2,579.45 | 3,997.10 | 550.25 | | 7,126.80 |
| Sounds | | 2,506.45 | | | 2,506.45 |
| Fruit: | | | | | |
| Blackberries, canned | 658.90 | 168.94 | | | 827.84 |
| Cranberries | 200.00 | 182.50 | | | 382.50 |
| Furs, raw | | 204.50 | | 1,834.31 | 2,038.81 |
| Hides and skins | 298.50 | | | 672.50 | 971.00 |
| Minerals: | | | | | |
| Granite | 1,794.20 | 2,388.65 | 214.40 | 583.00 | 4,980.25 |
| Lime | 24,660.93 | 19,735.17 | 8,534.90 | 18,165.52 | 71,096.52 |
| Manganese | 112.50 | | | | 112.50 |
| Plumbago | | | | 405.00 | 405.00 |
| Old junk | 860.75 | 833.66 | 1,604.47 | 357.85 | 3,656.73 |
| Salt | 5,732.20 | 1,970.25 | | 1,677.50 | 9,379.95 |
| Starch | 12,050.00 | | | | 12,050.00 |
| Vegetables, potatoes | | 967.96 | 8,672.30 | 7,736.25 | 17,376.51 |
| Waste, cotton | 481.54 | 540.22 | | 647.71 | 1,669.47 |
| Wood: | | | | | |
| Long lumber | 53,247.85 | 40,529.95 | 15,830.75 | 54,538.21 | 164,143.76 |
| Short lumber | 128,218.79 | 79,650.70 | 26,757.92 | 77,872.67 | 312,500.08 |
| Piling | 5,188.80 | 16,223.61 | 4,254.50 | 15,698.80 | 41,365.71 |
| Firewood | 21,940.00 | 17,411.00 | 1,559.75 | 18,266.10 | 59,176.85 |
| Ships knees | 182.00 | 419.50 | 647.50 | 364.00 | 1,613.00 |
| Railroad ties | 722.50 | | | 2,843.42 | 3,565.92 |
| Hemlock bark | 2,062.00 | 2,186.00 | 2,304.00 | 3,995.00 | 10,547.00 |
| Last blocks | | | | 543.60 | 543.60 |
| Sundries | 3,994.80 | 3,097.48 | 545.10 | 1,572.70 | 9,210.08 |
| Total | 326,309.30 | 223,992.07 | 87,236.29 | 224,145.98 | 861,683.64 |
| Total for preceding year | | | | | 921,898.22 |
| Decrease | | | | | 60,214.58 |
| ST. STEPHEN. | | | | | |
| Animals: | | | | | |
| Horses | 1,332.00 | 1,002.50 | 276.00 | 1,197.50 | 3,808.00 |
| Lambs | 1,396.67 | 3,051.53 | | | 4,448.20 |
| Sheep | 118.65 | 109.00 | | | 227.65 |
| Bark, hemlock | 4,930.00 | 350.00 | 980.00 | 5,555.00 | 11,815.00 |
| Coal | 3,140.00 | 5,710.00 | 7,850.00 | 1,710.00 | 18,410.00 |
| Cotton waste | 1,286.50 | 2,522.00 | | | 3,808.50 |
| Emigrant effects | 1,589.50 | 3,741.15 | 459.50 | 9,256.30 | 15,046.45 |
| Fish: | | | | | |
| Dry | 487.40 | 789.00 | 1,009.30 | 648.00 | 2,933.90 |
| All others | 233.50 | 952.00 | 284.00 | 222.00 | 1,691.50 |
| Furs, hides and skins | 184.00 | | 746.00 | 821.57 | 1,751.57 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| ST. STEPHEN—continued. | | | | | |
| Granite: | | | | | |
| Dressed | | | | $95.00 | $95.00 |
| Undressed | | | | 743.50 | 743.50 |
| Lumber: | | | | | |
| Laths | $1,631.50 | $1,565.50 | $1,828.50 | 4,643.50 | 9,669.00 |
| Long | 4,710.00 | 3,307.50 | | 3,652.50 | 11,670.00 |
| Shingles | 5,400.00 | 4,455.00 | 1,517.50 | 1,316.50 | 12,692.00 |
| Miscellaneous | 3,829.08 | 3,721.50 | 4,035.50 | 2,093.00 | 13,679.08 |
| Molasses | 15,366.50 | 641.50 | | 439.30 | 16,447.30 |
| Potatoes | | 1,170.90 | 497.50 | | 1,668.40 |
| Ship knees | 2,252.50 | | | | 2,252.50 |
| Ties | 353.85 | | | | 353.85 |
| Turnips | 605.00 | 9,318.29 | 7,020.55 | 2,912.75 | 19,906.59 |
| United States returned goods | | 1,110.50 | 182.00 | 1,247.50 | 2,540.00 |
| Wood: | | | | | |
| Stove | 484.00 | 561.00 | 61.00 | | 1,106.00 |
| Kiln | 478.50 | 478.50 | | 579.50 | 1,536.50 |
| All others | 208.00 | 2,479.50 | 4,706.50 | | 6,394.00 |
| Wool | 5,401.50 | 4,382.00 | 5,628.00 | 3,893.50 | 19,305.00 |
| Total | 55,468.65 | 50,419.87 | 37,082.05 | 41,029.92 | 184,000.49 |
| SHERBROOKE. | | | | | |
| | | | | | 5 |
| American goods returned | 3,959.20 | 1,235.15 | 1,908.80 | 245.00 | 7,347.64 |
| Animals | 39,311.59 | 58,517.25 | 1,057.50 | 1,051.00 | 99,937.32 |
| Bark, hemlock | 780.00 | 600.00 | 415.00 | | 1,795.40 |
| Effects, personal | 5,626.50 | 7,085.00 | 3,490.00 | 4,180.00 | 20,381.50 |
| Lumber, manufactured | 107,613.08 | 83,663.68 | 73,862.43 | 61,438.10 | 326,577.29 |
| Lumber, unmanufactured | 4,094.50 | 5,228.85 | 44,844.50 | 10,376.53 | 64,542.38 |
| Miscellaneous | 2,911.96 | 1,068.86 | 2,082.32 | 161.95 | 6,225.09 |
| Produce and provisions | 4,815.43 | 3,390.11 | 421.49 | 8,850.85 | 17,477.88 |
| Product of mines | 82,798.30 | 114,126.29 | 65,025.46 | 26,427.60 | 288,377.65 |
| Pulp, chemical | 3,000.00 | 6,750.00 | 750.00 | 1,451.17 | 11,951.17 |
| Total | 254,910.56 | 281,663.19 | 193,857.00 | 114,182.20 | 844,612.95 |
| SOREL. | | | | | |
| Lumber | 33,317.92 | 20,040.83 | | 26,673.32 | 80,032.07 |
| Hay | 1,524.00 | 1,931.00 | 3,355.25 | 13,642.00 | 10,452.25 |
| Emigrants | 1,049.00 | 110.00 | 1,052.50 | 33,600.00 | 5,771.50 |
| Horses | 280.00 | 60.00 | 290.00 | 405.00 | 1,035.00 |
| Returns | | | | 50.00 | 50.00 |
| Breeding animals | | | | 150.00 | 150.00 |
| Hides | | | | 41.88 | 41.88 |
| Dry cattle hair | 275.00 | | | | 275.00 |
| Herbs | 426.50 | 468.00 | | | 894.50 |
| Peas | | | 16.00 | | 16.00 |
| Total | | | | | 98,518.20 |
| STANBRIDGE. | | | | | |
| Animals | | | | 500.00 | 500.00 |
| Apples | | 121.00 | | | 121.00 |
| Bark (hemlock) | | | 1,360.00 | | 1,360.00 |
| Beef hides | 2,005.00 | | 1,250.00 | 1,345.00 | 4,600.00 |
| Calf | 5.00 | | | | 5.00 |
| Cigar-holders | | 39.76 | | | 39.76 |
| Dairy skins | | | 200.00 | 2,885.00 | 3,085.00 |
| Fish, fresh | | | 475.00 | 1,825.00 | 2,300.00 |
| Flax | 23.00 | 44.00 | | | 67.00 |
| Geese | 546.00 | 1,822.20 | | | 2,368.20 |
| Hair, tanner's | | | | 238.50 | 238.50 |
| Hair pins | | 31.88 | | | 31.88 |
| Hay | 31,748.43 | 6,623.50 | 11,147.60 | 27,965.00 | 77,484.53 |
| Hogs | 313.00 | | | | 313.00 |
| Horses | 6,157.70 | 2,992.00 | 6,165.00 | 10,100.50 | 25,415.20 |
| Logs | 345.00 | 900.00 | 13,811.65 | 40,000.00 | 55,056.65 |
| Lumber | 610.20 | 444.00 | | 376.00 | 1,430.20 |
| Masses of bone | | 8.00 | | | 8.00 |
| Paper stock | | | 40.00 | | 40.00 |
| Personal effects | 1,460.00 | 2,570.50 | 3,608.00 | 4,647.00 | 12,285.50 |
| Products, American, returned | | 95.00 | 336.00 | | 431.00 |
| Purses | | 145.00 | | | 145.52 |
| Poles, cedar | | | 133.00 | 72.00 | 205.00 |
| Rosaries | | 142.05 | | | 142.05 |
| Sheep and lambs | 22,085.50 | 21,435.30 | | | 43,520.80 |
| Shingle | 175.00 | | | 241.50 | 416.50 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| STANBRIDGE—continued. | | | | | |
| Straw | $13.50 | $130.00 | $71.14 | $60.50 | $275.14 |
| Ties, railroad | 12,589.80 | 1,716.00 | ..... | 10,489.12 | 24,794.92 |
| Turkeys, dressed | ..... | 121.60 | ..... | ..... | 121.60 |
| Wagons | 8.00 | ..... | ..... | ..... | 8.00 |
| Wood | 16.00 | 12.00 | ..... | 6.00 | 34.00 |
| Total | 78,101.13 | 39,394.31 | 38,597.39 | 100,751.12 | 256,843.95 |
| STRATFORD. | | | | | |
| Apples | 1,436.25 | 17,889.34 | 215.00 | ..... | 19,540.59 |
| Barley | 2,066.00 | 1,075.00 | 3,373.25 | 800.00 | 7,314.25 |
| Bran | 2,850.30 | 2,480.90 | 788.00 | 1,474.20 | 7,593.40 |
| Bolting cloth | ..... | ..... | 581.43 | ..... | 581.40 |
| Cooper's stock | 288.00 | ..... | ..... | ..... | 288.00 |
| Cheese | ..... | 114.00 | ..... | ..... | 114.00 |
| Eggs | 7,807.20 | 7,350.00 | ..... | ..... | 15,157.20 |
| Emigrant's effects | 11,486.80 | 5,365.00 | 5,922.00 | 6,156.50 | 28,930.30 |
| Flax and tow | 52,225.66 | 39,875.25 | 77,691.10 | 57,592.50 | 227,384.51 |
| Gentian root | 207.00 | ..... | ..... | ..... | 207.00 |
| Horses | 1,620.00 | 4,193.00 | 19,556.50 | 21,954.00 | 47,323.50 |
| Hay | ..... | 150.00 | ..... | 480.00 | 630.00 |
| Hogs | ..... | ..... | ..... | 15,159.25 | 15,159.25 |
| Linseed oil cake | 25,845.88 | 21,726.55 | 11,971.10 | 25,958.21 | 85,001.74 |
| Lumber | 33,507.00 | 575.00 | 16,687.00 | 841.16 | 51,610.16 |
| Lambs | 1,003.00 | 82,772.35 | ..... | 630.00 | 84,405.35 |
| Miscellaneous | ..... | ..... | ..... | 18.00 | 18.00 |
| Paper stock | 328.14 | ..... | ..... | ..... | 328.14 |
| Poultry | ..... | 343.50 | ..... | ..... | 343.50 |
| Peas | ..... | ..... | 408.00 | ..... | 408.00 |
| Wood | ..... | ..... | 134.20 | ..... | 134.20 |
| Total | 140,171.23 | 183,909.89 | 137,827.58 | 131,063.82 | 592,472.52 |
| THREE RIVERS. | | | | | |
| Bogs ore | ..... | 77.00 | ..... | ..... | 77.00 |
| Cedar post | 322.70 | ..... | ..... | ..... | 322.70 |
| Hay | 1,062.50 | 6,702.75 | 7,705.01 | 13,842.71 | 29,312.97 |
| Laths | ..... | ..... | ..... | 95.62 | 95.62 |
| Lumber | 123,688.49 | 96,915.43 | 280.06 | 39,102.70 | 259,986.68 |
| Mineral water | ..... | 8.50 | ..... | ..... | 8.50 |
| Oxide of iron | 725.97 | 1,645.28 | 676.48 | ..... | 3,047.73 |
| Personal effects | 1,930.00 | 4,050.00 | 3,120.00 | 1,525.00 | 10,625.00 |
| Pulp, wood | 45,669.72 | 18,613.63 | ..... | 35,392.08 | 99,675.43 |
| Raw furs (in bond) | ..... | ..... | 562.34 | ..... | 562.34 |
| Straw | ..... | 27.00 | ..... | ..... | 27.00 |
| Telegraph poles | 315.20 | 238.70 | ..... | ..... | 553.90 |
| Wood pulp | 24,296.02 | 25,350.70 | 29,848.06 | 27,949.32 | 107,444.10 |
| Total | 198,010.60 | 153,628.99 | 42,191.95 | 117,907.43 | 511,738.97 |
| TORONTO. | | | | | |
| Ammonia and chemical products | 4,220.18 | ..... | 2,421.84 | 7,395.87 | 14,037.89 |
| Barley | 936.00 | 316,055.20 | 127,629.93 | 34,490.96 | 479,112.09 |
| Bones and fertilizers | 6,224.53 | 6,279.13 | 5,559.06 | 4,186.40 | 22,249.12 |
| Books | ..... | ..... | 2,358.50 | 1,948.80 | 4,307.30 |
| Breeding animals | 13,781.00 | 10,179.50 | 11,633.00 | 5,262.00 | 40,855.50 |
| Bran | 2,544.00 | ..... | ..... | 2,320.03 | 4,864.03 |
| Bricks | ..... | 1,939.80 | ..... | ..... | 1,939.80 |
| Diamonds | ..... | ..... | 29,167.28 | ..... | 29,167.28 |
| Dry goods | ..... | ..... | 2,122.88 | ..... | 2,122.88 |
| Fruits | 17,851.40 | 80,130.70 | 51,209.64 | 8,139.00 | 157,330.74 |
| Furs, raw | ..... | ..... | 6,934.63 | 2,264.23 | 9,198.86 |
| Hair | 2,437.32 | ..... | ..... | ..... | 2,437.32 |
| Hides and pelts | 10,092.49 | 12,197.30 | 17,047.53 | 12,178.33 | 51,515.65 |
| Hogs | ..... | ..... | ..... | 7,182.00 | 7,182.00 |
| Horses | 35,993.50 | 21,303.00 | 15,698.50 | 75,967.00 | 148,957.00 |
| Jeweler's sweeps | ..... | 2,266.00 | 3,711.40 | ..... | 5,977.40 |
| Lambs and sheep | ..... | 6,504.60 | 2,865.00 | ..... | 9,369.60 |
| Lumber | 88,559.75 | 89,122.61 | 11,311.00 | 53,125.43 | 242,117.79 |
| Machinery | 4,371.63 | 6,437.85 | ..... | 6,571.06 | 17,380.54 |
| Paper stock | ..... | ..... | 6,499.80 | 2,231.46 | 8,731.26 |
| Personal effects | 102,643.00 | 88,227.60 | 60,835.00 | 113,785.00 | 365,490.00 |
| Pitch | ..... | 3,275.49 | ..... | ..... | 3,275.49 |
| Seeds | 7,511.15 | 29,658.27 | 75,466.24 | 15,237.25 | 127,872.91 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| TORONTO—continued. | | | | | |
| Sheep | $5,018.00 | | | | $5,018.00 |
| Shingles | 4,686.08 | | $5,660.50 | | 10,346.58 |
| Tea | | $19,735.11 | 4,292.80 | $2,747.28 | 26,775.19 |
| Wheat | 12,889.54 | | | | 12,889.54 |
| Wool | 23,156.86 | 12,921.59 | | | 36,078.45 |
| Miscellaneous | 8,793.94 | 13,671.51 | 7,745.74 | 9,165.80 | 39,376.99 |
| Total | 351,709.37 | 719,904.66 | 450,165.27 | 364,197.90 | 1,885,977.20 |
| TRENTON. | | | | | |
| Apples | 2,841.00 | 8,153.50 | 2,147.50 | 745.00 | 13,937.00 |
| Apples, evaporated | | | 2,500.00 | | 2,500.00 |
| Bags | 22.88 | | | | 22.88 |
| Barley | | 2,499.90 | 2,732.40 | 756.00 | 5,988.30 |
| Basswood (cords) | 1,506.00 | | | 1,860.00 | 3,366.00 |
| Barrel heading | 700.00 | | | | 700.00 |
| Beans | 1,078.53 | | | | 1,078.53 |
| Cedar posts | 567.00 | 62.75 | | 1,393.00 | 2,022.75 |
| Cedar ties | | 330.00 | | 78.57 | 408.57 |
| Coal-oil barrels | | 85.50 | | | 85.50 |
| Curtain roller sticks | 939.00 | 363.79 | | 150.00 | 1,452.79 |
| Egg cases | | | 306.00 | | 306.00 |
| Egg fillers | | | 33.99 | | 33.99 |
| Emigrants' effects | 3,175.00 | 2,365.00 | 2,314.00 | 2,590.00 | 10,444.00 |
| Hardwood | | 99.00 | | | 99.00 |
| Hides | 1,000.00 | 800.00 | | 8,000.00 | 9,800.00 |
| Hop poles | | | | 150.00 | 150.00 |
| Horses | | 125.00 | | 379.50 | 504.50 |
| Lath | 4,709.40 | 1,030.47 | | 779.50 | 6,519.37 |
| Lambs | 4,340.00 | 615.00 | | | 4,955.00 |
| Lumber: | | | | | |
| Sawn white pine | 93,459.00 | 104,632.13 | | 133,617.93 | 331,709.06 |
| Birch | 21.00 | | 258.44 | | 279.44 |
| Mixed | 300.00 | | | | 300.00 |
| Norway pine | | 257.98 | | | 257.98 |
| Red pine | | 649.10 | | 240.00 | 889.10 |
| Tamarack | | 85.50 | | | 85.50 |
| Basswood | | | 1,075.50 | 1,868.40 | 2,973.90 |
| Black ash | | | 368.02 | 3,256.00 | 3,624.02 |
| Maple | | | 193.00 | | 193.00 |
| Plank: | | | | | |
| Maple | | 24.00 | | | 24.00 |
| Pine | | 24.47 | | | 24.47 |
| Shingles: | | | | | |
| Pine | 6,561.55 | 3,783.80 | | 4,497.50 | 14,792.85 |
| Cedar | | | | 184.00 | 184.00 |
| Sprucewood | 473.00 | | | 2,252.00 | 2,725.00 |
| Slabboards | | 10.00 | | | 10.00 |
| Ties | 82.00 | | | | 82.00 |
| Timber: | | | | | |
| White pine | 4,114.30 | 535.69 | | 604.40 | 5,254.39 |
| Hemlock | | 219.05 | | | 219.05 |
| Telegraph poles | | | | 149.25 | 149.25 |
| Total | 125,889.66 | 126,701.63 | 11,928.85 | 163,631.05 | 428,151.19 |
| VICTORIA. | | | | | |
| Animals | | | | 2,377.50 | 2,377.50 |
| Barley | | | 2,002.50 | | 2,002.50 |
| Bones | | | 496.50 | 53.49 | 549.99 |
| Books | | | | 210.00 | 210.00 |
| Canned salmon | | | 1,352.50 | | 1,352.50 |
| Cigars | | | 358.25 | | 358.25 |
| Coal | 445,563.25 | 545,438.00 | 549,885.25 | 633,579.15 | 2,184,465.65 |
| Cocoanut extract | | 595.50 | | | 595.50 |
| Dry goods | 455.87 | 55.70 | | 1,173.48 | 1,685.05 |
| Fire-arms | | | 417.00 | | 417.00 |
| Fish | | 55.00 | | 2,402.50 | 2,457.50 |
| Fish-oil | | | 478.90 | | 478.90 |
| Furs, hides, and skins | 40,172.00 | 28,581.07 | 31,297.27 | 38,258.65 | 138,308.99 |
| Gold dust, nuggets, etc | 113,461.41 | 90,976.65 | 40,707.16 | 55,536.07 | 300,681.29 |
| Indian curios | 1,484.95 | | 274.10 | | 1,759.05 |
| Iron, manufactures of | 4,652.37 | | | 616.52 | 5,268.89 |
| Junk | 886.50 | 83.50 | | | 970.00 |
| Jewelers' sweepings | | | 252.50 | 191.00 | 443.50 |
| Liquors | 909.88 | 4,656.67 | 3,460.20 | 2,757.73 | 10,784.48 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| VICTORIA—continued. | | | | | |
| Logs | | | | $1,200.00 | $1,200.00 |
| Lumber | | | | 1,787.45 | 1,787.45 |
| Miscellaneous products and articles | $461.04 | $1,640.26 | $188.10 | 1,048.44 | 3,337.84 |
| Oat bran | 283.25 | 138.50 | 114.00 | 6.00 | 541.75 |
| Returned American goods | 17,495.23 | 10,069.50 | 4,473.16 | 2,878.75 | 34,916.64 |
| Rice | 5,061.75 | 99.75 | 299.25 | 99.75 | 5,560.50 |
| Seeds | | 153.37 | | | 153.37 |
| Slate | | 376.00 | | | 376.00 |
| Sugar (Chinese) | 2,325.00 | | | 2,502.50 | 4,827.50 |
| Tea | 122.50 | 705.20 | | | 822.70 |
| Tin plate | | 482.50 | | | 482.50 |
| Total | 643,335.00 | 684,107.17 | 636,056.64 | 746,699.36 | 2,710,198.17 |
| WALLACEBURG. | | | | | |
| Bolts, stave and heading | 4,267.50 | 2,242.50 | | 9,771.25 | 16,281.25 |
| Hoops | 197.50 | 187.15 | 235.50 | 425.00 | 1,045.15 |
| Horses | | 81.00 | | | 81.00 |
| Lambs and sheep | 2,035.25 | 1,296.50 | | | 3,331.75 |
| Logs, elm, oak, etc | 48,132.00 | 32,571.00 | | 36,940.00 | 117,643.00 |
| Lumber, hard wood | 1,332.05 | 1,142.60 | | 4,812.90 | 7,287.55 |
| Potash, raw | | 461.00 | | 242.50 | 703.50 |
| Settlers' effects | 1,887.28 | 922.50 | 498.00 | 1,766.00 | 5,073.78 |
| Staves, ash, elm, etc | 26,526.55 | 36,831.41 | 12,802.41 | 38,863.66 | 115,024.03 |
| Wood, fire | 14,226.50 | 10,408.50 | | 8,722.50 | 33,357.50 |
| Total | 98,604.63 | 86,144.16 | 13,535.91 | 101,543.81 | 299,828.51 |
| WATERLOO. | | | | | |
| Hides | | | | 220.00 | 220.00 |
| Horses | 75.00 | 300.00 | | | 375.00 |
| Household goods | 800.00 | 1,477.50 | 1,495.00 | 2,070.00 | 5,842.50 |
| Lambs | 3,140.55 | | | | 3,140.55 |
| Lumber | 13,575.44 | 18,573.65 | 9,524.00 | 21,640.50 | 63,313.59 |
| Tools | | | | 175.00 | 175.00 |
| Total | 17,590.99 | 20,351.15 | 11,019.00 | 24,105.50 | 73,066.64 |
| WAUBAUSHENE. | | | | | |
| Apples | | 150.00 | | | 150.00 |
| Bran | 133.00 | 114.00 | | | 247.00 |
| Cedar paving | | | | 127.50 | 127.50 |
| Furs, raw | 11.37 | 1,088.30 | 3,004.28 | 3,658.07 | 7,762.02 |
| Ginseng | 3,505.35 | 1,853.72 | 34.75 | 198.62 | 5,592.44 |
| Hides | 2,800.00 | | | | 2,800.00 |
| Horses | | | | 433.00 | 433.00 |
| Ice machinery | | | 350.00 | | 350.00 |
| Lamps | | 565.50 | | | 565.50 |
| Laths | 4,296.57 | 2,687.52 | 101.50 | | 7,085.59 |
| Logs | 284,875.49 | | | 237,400.00 | 522,275.49 |
| Lumber | 283,373.16 | 237,864.92 | 72,811.20 | 127,399.26 | 721,448.54 |
| Peas | | | 130.00 | | 130.00 |
| Plasterers' hair | | | | 119.00 | 119.00 |
| Saw | 300.00 | | | | 300.00 |
| Settlers' effects | 1,784.50 | 1,538.00 | 2,576.25 | 3,099.75 | 8,998.50 |
| Sheep | | 1,090.00 | 750.00 | | 1,840.00 |
| Shingles | 84,412.31 | 57,963.07 | 24,489.29 | 57,000.13 | 223,864.80 |
| Shooks | | 255.00 | 522.00 | | 777.00 |
| Stock | | 780.00 | | | 780.00 |
| Tan bark | 520.95 | | | | 520.95 |
| Telegraph poles | 211.40 | 392.25 | 214.15 | | 817.80 |
| Total | 666,224.10 | 306,342.28 | 104,983.42 | 429,435.33 | 1,506,985.13 |
| WINDSOR, NOVA SCOTIA. | | | | | |
| Animals living: horses | 445.00 | 415.00 | 1,020.00 | 640.00 | 2,520.00 |
| Coal, bituminous | 1,706.00 | 2,954.00 | 3,052.00 | 4,311.00 | 12,023.00 |
| Cotton waste | | | 328.00 | 392.00 | 720,00 |
| Fish: herring, shad, and mackerel | 157.00 | 512.00 | | 390.00 | 1,059.00 |
| Fruit, green, apples | 7.00 | 190.00 | | | 197.00 |
| Furs, undressed | | 111.00 | | | 111.00 |
| Grindstones | 5,950.00 | 3,465.00 | | 1,155.00 | 10,570.00 |
| Gum, spruce | 45.00 | 1,125.00 | 696.00 | 692.00 | 2,558.00 |
| Gypsum, or plaster of Paris, unmanufactured | 62,964.00 | 55,789.00 | | 37,043.00 | 155,796.00 |

*Value of exports declared in Canada for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| **WINDSOR, NOVA SCOTIA—cont'd.** | | | | | |
| Household goods of emigrants | $378.00 | $468.00 | $128.00 | $1,513.00 | $2,487.00 |
| Manganese ore | 2,926.00 | 3,807.00 | 2,034.00 | 6,075.00 | 14,842.00 |
| Molding sand | ..... | 702.00 | ..... | ..... | 702.00 |
| Paper stock | ..... | ..... | 71.00 | ..... | 71.00 |
| Plaster, calcined | ..... | ..... | ..... | 875.00 | 875.00 |
| Vegetables: | | | | | |
| Evaporated | ..... | ..... | 108.00 | 108.00 | 216.00 |
| Potatoes | ..... | 7,106.00 | 1,010.00 | 3,911.00 | 12,027.00 |
| Wood, and its manufactures: | | | | | |
| Firewood | 5,912.00 | 3,888.00 | 88.00 | 5,161.00 | 15,049.00 |
| Laths | 11,765.00 | 9,586.00 | ..... | 8,015.00 | 29,366.00 |
| Lumber, sawn | 32,695.00 | 12,071.00 | 1,473.00 | 11,281.00 | 57,520.00 |
| Lumber, scantling | ..... | ..... | ..... | 1,805.00 | 1,805.00 |
| Piling | 18,622.00 | 11,961.00 | 431.00 | 17,591.00 | 48,605.00 |
| Railway ties | 555.00 | ..... | ..... | ..... | 555.00 |
| Ship timbers | 497.00 | ..... | ..... | ..... | 497.00 |
| Ship's knees | 1,845.00 | 640.00 | 250.00 | 315.00 | 3,050.00 |
| Staves | ..... | ..... | ..... | 150.00 | 150.00 |
| Sundries | ..... | 15.00 | 16.00 | 20.00 | 51.00 |
| Total | 146,469.00 | 114,805.00 | 10,705.00 | 100,943.00 | 372,922.00 |
| Total for preceding year | 134,876.00 | 88,769.00 | 9,729.00 | 103,547.00 | 336,921.00 |
| Increase | 11,593.00 | 26,036.00 | 976.00 | ..... | 46,001.00 |
| Decrease | ..... | ..... | ..... | 3,104.00 | ..... |
| **WINDSOR, ONTARIO.** | | | | | |
| Animals | 3,827.50 | 5,457.50 | 9,906.50 | 8,049.50 | 27,241.00 |
| Animals returned, American, or for exhibition | 51,250.00 | 3,153.00 | 5,000.00 | 762.00 | 60,165.00 |
| Beans | 2,014.25 | ..... | ..... | 9,135.47 | 11,149.72 |
| Bolts | 5,187.50 | 836.78 | 110.00 | 2,418.25 | 8,552.53 |
| Breeding animals | 1,150.00 | 4,000.00 | 200.00 | 900.00 | 6,250.00 |
| Cedar | 10,492.62 | 6,945.36 | ..... | 11,439.44 | 28,877.42 |
| Charcoal | 7,148.00 | 5,092.00 | ..... | ..... | 12,240.00 |
| Fish | 9,018.84 | 5,713.28 | ..... | 2,003.70 | 16,735.82 |
| Hides and skins | 1,254.71 | 1,249.61 | 1,700.92 | 1,668.01 | 5,873.25 |
| Logs | 33,209.50 | 16,639.75 | 583.60 | 52,226.00 | 102,658.85 |
| Lumber and lath | 36,504.88 | 37,700.94 | 6,871.38 | 44,927.08 | 126,004.28 |
| Personal effects | 5,846.80 | 120.00 | 20.00 | 2,090.00 | 8,076.80 |
| Pulp, wood | ..... | ..... | ..... | 114.00 | 114.00 |
| Staves | 13,811.49 | 13,629.05 | 9,050.37 | 28,024.31 | 64,515.22 |
| Sundries | 6,393.81 | 8,992.05 | 9,376.60 | 5,144.21 | 29,906.67 |
| Whisky | 14,779.25 | 25,212.25 | 21,744.85 | 26,720.90 | 88,457.25 |
| Wood | 1,165.00 | 1,592.00 | 364.00 | 860.00 | 3,981.00 |
| Total | 203,054.15 | 136,333.57 | 64,928.22 | 196,482.87 | 600,798.81 |
| **WINNIPEG.** | | | | | |
| Animals: horses and cattle | ..... | ..... | ..... | ..... | 26,305.00 |
| Bran | ..... | ..... | ..... | ..... | 4,207.00 |
| Bones | ..... | ..... | ..... | ..... | 23,227.00 |
| Carriages, wagons | ..... | ..... | ..... | ..... | 6,601.00 |
| Clothing | ..... | ..... | ..... | ..... | 4,865.00 |
| Flour | ..... | ..... | ..... | ..... | 1,742.00 |
| Fish | ..... | ..... | ..... | ..... | 198,074.00 |
| Furs, undressed | ..... | ..... | ..... | ..... | 116,403.00 |
| Hides | ..... | ..... | ..... | ..... | 7,213.00 |
| Household effects | ..... | ..... | ..... | ..... | 45,311.00 |
| Leather manufactures | ..... | ..... | ..... | ..... | 1,962.00 |
| Machinery | ..... | ..... | ..... | ..... | 4,016.00 |
| Pianofortes | ..... | ..... | ..... | ..... | 2,950.00 |
| Organs | ..... | ..... | ..... | ..... | 1,365.00 |
| Sewing machines | ..... | ..... | ..... | ..... | 1,513.00 |
| Seneca root | ..... | ..... | ..... | ..... | 16,925.00 |
| Wooden barrels, empty | ..... | ..... | ..... | ..... | 6,382.00 |
| All other articles | ..... | ..... | ..... | ..... | 41,265.00 |
| Wheat | ..... | ..... | ..... | ..... | 200,895.00 |
| Total | ..... | ..... | ..... | ..... | 711,221.00 |

## GASPE BASIN.

### THE FISHERIES.

*Cod*—This fishery, which is about the main support of this consular district, will not vary much from last season; there was more fish taken but the weather has been so unfavorable this fall for curing that quite a lot will have to remain over until next season; the exports therefore will be about the same as in 1892.

*Salmon*—This fishery, both net and fly, has been good during the past season. About all of this fish is shipped fresh from this port to Fulton Market, New York City. I am unable to give the amount as the fish are shipped first from here to Dalhousie and Campellton, New Brunswick, and repacked and shipped from the above two places.

*Mackerel*—This fishery still continues to be a total failure as usual in and around this district.

### PETROLEUM.

Two wells have been worked during the season, while other locations have been chosen and derricks built. The work along the coast line from Seal Cave to Gaspe Basin seems to have been unproductive and is apparently abandoned. The best prospects seem to be on the York River in the township of Gaspe south. The well beyond the township line on the York River is reported dry. Of the three wells above mentioned in the township of Gaspe south, two are not of much account, but the third, about a half mile to the south, and gives more promise. About the middle of last month (December) the company made arrangements for torpedoing the wells and since this has been done the generally accepted report says that No. 7 well, or the one farthest south, is giving considerable quantity of petroleum of good quality (some say as much as three barrels a day), at all events No. 7 is the best thing the company has struck yet. I think it will enable them to get more money and prospect the country further. If it turns out that oil lies to the south of the Tar point anticlinal then there will be many lots of land which the old company did not secure.

The International Company (a company that I have alluded to in my last three annual reports) seems to have dropped out altogether, although the machinery has not been removed.

### BOIS DES CHALEUR RAILWAY.

This railroad has made considerable progress during the past year, and is in operation as far as Caplin, which is for the present its eastern terminus, and in time it will be finished as far as Paspebiac. It will, even as it is, be of great benefit to the coast. I do not see why so important a county as Bonaventure has been so long without a railroad. Its farm products compare favorably with those of some of the most prosperous counties in eastern Canada, and, besides this, it has its fisheries and forest products. Now that the present Government is pledged to see a proper expenditure of grants, I hope to see a great advance made in the extension of this railroad. I understand that the contract with the steamship *Admiral* to carry the mails between Dalhouse and Gaspé has been renewed for only one year because the finishing of the railroad to Paspebiac will render a new contract or revised conditions necessary. This road is in good order as far as Caplin (80 miles distant from Metapedia), stations built and trains running; and during the interval which will elapse between the closing and the opening of navigation it is the intention of the company to run trains three times a week during the winter, and to run a stage between the terminus and New Carlisle and Paspebiac. The manager speaks hopefully of the prospect of passenger and freight traffic. I am afraid that it will be some years before the railroad is extended to Gaspé Basin, unless some extraordinary developments take place in petroleum or in some other at present unknown product of the country.

### MARINE POLICE.

The vessels of this force were composed of 5 steamers, viz, *Acadia*, *La Canadienne*, *Constance*, *Stanley*, and *Curlew*, and 2 schooners, viz, *Vigilant* and *Kingfisher*. These vessels have been as active as ever in looking after our fishing vessels, but our fishermen have exercised great caution in avoiding any cause of complaint against them, only 1 American fishing vessel (the schooner *Lawrence A. Monroe*, of Gloucester, Mass.) was brought into this port the past season under seizure, and that was for an infringement of the customs laws, committed at the Magdalen Islands some twelve months before when the above vessel was under command of another captain.

### DESTITUTE AMERICAN SEAMEN.

This consulate granted relief to 19 American seamen during the past season in the way of board and passage to the United States amounting to $213.34.

### AMERICAN VESSELS.

The man-of-war *Newark*, 3 steam yachts, 1 schooner yacht, 4 towboats, and 2 fishing vessels called at this port during the past season.

### NAVIGATION.

The last of the vessels of the season sailed on the 1st instant; the previous year on the 3d of the same month. On the 4th of this month the light-ship at Sandy Beach, at the mouth of this harbor, went into winter quarters and the harbor light was extinguished. The storm-signal station is closed for the winter. Navigation opened here last spring on the 8th of May.

*Value of declared exports from the consular district of Gaspé Basin, Quebec, to the United States during the year ending December 31, 1893.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Blueberries, canned ..... cases.. | 615 | $824.00 |
| Codfish, dry ..... quintals.. | 193 | 963.00 |
| Codfish, green ..... barrel.. | 1 | 2.50 |
| Cod-liver oil ..... do.... | 249 | 2,980.00 |
| Fresh fish, smelts ..... pounds.. | 4,870 | 97.40 |
| Herring, pickled ..... barrels.. | 12 | 40.00 |
| Household goods ..... packages.. | 15 | 360.00 |
| Lobsters, canned ..... cases.. | 876 | 2,216.00 |
| Mackerel ..... barrel.. | 1 | 10.00 |
| Railway ties, cedar ..... pieces.. | 480,067 | 57,108.59 |
| Shingles, cedar ..... M.. | 121½ | 212.63 |
| Sundries ..... | ..... | 20.00 |
| Wearing apparel ..... cases.. | 2 | 200.00 |
| Whale oil ..... casks.. | 154 | 1,968.90 |
| Total ..... | ..... | 67,003.02 |
| Total for preceding year ..... | ..... | 46,950.16 |
| Increase ..... | ..... | 20,052.86 |

*Statement showing the imports from the United States to the consular district at Gaspé Basin, Quebec, for the year ending December 31, 1893.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Beef ..... barrels.. | 25 | $200 |
| Coal, anthracite ..... tons.. | 100 | 562 |
| Mining machinery ..... | ..... | 4,799 |
| Merchandise ..... | ..... | 2,903 |
| Pork ..... barrels.. | 100 | 1,500 |
| Pitch and tar ..... do.... | 200 | 200 |
| Seines, nets, and cordage ..... | ..... | 2,659 |
| Total ..... | ..... | 12,823 |
| Total for preceding year ..... | ..... | 17,227 |
| Decrease ..... | ..... | 4,404 |

### TOTAL TRADE.

The exports and imports from and into this consular district, exclusive of the United States, were as follows for the year ending December 31, 1893:

*Exports.*—Codfish, 44,094 quintals, valued at $257,956; shipped to Barbados (West Indies), Brazil, Italy, Spain, and Jersey (Great Britain), and in vessels under the British flag; lumber, deals, etc., $4,437.

The imports for the same period consist of general merchandise, nets, lines, and twine, salt, coffee, sugar, and molasses, valued at $3,129.60.

*Trade of Paspebiac.*—From the consular agency at Paspebiac, in this consular district, for the year ended December 31, 1893, there were exported 65,500 quintals of codfish, valued at $327,500; 1,500 barrels of cod oil, valued at $18,000, and 20,000 cedar shingles, valued at $3,000.

The imports were general merchandise, $12,000; salt, $7,000; sugar and molasses, $19,000.

ALMAR F. DICKSON,
*Consul.*

GASPÉ BASIN, *January 2, 1894.*

## ST. STEPHEN.

*Statement showing the imports at St. Stephen, New Brunswick, for the year ending June 30, 1893.*

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| Beer, in kegs ..... gallons.. | 815 | $152.00 | $108.16 | United States. |
| Books, paper, manufactures of ..... | ..... | 5,259.00 | 1,869.34 | Do. |
| Breadstuffs ..... barrels.. | 12,530 | 27,410.00 | 3,927.30 | Do. |
| Coal: | | | | |
| Bituminous ..... tons.. | 290 | 1,397.00 | 173.20 | Do. |
| Anthracite ..... do.... | 2,949 | 11,091.00 | ..... | Do. |
| Cotton goods ..... yards.. | 4,934 | 520.00 | 183.59 | Great Britain |
| Do ..... do.... | 302 | 237.00 | 65.38 | United States. |
| Cotton wool ..... pounds.. | 4,948,157 | 355,903.00 | ..... | Do. |
| Drugs and dyes ..... do.... | 208,730 | 43,504.00 | 948.14 | Do. |
| Do ..... do.... | 50,960 | 737.00 | 147.40 | Great Britain. |
| Earthenware, China ..... | ..... | 4,312.00 | 1,464.40 | Do. |
| Fruits ..... | ..... | 11,025.00 | 3,080.63 | United States. |
| Iron and steel, manufactures of ..... | ..... | 54,991.00 | 16,348.57 | Do. |
| Do ..... | ..... | 4,693.00 | 1,419.96 | Great Britain. |
| Leather, manufactures of ..... | ..... | 1,480.00 | 318.45 | United States. |
| Miscellaneous ..... | ..... | 153,583.00 | 8,036.96 | United States and Great Britain. |
| Molasses ..... gallons.. | 101,166 | 19,128.00 | 1,517.49 | West Indies. |
| Oils ..... do.... | 90,193 | 9,471.00 | 6,302.17 | United States. |
| Provisions ..... pounds.. | 167,229 | 12,856.00 | 2,970.87 | Do. |
| Tobacco and cigars ..... boxes.. | 1,933 | 3,484.00 | 4,738.00 | Spanish West Indies. |
| Wood, manufactures of ..... | ..... | 12,422.00 | 3,190.35 | United States. |
| Woolen goods ..... yards.. | 9,818 | 3,709.00 | 1,129.31 | Great Britain and United States. |
| Glucose ..... pounds.. | 225,595 | 3,790.00 | 3,628.96 | United States. |
| Total ..... | ..... | 743,154.00 | 61,578.63 | |

TRADE WITH THE UNITED STATES.

*Statement showing the imports and exports between St. Stephen, New Brunswick, and the United States for the year ending June 30, 1893.*

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Amount. | Value. | Amount. | Value. |
| Books, paper, manufactures of ..... | ..... | $5,259.00 | ..... | ..... |
| Breadstuffs ..... barrels.. | 12,530 | 27,410.00 | ..... | ..... |
| Coal ..... tons.. | 3,239 | 12,468.00 | 259 | $884.00 |
| Cotton, manufactures of ..... yards.. | 4,948,157 | 356,140.00 | 65,188 | 3,808.00 |
| Drugs and dyes ..... | 208,690 | 43,504.00 | ..... | ..... |
| Fish, salted and pickled ..... | ..... | ..... | ..... | 3,425.00 |
| Fruits ..... | ..... | 11,025.00 | ..... | ..... |
| Horses ..... | ..... | ..... | 30 | 3,643.00 |
| Iron and steel, manufactures of ..... | ..... | 54,991.00 | ..... | ..... |
| Leather, manufactures of ..... | ..... | 1,488.00 | ..... | ..... |
| Miscellaneous ..... | ..... | 95,583.00 | ..... | 178,530.00 |
| Molasses ..... gallons.. | ..... | ..... | 85,422 | 18,631.00 |
| Oils ..... do.... | 90,193 | 9,471.00 | ..... | ..... |
| Provisions ..... pounds.. | 167,229 | 12,856.00 | ..... | ..... |
| Sheep pelts ..... | ..... | ..... | 64,200 | 43,396.00 |
| Tea ..... pounds.. | ..... | ..... | 6,000 | 1,450.00 |
| Wood, manufactures of ..... | ..... | 12,422.00 | ..... | 134,681.00 |
| Total ..... | ..... | 642,637.00 | ..... | 388,448.00 |

NAVIGATION.

*Statement showing the navigation at the port of St. Stephen, New Brunswick, for the year ending June 30, 1893.*

| Flag. | From or to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Steamer | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Canadian | Dominion ports | 110 | 3,320 | 289 | 5,355 | 390 | 8,675 | 111 | 3,333 | 297 | 6,720 | 408 | 10,053 |
| English | British West Indies. | .... | ..... | 1 | 98 | 1 | 98 | .... | ..... | .... | ..... | .... | ..... |
| Canadian | ....do | .... | ..... | 2 | 330 | 2 | 330 | .... | ..... | .... | ..... | .... | ..... |
| Do | Spanish West Indies. | .... | ..... | 1 | 147 | 1 | 147 | .... | ..... | .... | ..... | .... | ..... |
| United States | United States | 8 | 117 | 34 | 3,158 | 42 | 3,275 | 8 | 117 | 33 | 3,061 | 41 | 3,178 |
| Canadian | ....do | 37 | 6,295 | 8 | 878 | 45 | 7,173 | 37 | 6,295 | 4 | 185 | 41 | 6,480 |
| Total | ..... | 155 | 9,732 | 335 | 9,966 | 490 | 19,698 | 156 | 9,745 | 334 | 9,966 | 490 | 19,711 |

EDGAR WHIDDEN,
*Consul.*

ST. STEPHENS, *June 30, 1893.*

# FRENCH NORTH AMERICAN POSSESSIONS.

## ST. PIERRE AND MIQUELON.

*Value of declared exports from the consular district of St. Pierre and Miquelon to the United States for the year ending, June 30, 1893.*

| Articles. | Quarter ending— | Quantity. | Value. |
|---|---|---|---|
| Codfish, dry: | | *Quintals.* | |
| In bond (in drums) | Sept. 30, 1892 | 3,134 | $12,678.35 |
| In bulk | ....do | 2,034 | |
| In bond (in drums) | Dec. 31, 1892 | 6,918½ | 26,390.38 |
| In bulk | ....do | 3,718 | |
| Do | Mar. 31, 1893 | 2,995½ | 8,598.35 |
| In bond (in drums) | ....do | 686½ | |
| Do | June 30, 1893 | 1,921 | 4,930.05 |
| Total | ..... | ..... | 52,567.13 |

GEO. J. STEER,
*Consul.*

# MEXICO.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **ACAPULCO.** | | | | | |
| Coffee | $1,200.00 | $12,585.00 | $9,792.00 | $47,918.77 | $71,495.77 |
| Hides | 4,904.78 | 10,388.08 | 12,168.39 | 8,068.68 | 35,529.93 |
| Limes | 14,233.10 | 11,341.64 | 7,722.07 | 10,942.79 | 44,239.60 |
| Mexican silver dollars | | | | 6,000.00 | 6,000.00 |
| Rubber | 95.76 | 512.00 | 1,638.31 | 250.00 | 2,496.07 |
| Skins | 1,920.71 | 2,674.30 | 2,082.09 | 7,926.02 | 14,603.12 |
| Tropical fruits, other than limes | 353.43 | 326.09 | 193.81 | 554.00 | 1,427.33 |
| Total | 22,707.78 | 37,827.11 | 33,596.67 | 81,660.26 | 175,791.82 |
| **FRONTERA.** | | | | | |
| Alligator skins | 6,955.72 | 3,334.62 | 11,922.96 | 9,660.08 | 31,873.38 |
| Beans | | | 1,179.37 | | 1,179.37 |
| Coffee | | | 855.55 | | 855.55 |
| Chicle | 139.80 | 80.00 | 1,205.96 | 257.05 | 1,682.81 |
| Cocoa | | | 310.55 | | 310.01 |
| Fustic | | | 288.27 | 110.50 | 398.77 |
| Deer skins | 1,991.49 | 1,474.00 | 2,027.36 | 921.06 | 6,413.91 |
| Goat skins | | | 68.77 | | 68.77 |
| Hides | 4,955.24 | 6,902.20 | 5,777.53 | 3,186.06 | 20,861.03 |
| India rubber | 1,291.13 | 1,879.60 | 607.33 | | 3,778.06 |
| Iguana skins | | | 42.47 | 466.68 | 509.15 |
| Logwood | | 2,117.75 | 84.10 | 1,261.75 | 3,463.60 |
| Mahogany | 27,345.57 | 24,916.01 | 38,214.36 | 33,712.90 | 124,188.84 |
| Plumes | 1,949.80 | 495.35 | | 18,251.73 | 20,696.88 |
| Tiger skins | | | 20.89 | 23.00 | 43.89 |
| Wild hog skins | 182.69 | 257.74 | 252.93 | 127.65 | 821.01 |
| Sarsaparilla | | 82.90 | 31.53 | | 114.43 |
| Tamarind | | | | 91.12 | 91.12 |
| Chocolate | | | | 16.25 | 16.25 |
| Curios | | | | 15.00 | 15.00 |
| Cedar | | | | 54.60 | 54.60 |
| Fish skins | | | | 24.75 | 24.75 |
| Parrots | | | | 1,211.25 | 1,211.25 |
| Sugar | | | | 1,045.00 | 1,045.00 |
| Total | | | | | 219,717.42 |
| **LA PAZ.** | | | | | |
| Bark | 4,247.30 | 792.36 | 1,241.68 | 1,048.50 | 7,329.84 |
| Bullion, silver | 182,810.50 | 154,010.50 | 128,006.50 | 126,007.50 | 540,035.00 |
| Damiana leaves | | 2,109.38 | 737.65 | | 2,847.03 |
| Fins, shark | 289.75 | 74.50 | 44.40 | 547.40 | 956.05 |
| Hides | 2,914.85 | 3,256.97 | 4,140.78 | 3,800.07 | 14,112.67 |
| Orchilla weed | | 155.50 | 216.50 | | 372.00 |
| Pearls | 3,000.00 | | 1,004.90 | 1,002.50 | 5,007.40 |
| Shells, mother-of-pearl | 15,356.23 | 11,675.34 | 6,916.75 | 908.00 | 34,856.32 |
| Shell, tortoise | | 83.00 | | 480.00 | 563.00 |
| Salt | 4,302.50 | 1,282.50 | | | 5,585.00 |
| Skins, deer, etc | | 272.03 | 340.58 | 399.40 | 1,012.01 |
| Miscellaneous | 50.00 | | 56.50 | 187.75 | 294.25 |
| Total | 162,171.13 | 173,712.08 | 142,706.24 | 134,381.12 | 612,970.57 |
| **MATAMOROS.** | | | | | |
| Asphaltum | 154.51 | 49.77 | 15.63 | | 219.91 |
| Bones | 182.47 | 944.55 | 551.93 | | 1,678.95 |
| Cattle hair | 70.47 | 42.94 | 250.34 | 124.00 | 487.75 |
| Coffee | | | | 2,793.80 | 2,793.80 |
| Corn | 101.37 | | | | 101.37 |
| Cotton seed | | | 22.54 | | 22.54 |
| Chick pease | | | | 21.00 | 21.00 |
| Duck feathers | | 58.18 | 95.63 | 27.00 | 180.81 |
| Furs | | | 42.15 | 44.00 | 86.15 |
| Goat, deer, and other skins | 11,415.92 | 9,580.12 | 14,335.17 | 16,180.75 | 51,511.96 |
| Hides and calfskins | 10,349.76 | 8,107.89 | 13,541.52 | 21,589.74 | 53,588.91 |
| Horns | 46.57 | 111.51 | 280.20 | 49.50 | 487.78 |
| Horsehair | 2,846.50 | 2,892.97 | 6,109.48 | 6,706.41 | 18,555.36 |
| Ixtle | | | 7.76 | | 7.76 |
| Live animals | 140.07 | | 370.63 | | 510.70 |
| Mexican coin | | | | 10,000.00 | 10,000.00 |
| Piloncillo | 289.52 | | 484.69 | 1,937.00 | 2,711.21 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total for the year. |
|---|---|---|---|---|---|
| MATAMOROS—continued. | | | | | |
| Salt | $1,327.18 | | $578.71 | | $1,905.89 |
| Sulphurated naphthol | 63.12 | | | | 63.12 |
| Whetstone | | | | $1.50 | 1.50 |
| Miscellaneous | 384.79 | $435.78 | 651.63 | 735.70 | 2,206.90 |
| Total | 27,372.25 | 22,223.71 | 37,337.01 | 60,210.40 | 147,143.37 |
| PASO DEL NORTE. | | | | | |
| Beans | 660.40 | | | | 660.40 |
| Bullion: | | | | | |
| Gold | | 374.88 | | | 374.88 |
| Silver | 4,204.00 | 5,935.97 | | 2,590.87 | 12,730.84 |
| Lead | 9,397.60 | 1,627.57 | | 24,169.65 | 35,184.82 |
| Coin: | | | | | |
| Gold | | 5,412.00 | | | 5,412.00 |
| Silver | | 78,441.00 | | | 78,441.00 |
| Cigars and tobacco | 125.00 | | 311.92 | | 436.92 |
| Hides and skins | 1,506.96 | 1,520.12 | 3,829.98 | 1,556.61 | 8,503.67 |
| Government bonds | 848,800.00 | | | | 848,800.00 |
| Live stock | 6,466.64 | | 4,900.29 | 134.64 | 11,501.57 |
| Liquors | | | 649.54 | | 649.54 |
| Ore, silver | 53,251.75 | 5,760.98 | 56,767.92 | 29,501.83 | 145,282.48 |
| Oranges | | | 5,002.80 | | 5,002.80 |
| Sulphides of silver | 1,203.12 | 10,760.57 | 33,340.20 | 19,947.35 | 65,251.24 |
| Sundries | 4,832.71 | 4,829.78 | 2,173.00 | 4,523.99 | 16,359.48 |
| VERA CRUZ. | | | | | |
| Alligator skins | 6,955.72 | 3,334.62 | 11,922.96 | 10,012.92 | 32,226.22 |
| Aloe oil | | | | 662.00 | 662.00 |
| Ammonia | 35.00 | | 37.50 | | 72.50 |
| Anise | | | | 26.48 | 26.48 |
| Asphalt | 405.68 | | 300.00 | 140.84 | 846.52 |
| Barrels, empty | | 2,926.68 | 7,750.00 | 822.73 | 11,499.41 |
| Beans | 4,897.20 | 12,832.44 | 3,599.37 | 1,190.20 | 22,519.21 |
| Books | | | | 221.11 | 221.11 |
| Butterflies | | | | 66.20 | 66.20 |
| Broomroot | 10,948.39 | 6,075.15 | 6,284.80 | 11,752.05 | 35,060.39 |
| Cedar | 3,704.00 | | 13,521.94 | 7,246.26 | 24,472.20 |
| Chicle | 3,595.77 | 21,824.60 | 26,812.72 | 6,960.65 | 59,193.74 |
| Chocolate | | | | 16.25 | 16.25 |
| Cigars | 1,293.16 | 1,879.79 | 3,708.12 | 477.08 | 7,358.15 |
| Cigarettes | | 67.64 | 45.00 | 87.07 | 199.71 |
| Cowhair | | | | 52.96 | 52.96 |
| Coffee | 405,758.83 | 144,219.72 | 2,088,083.85 | 1,966,767.76 | 4,604,830.16 |
| Cocoa | | | 310.55 | | 310.55 |
| Curios | | | | 15.00 | 15.00 |
| Deerskins | 3,883.97 | 2,216.00 | 2,901.55 | 7,306.70 | 16,308.22 |
| Engravings | | 302.00 | | | 302.00 |
| Feathers: | | | | | |
| Heron | 1,949.80 | 495.35 | 285.00 | 22,862.55 | 25,592.70 |
| Duck | | | | 371.65 | 371.65 |
| Hen | | 37.50 | | 1,416.53 | 1,454.03 |
| Fish skins | | | | 24.75 | 24.75 |
| Fruits | | | | 19.86 | 19.86 |
| Furniture | | | | 331.00 | 331.00 |
| Fustic | 3,523.63 | 10,260.37 | 9,873.09 | 18,370.16 | 42,027.25 |
| Guana skins | | | 42.47 | 532.88 | 575.35 |
| Gold bars | | | 1,604.52 | 359.19 | 1,963.71 |
| Gostakins | 26,151.71 | 80,459.15 | 14,239.69 | 190,446.37 | 311,296.92 |
| Glue | 86.80 | | | | 86.80 |
| Hides: | | | | | |
| Dry | 27,575.99 | 24,360.14 | 30,514.56 | 13,650.12 | 96,100.81 |
| Wet, salted | | | | 6,553.80 | 6,553.80 |
| Horse hair | | | 65.00 | 191.74 | 256.74 |
| Indigo | | 9,850.12 | 10,426.13 | 2,109.42 | 22,385.67 |
| Iron cylinder | 42.00 | | | | 42.00 |
| Iron (repairs) | | 37.50 | | | 37.50 |
| Istle | 175.00 | | | | 175.00 |
| Jalap | 1,137.24 | 2,286.45 | 4,035.52 | 10,313.03 | 17,772.24 |
| Lemons | | 37.50 | | | 37.50 |
| Lizard skins | | | | 132.40 | 132.40 |
| Leaf tobacco | 3,617.58 | 1,788.15 | | 11,500.72 | 16,906.45 |
| Live plants | 274.15 | 221.08 | 410.00 | 996.75 | 1,901.98 |
| Living birds | | | | 331.00 | 331.00 |
| Leather shavings | | | | 217.77 | 217.77 |
| Logwood | 560.00 | 2,117.75 | 84.10 | 1,261.75 | 4,023.60 |
| Magnolia leaf | | | | 158.88 | 158.88 |
| Machinery | 70.00 | | 42.00 | | 112.00 |
| Mahogany | 69,303.66 | 37,353.86 | 112,876.72 | 68,360.90 | 287,895.14 |
| Matches | 140.00 | | | | 140.00 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| VERA CRUZ—continued. | | | | | |
| Marble | $32,731.35 | $6,256.25 | $10,340.35 | $12,907.84 | $62,235.69 |
| Merchandise | | | 1,824.16 | 907.24 | 2,731.40 |
| Mineral samples | | | 72.00 | 30.61 | 102.61 |
| Medicine | | 75.00 | | | 75.00 |
| Onyx | 267.69 | | 28,105.40 | 58,601.35 | 86,974.44 |
| Oil | | 11,762.66 | | | 11,762.66 |
| Palms | | | | .33 | .33 |
| Parrots | | | | 1,211.25 | 1,211.25 |
| Personal goods | 96.53 | | | 479.95 | 576.48 |
| Pepper | | | | 3.97 | 3.97 |
| Pitch | | | 249.60 | | 249.60 |
| Pumps | | 150.00 | | | 150.00 |
| Rice | | | 363.50 | | 363.50 |
| Rubber | 2,512.58 | 3,300.90 | 3,327.34 | 6,629.58 | 15,770.40 |
| Sarsaparilla | | 82.90 | 31.53 | 177.94 | 292.37 |
| Straw hats | | | | 9.93 | 9.93 |
| Shawls | | | | 39.72 | 39.72 |
| Sugar | | | | 3,082.10 | 3,082.10 |
| Saffron | | | | 297.90 | 297.90 |
| Shears | | | 170.00 | | 170.00 |
| Silver bars | | | 3,805.37 | 61,209.46 | 65,014.83 |
| Silver ore | 47,187.62 | 38,421.08 | 28,264.07 | 31,025.81 | 144,898.58 |
| Steam launch | | | | 364.10 | 364.10 |
| Tamarind | | | | 91.12 | 91.12 |
| Tiger skins | | | 20.89 | 24.39 | 45.28 |
| Typewriter | 98.50 | | 297.06 | | 395.56 |
| Tools | 35.00 | 52.00 | | | 87.00 |
| Vanilla | 117,621.15 | 64,512.70 | 49,840.24 | 132,553.95 | 364,528.04 |
| Wax dolls | | | | 53.62 | 53.62 |
| Walking canes | | | | 19.86 | 19.86 |
| Wild boar skins | | | | 66.20 | 66.20 |
| Wild hog skins | 182.69 | 257.74 | 252.93 | 127.65 | 821.01 |
| Wood samples | 140.00 | | | | 140.00 |
| Total | | | | | 6,417,808.03 |

## LOWER RIO GRANDE VALLEY.

### IRRIGATION.

The drought of nearly five years seems interminable. Lands can have no certain value until some system of irrigation is established. The subject of irrigation is being discussed here, as it is in the far West, and irrigation on an extensive plan is practical.

Millions of acres of alluvial bottom lands along the Rio Grande are capable of irrigation by the river. The reservoir or the well would be used to store water to irrigate more than 1,000,000 acres off from the river. Lieut. Chatfield, U. S. Army, says: "Irrigation on an extensive scale would soon change the character of the country in this vicinity, make it self-supporting and eventually place it on a par with California for variety and quality of fruits; with Louisiana for sugar cane and its various extractions; with South Carolina for rice and Sea Island cotton; with Florida for truck farming; with Kansas for corn, and with North Carolina for tobacco."

Irrigation would subdivide the large ranches into small farms, so that a large and prosperous community could be maintained in this region. If small farmers were once established along this border speedy relations of increased commerce would follow between Mexico and the United States. Her business, and that of the most southern countries would be ours. Development by irrigation would encourage new railroad lines and bring all our manufactures at this gateway into our sister Republic.

Sergt. I. M. Cline, Signal Service, says: "In south Texas alone (including the lower Rio Grande Valley) there are over one million acres on which sugar cane can be successfully grown every year." Another authority says: "There is no doubt of the Rio Grande Valley becoming, eventually, one of the largest sugar district in proportion to its area in the United States." I am told that nearly 20 per cent profit on large sums can be made by sugar planters. This field is an inviting one to capital.

Experiments with Sea Island cotton have been successful as well as with tobacco. In both these products the results have shown the best qualities.

Live stock raising is also dependent upon irrigation, for the lack of water and grass often cause the cattle to die in numbers. Were the water and grass supply

constant, the methods of raising fine horses, cattle, and sheep (a business for which this climate is admirably suited) would improve, and the live stock could be raised under fence. This climate permits cattle to be out of doors all the year round, and is most healthful for stock.

### RAILROADS.

Without irrigation and without a railroad this region can not awaken. The cry of the people is for a railroad. There is an effort now being made to connect Corpus Christi and Brownsville by railroad. So many imaginary railroads have been built here in the past five or six years that I feel somewhat timid about reporting on railroads; but I have great faith in the character and ability of the men connected with the present scheme; I firmly believe in the success of the undertaking. The shortest route to the city of Mexico lies through this region. To resuscitate commerce the citizens look to the accomplishment of one of the many railway projects. The quicker and the more numerous the lines of transportation into the Mexican interior the better market for American goods. No goods are more popular than our own, yet the factories of Europe supply enormously the wants of our neighbors in Mexico. Railroads will cause the improvement and education of the masses in the interior of northern Mexico.

### TARIFFS.

Our tariff laws, too, must aid in establishing trade with our neighbors. Our industries can find no better market for the future. Every concession should be made to encourge intercourse. In a recent interview President Diaz is reported as saying: "The custom regulations and tariff laws between Mexico and the United States are far from satisfactory, as at present arranged, and without doubt operate to the disadvantage of both countries."

The present tariff on horses and cattle prohibits trade, and what was once a stirring traffic in live stock is now stagnant. Our duty is $30 a head on horses and $10 a head on cattle. The Mexican prohibitory tax is about the same. I believe a revision of this tax is essential to the full interchange of commodities between the two countries. Trade in live stock is one of local importance. Yet the prohibitory feature is a shutting off of business, and we can not expect to find a free and wholesale market for our manufactures if we maintain the high tariff against our sister Republic. Thus it is also in the matter of Mexican ore. We are prohibiting the importation of Mexican ore. Only liberality on our part will encourage Mexico to increase trade with us. We can not expect to unload the products of our mills in a country whose only articles are prohibited from the enjoyment of our market. We ought to assist in advancing and strengthening our neighboring Republic by every means. By such policy we can make colonies to feed our workingmen. The cry of competition with the pauper labor of Europe is now seen to be false. What of our thousands, who are now unemployed and who would accept any stipend? We want new fields for the sale of our products, and we can gain new fields by a liberal policy towards Mexico, in the matter of tariff laws.

### CLIMATE.

This is the Italy of America. There can be no more delightful climate than this. Nature has made the lower valley of the Rio Grande the fitting playground of the most beautiful sunset and the reflections of the most glorious skies. As a winter resort, there can be no more charming place of residence.

With liberal tariff laws on the part of both countries, a railroad and a system of irrigation, this valley would soon become a vast garden of prosperity, wealth, and happiness.

The year ending December 31, 1893, has been one of remarkable healthfulness. The records of mortality are the best evidence of this.

### PUBLIC FEELING.

I desire to refer to my kind reception on the part of the citizens of Matamoras. This courtesy I have taken as a compliment to my country. Gen. Lojero, and in fact all of the officials here, have specially been interested in the maintenance of cordiality and propitious relation. All seem to be eager to advance the mutual interest of the sister countries. There is peace and good will here by reason of the high character and noble intents of the citizens, as well as by reason of law and treaty.

J. THANHAUSER,
*Consul.*

MATAMORAS, *December 31, 1893.*

## NUEVO LAREDO.

*Value of declared exports from the consular district of Nuevo Laredo to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| American goods returned | $15,212 | $9,190 | $23,726 | $11,057 | $59,185 |
| Argentiferous lead | 744,191 | 971,185 | 1,494,998 | 1,684,042 | 4,894,416 |
| Coffee | ---------- | ---------- | ---------- | 13,222 | 13,223 |
| Hides | 14,234 | 24,634 | 13,116 | 14,027 | 66,011 |
| Horse hair | 4,219 | 2,371 | 4,933 | 5,989 | 17,562 |
| Skins | 51,920 | 45,762 | 66,353 | 56,021 | 220,056 |
| Sugar | 225 | 12,695 | 19,834 | 5,239 | 37,993 |
| Ixtle | 14,521 | 27,232 | 15,424 | 7,013 | 64,190 |
| Parrots | 2,733 | 396 | ---------- | 583 | 3,712 |
| Wood | ---------- | ---------- | 2,277 | 6,383 | 8,660 |
| Miscellaneous | 17,285 | 8,048 | 8,942 | 5,726 | 35,001 |
| Total | ---------- | ---------- | ---------- | ---------- | 5,420,308 |

JOSEPH G. DONNELLY,
*Consul-General.*

## SALTILLO.

*Value of declared exports from the consular district of Saltillo to the United States during the year ending June 30, 1893.*

[Value in Mexican dollars at $0.662.]

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Copper bullion and matte | $35,963.85 | $76,629.14 | $78,767.40 | $55,678.01 | $247,038.40 |
| Goat skins | 54,426.48 | 104,052.58 | 126,411.29 | 68,156.18 | 353,046.53 |
| Horse hair | 6,679.09 | 6,123.19 | 10,417.97 | 10,068.70 | 33,288.95 |
| Ixtle | 41,173.09 | 44,196.82 | 59,871.22 | 21,452.99 | 166,694.12 |
| Kid skins and miscellaneous merchandise | 952.60 | 1,489.63 | 2,988.62 | 1,219.12 | 6,649.97 |
| Silver ores | 585,358.74 | 450,346.48 | 451,930.17 | 380,972.59 | 1,868,607.98 |
| Silver bullion | 15,424.20 | 10,388.05 | 12,299.50 | 9,022.00 | 47,133.75 |
| Total | ---------- | ---------- | ---------- | ---------- | 2,722,459.70 |

United States currency, $1,802,268.32.

# CENTRAL AMERICA.

## HONDURAS.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| OMOA. | | | | | |
| Tropical fruits and nuts | $47,110.86 | $19,616.76 | $29,358.00 | $108,174.15 | $204,259.75 |
| PUERTO CORTES. | | | | | |
| Bird skins | ..... | 1,025.00 | 100.00 | ..... | 1,125.00 |
| Banana flour | ..... | ..... | 400.00 | ..... | 400.00 |
| Bananas | 54,250.00 | 32,380.00 | 48,000.00 | 90,750.00 | 227,380.00 |
| Cocoanuts | 62.00 | 646.00 | 74.00 | 16.00 | 798.00 |
| Coffee | 1,794.80 | 9,910.00 | 2,060.00 | 6,680.00 | 20,494.80 |
| Deerskins | 1,438.50 | 8,350.00 | 3,810.00 | 2,800.00 | 16,398.50 |
| Hides | 323.70 | 560.00 | 710.00 | 460.00 | 2,053.70 |
| Plantains | 3.50 | ..... | ..... | ..... | 3.50 |
| Rubber | 1,137.50 | 2,900.00 | 2,568.00 | 3,250.00 | 9,855.50 |
| Sarsaparilla | 4,963.00 | 12,060.00 | 9,315.00 | 10,800.00 | 37,158.00 |
| Tobacco | ..... | 9,750.00 | ..... | ..... | 9,750.00 |
| Total | ..... | ..... | ..... | ..... | 343,817.00 |
| TRUXILLO. | | | | | |
| Bananas | 26,634.11 | 114.75 | 4,709.15 | 250.00 | 31,708.01 |
| Cocoanuts | 2,027.00 | 2,820.00 | 1,450.85 | 2,010.00 | 8,307.85 |
| Oranges | 592.00 | ..... | ..... | ..... | 592.00 |
| Sarsaparilla | 5,106.50 | 4,822.95 | 6,180.67 | 2,004.64 | 18,114.76 |
| India rubber | 1,160.96 | 1,799.74 | 1,600.22 | 2,481.70 | 7,042.62 |
| Hides | 961.56 | 2,163.55 | 1,589.64 | 1,631.68 | 6,346.43 |
| Deerskins | 458.75 | 3,718.62 | 3,804.90 | 1,479.10 | 9,461.37 |
| Gostskins | 22.40 | 33.14 | ..... | ..... | 55.54 |
| Old copper | 125.00 | ..... | ..... | ..... | 125.00 |
| Pineapples | ..... | 10.00 | ..... | ..... | 10.00 |
| Plantains | ..... | ..... | 250.00 | 250.00 | 500.00 |
| Conch shells | ..... | ..... | ..... | 6.25 | 6.25 |
| Charges (shipping, bailing, etc.) | 564.73 | 664.03 | 817.13 | 378.65 | 3,424.64 |
| Total | 37,653.01 | 16,146.88 | 20,402.56 | 10,492.02 | 84,694.47 |

## NICARAGUA.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| BLUEFIELDS. | | | | | |
| Bananas | $127,230.10 | $142,783.56 | $141,069.28 | ..... | ..... |
| Cocoanuts | 1,173.23 | 6,101.82 | 2,279.28 | ..... | ..... |
| Gold dust | 26,885.39 | 15,460.87 | 19,158.63 | ..... | ..... |
| Mahogany logs | 11,516.67 | 9,375.00 | ..... | ..... | ..... |
| Rubber | 21,981.48 | 49,787.50 | 60,355.83 | ..... | ..... |
| Hides | ..... | 340.99 | 428.90 | ..... | ..... |
| Copper | ..... | 16.32 | ..... | ..... | ..... |
| Samples | ..... | 5.82 | ..... | ..... | ..... |
| Turtle shells | ..... | 1,160.50 | ..... | ..... | ..... |
| Samples of wood | ..... | ..... | 25.40 | ..... | ..... |
| Total | 188,786.32 | 225,032.88 | 223,317.32 | ..... | $637,136.57 |
| SAN JUAN DEL NORTE. | | | | | |
| Coffee | 70,022.00 | ..... | 73,431.00 | $189,194.00 | 332,647.00 |
| Cocoanuts | 515.00 | 386.00 | 559.00 | 638.00 | 2,098.00 |
| Feathers | 319.00 | 49.00 | ..... | ..... | 368.00 |
| Gold | 7,114.00 | 3,430.00 | 4,239.00 | 524.00 | 15,307.00 |
| Hides | 9,242.00 | 14,118.00 | 10,365.00 | 4,017.00 | 37,742.00 |
| Indigo | 1,550.00 | 4,544.00 | ..... | ..... | 6,094.00 |
| Rubber | 19,535.00 | 35,330.00 | 32,408.00 | 21,658.00 | 108,931.00 |
| Skins | 9,807.00 | 5,056.00 | 1,303.00 | 120.00 | 16,286.00 |
| Tortoise shells | 381.00 | ..... | ..... | ..... | 381.00 |
| Copper | ..... | 103.00 | ..... | 67.00 | 170.00 |
| Iguana skins | ..... | ..... | 23.00 | ..... | 23.00 |
| Seba nuts | ..... | ..... | 15.00 | ..... | 15.00 |
| Birds | ..... | ..... | ..... | 24.00 | 24.00 |
| Total | ..... | ..... | ..... | ..... | 520,086.00 |

## SALVADOR.

*Statements showing the commerce of Salvador during the year 1892.*

IMPORTS BY ARTICLES.

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Cotton thread | $21,009.38 | Lumber | $1,464.97 |
| Cotton cloth | 856,457.02 | Furniture and wooden goods | 31,949.19 |
| Diverse articles | 239,818.19 | Marble, cut | 1,382.80 |
| Free articles | 310,885.39 | Machinery | 40,027.93 |
| Beer and ale | 88,937.98 | Petroleum | 27,661.45 |
| Glassware | 8,472.23 | Hemp thread | 1,407.36 |
| Shoes and shoemakers' goods | 18,768.96 | Hemp cloth | 416.20 |
| Edibles | 93,041.36 | Paper and stationery | 23,585.15 |
| Drugs and medicines | 78,656.37 | Silk thread | 27,012.86 |
| Hardware | 160,891.20 | Silk cloth | 52,160.14 |
| Flour | 202,904.54 | Panama hats | 34,285.55 |
| Jewelry | 1,952.85 | Hats, other kinds | 15,360.29 |
| Linen thread | 2,952.31 | Bags, empty | 18,296.14 |
| Linen cloth | 10,266.80 | Cotton stuffs, mixed | 5,840.96 |
| Wool thread | 427.00 | Cigars and cigarettes | 1,480.41 |
| Wool cloth | 56,498.60 | Wines | 114,085.17 |
| China and earthen ware | 30,894.42 | Stearic candles | 1,323.67 |
| Printed books | 1,493.00 | Perfumery | 8,796.17 |
| Liquors | 72,844.65 | Marble, uncut | ..... |
| Coin | 143,376.53 | | |
| Haberdashers' goods | 5,875.18 | Total | 2,757,963.58 |

*Statement showing the commerce of Salvador during the year 1892*—Continued.

EXPORTS BY ARTICLES.

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Indigo | $1,151,170.00 | Coin | $550,682.00 |
| Sugar | 164,094.00 | Silver (bars) | 149,872.25 |
| Rice | 3,559.00 | Brown sugar (panela) | 255.56 |
| Starch | 460.50 | Mats | 116.00 |
| Diverse articles | 6,114.95 | Cotton shawls (rebosos) | 12,969.50 |
| Balsam | 55,785.99 | Straw hats (palm leaf) | 1,889.68 |
| Mineral ores | 715.00 | Tobacco: | |
| Coffee | 4,526,757.50 | Leaf | 30,644.50 |
| Hides | 19,473.00 | Cigars, etc | 108,040.94 |
| Deer skins | 13,266.35 | Cut | 19,831.02 |
| Edibles | 668.25 | Stearic candles | 980.00 |
| Beans | 397.75 | Silk shawls (rebosos) | 850.00 |
| India rubber | 10,583.10 | Seeds | 317.20 |
| Cordage | 304.75 | | |
| Dyewood (mora) | 8,460.00 | Total | 6,838,258.74 |

IMPORTS BY ARTICLES AND COUNTRIES.

| Articles. | From— | | | |
|---|---|---|---|---|
| | Guatemala. | Honduras. | Nicaragua. | Costa Rica. |
| Cotton cloth | $49.50 | | | |
| Diverse articles | 341.16 | $137.50 | $4,287.80 | |
| Articles free of duty | 4,045.65 | 4,215.00 | 100,641.29 | $117.80 |
| Beer | 250.00 | | | |
| Shoes and shoemakers' goods | 294.00 | | 50.00 | |
| Edibles | 43.60 | 2,040.46 | 4,134.50 | 371.13 |
| Drugs and medicines | 7.80 | | 6.80 | 270.00 |
| Hardware | 77.15 | | 50.00 | |
| Coined silver | | 10,000.00 | 600.00 | |
| Haberdashers' goods | | | 245.75 | |
| Furniture and wooden articles | 24.80 | | | |
| Marble, cut | 14.00 | | | |
| Machinery | 45.65 | | | |
| Stationery | 62.00 | | | |
| Bagging | 75.00 | | | |
| Tobacco and cigars | 152.00 | | | |
| Total | 5,482.31 | 16,638.71 | 109,770.39 | 758.93 |

| Articles. | From— | | | |
|---|---|---|---|---|
| | Colombia. | Ecuador. | Peru. | Chile. |
| Cotton thread | $192.00 | | | |
| Cotton cloth | 854.40 | | | |
| Divers articles | 678.30 | $30.61 | | |
| Free articles | 1,587.79 | 44.87 | | |
| Edibles | 874.75 | 5,966.00 | | $54.72 |
| Drugs and medicines | 208.38 | | | |
| Hardware | 538.39 | | | |
| Silver coin | 123,000.00 | | | |
| Liquors | | | $50.40 | |
| Furniture and wooden articles | 151.75 | | | |
| Silk stuffs | | | 220.01 | |
| Panama hats (jipijapa) | | 32,475.55 | 1,120.00 | |
| Hats, other sorts | | 500.00 | | |
| Cigars and cigarettes | 407.00 | | | |
| Wines | 209.25 | | | |
| Total | 128,702.01 | 39,017.03 | 1,390.41 | 54.72 |

*Statement showing the commerce of Salvador during the year 1892*—Continued.

IMPORTS BY ARTICLES AND COUNTRIES.

| Articles. | From— | | |
|---|---|---|---|
| | Mexico. | Cuba. | China |
| Diverse articles | | | $1,9 |
| Free articles | | | 3 |
| Shoes and shoemakers' goods | $330.33 | | |
| Liquors | 45.60 | | |
| Silver coin | 600.00 | | |
| Paper and stationery | | | 11,8 |
| Silk thread | | | 6,2 |
| Tobacco | 165.00 | $487.87 | |
| Wines | 86.00 | | |
| Total | 1,226.93 | 487.87 | 20,3 |

| Articles. | From— | | | |
|---|---|---|---|---|
| | United States. | Great Britain. | Germany. | France |
| Cotton thread | $1,166.35 | $16,153.48 | $631.70 | $2,0 |
| Cotton cloth | 86,883.62 | 559,282.28 | 33,517.59 | 144,2 |
| Diverse articles | 49,225.11 | 87,364.06 | 42,206.46 | 46,1 |
| Free articles | 145,027.43 | 34,198.20 | 10,950.34 | 8,3 |
| Beer and ale | 15,642.99 | 2,710.90 | 15,463.44 | 4,7 |
| Glassware | 2,319.89 | 783.41 | 3,582.02 | 1,5 |
| Shoes and shoemakers' goods | 1,161.65 | 1,836.14 | 5,957.72 | 7,9 |
| Edibles | 34,869.78 | 8,720.79 | 9,949.13 | 14,7 |
| Drugs and medicines | 30,635.89 | 12,705.78 | 9,457.17 | 22,1 |
| Hardware | 33,992.72 | 58,797.11 | 48,971.67 | 14,9 |
| Flour | 202,904.54 | | | |
| Jewelry | 948.98 | | 91.66 | 6 |
| Linen thread | | 2,629.81 | | |
| Linen cloth | 45.32 | 5,930.44 | 1,069.27 | 7 |
| Wool thread | 32.50 | 40.50 | 288.00 | |
| Wool cloth | 949.50 | 29,258.46 | 5,241.02 | 19,9 |
| China and earthenware | 426.26 | 1,452.85 | 21,828.01 | 4,8 |
| Printed books | 101.48 | 231.60 | 211.15 | 6 |
| Liquors | 12,440.16 | 6,240.00 | 10,677.54 | 39,2 |
| Coin | 7,000.00 | 2,000.00 | | 1 |
| Haberdashers' goods | 25.67 | 466.39 | 2,017.48 | 8,1 |
| Lumber | 553.38 | .54 | 4.24 | 8 |
| Furniture and wooden goods | 16,191.79 | 2,501.88 | 9,059.87 | 3,0 |
| Marble, cut | 245.40 | 6.22 | 267.34 | 4 |
| Machinery | 15,799.12 | 4,635.60 | 209.46 | 19,2 |
| Petroleum | 27,428.19 | 173.10 | | |
| Hemp thread | 954.00 | 188.56 | 226.05 | |
| Hemp cloth | 90.60 | 80.05 | 240.15 | |
| Paper and stationery | 3,466.78 | 3,423.70 | 4,729.48 | 8,5 |
| Silk thread | 12,534.81 | 10.00 | 2,752.00 | |
| Silk cloth | 17,078.94 | 9,009.47 | 4,859.48 | 13,8 |
| Panama hats | 690.00 | | | |
| Hats, other kinds | 2,048.16 | 4,951.18 | 1,253.10 | 6,4 |
| Bags, empty | 3,114.55 | 8,814.81 | 3,481.38 | 2,3 |
| Cotton stuffs, mixed | | 4,307.50 | 1,138.46 | 3 |
| Cigars and cigarettes | 144.00 | 73.00 | | |
| Wines | 31,431.46 | 9,662.87 | 17,063.03 | 32,0 |
| Stearic candles | 54.72 | 69.66 | 865.35 | 3 |
| Perfumery | 732.20 | 342.96 | 115.97 | 2,4 |
| Total | 758,258.94 | 878,774.14 | 268,376.73 | 426,4 |

*Statement showing the commerce of Salvador during the year 1892*—Continued.

EXPORTS BY ARTICLES AND COUNTRIES—Continued.

| Articles. | From— | | | |
|---|---|---|---|---|
| | Italy. | Spain. | Belgium. | Switzerland. |
| Cotton thread | $760.30 | $43.00 | | |
| Cotton cloth | 30,941.09 | 335.40 | | |
| Diverse articles | 6,215.44 | 977.80 | $255.80 | |
| Free articles | 603.80 | 722.95 | | |
| Beer | 98.70 | | | |
| Glassware | 183.00 | 68.40 | | |
| Shoes and shoemaker's goods | 980.00 | 181.20 | | |
| Edibles | 6,528.27 | 4,786.68 | | |
| Drugs and medicines | 2,904.12 | 262.05 | | |
| Hardware | 1,034.75 | 1,804.96 | 706.29 | |
| Jewelry | 208.90 | | | $10.60 |
| Linen thread | 322.50 | | | |
| Linen cloth | 87.00 | | 2,405.62 | |
| Wool thread | 66.00 | | | |
| Wool cloth | 665.50 | 85.20 | 314.23 | |
| China and earthenware | 136.32 | 715.20 | 1,510.64 | |
| Printed books | | 328.72 | | |
| Liquors | 1,158.60 | 2,986.91 | | |
| Furniture | 943.35 | 71.50 | | |
| Marble, cut | 363.54 | | | |
| Machinery | 3.26 | 4.02 | 50.00 | |
| Hemp | | 5.80 | | |
| Paper and stationery | 3,240.96 | 129.50 | | |
| Silk goods | 745.70 | 180.00 | | |
| Hats, felt and straw | 204.20 | | | |
| Bags, empty | 446.45 | | | |
| Wines | 10,133.20 | 13,553.78 | | |
| Perfumery | | 106.80 | | |
| Total | 68,974.05 | 27,349.87 | 5,242.58 | 10.60 |

EXPORTS BY ARTICLES AND COUNTRIES.

| Articles. | To— | | | |
|---|---|---|---|---|
| | Guatemala. | Honduras. | Nicaragua. | Costa Rica. |
| Indigo | $12,552.00 | $4,733.50 | | |
| Sugar | 47,600.00 | 17,472.00 | $93,387.00 | |
| Rice | | 141.25 | 3,417.84 | |
| Starch | 311.00 | 12.00 | | $137.50 |
| Diverse articles | 1,776.12 | 513.75 | 2,101.96 | 300.00 |
| Balsam | 396.00 | | | |
| Coffee | | 1,500.00 | 321.00 | |
| Edibles | 165.00 | 48.00 | 430.00 | |
| Beans | 397.75 | | | |
| Cordage | | 13.50 | 291.25 | |
| Coin | 341,550.00 | 53,725.00 | 139,775.00 | 232.00 |
| Brown sugar (panela) | | | 255.56 | |
| Mats | | 96.00 | 20.00 | |
| Cotton shawls (rebosos) | 1,126.00 | 48.00 | 11,795.50 | |
| Straw hats | | 3.00 | 1,886.63 | |
| Tobacco: | | | | |
| Leaf | 880.00 | | 16,579.50 | 13,185.00 |
| Cigars | 82.00 | 5,060.00 | 4,836.94 | 98,062.00 |
| Cut | 3.00 | | | 19,828.02 |
| Silk shawls (rebosos) | 850.00 | | | |
| Stearic candles | | 855.00 | 125.00 | |
| Seeds | 304.00 | | | 13.20 |
| Total | 407,992.87 | 84,221.00 | 275,223.18 | 131,757.72 |

*Statement showing the commerce of Salvador during the year 1892*—Continued.

EXPORTS BY ARTICLES AND COUNTRIES—Continued.

| Articles. | To— | | | |
|---|---|---|---|---|
| | Colombia. | Ecuador. | Peru. | Chile. |
| Indigo | $5,062.50 | $8,882.00 | $19,012.50 | $4,885.00 |
| Diverse articles | 68.72 | | | |
| Coffee | 1,092.00 | | | 25,305.00 |
| Edibles | 19.50 | | | |
| Silver coin | 2,000.00 | 8,400.00 | | |
| Total | 8,242.72 | 17,282.00 | 19,012.50 | 30,190.00 |

| Articles. | To— | | | |
|---|---|---|---|---|
| | United States. | Great Britain. | Germany. | France. |
| Indigo | $18,305.00 | $275,547.00 | $115,513.50 | $402,867.00 |
| Diverse articles | 1,078.90 | 5.00 | 270.50 | |
| Balsam | 16,882.00 | 5,163.00 | 28,578.90 | 4,766.00 |
| Mineral ores | 15.00 | | 706.00 | |
| Coffee | 2,721,735.25 | 361,907.25 | 631,385.50 | 537,903.00 |
| Hides | 7,861.00 | | 10,458.00 | |
| Deer skins | 12,300.70 | 312.00 | 464.35 | |
| Edibles | | | 5.75 | |
| India rubber | 10,471.50 | | 111.60 | |
| Dyewood (Mora) | | | | 8,460.00 |
| Coin | | 5,000.00 | | |
| Silver bars | | 149,872.25 | | |
| Total | 2,878,649.35 | 797,812.25 | 787,482.35 | 953,996.00 |

| Articles. | To— | |
|---|---|---|
| | Italy. | Spain. |
| Indigo | $173,045.00 | $20,765.00 |
| Coffee | 232,537.50 | 1,888.50 |
| Hides | 1,154.00 | |
| Deer skins | 189.30 | |
| Total | 406,925.80 | 22,653.50 |

Besides the foregoing, sugar was exported to Mexico to the value of $5,635 and coffee to Australia to the value of $11,182.50.

RECAPITULATION.

*Imports and exports by countries.*

| Countries. | Imports. | Exports. | Countries. | Imports. | Exports. |
|---|---|---|---|---|---|
| Guatemala | $5,482.31 | $407,992.87 | Great Britain | $879,393.30 | $797,812.25 |
| Honduras | 16,638.71 | 84,221.00 | Germany | 268,376.73 | 787,482.35 |
| Nicaragua | 109,770.39 | 275,223.18 | France | 426,441.12 | 953,996.00 |
| Costa Rica | 758.93 | 131,757.72 | Italy | 63,974.95 | 406,925.80 |
| Ecuador | 39,017.03 | 17,282.00 | Spain | 27,349.87 | 22,653.50 |
| Peru | 1,390.41 | 19,012.50 | Belgium | 5,242.58 | |
| Chile | 54.72 | 30,190.00 | Switzerland | 10.60 | |
| Mexico | 1,226.93 | 5,635.00 | Australia | | 11,182.50 |
| Cuba | 487.87 | | Colombia | 128,702.01 | 8,242.72 |
| China | 20,386.15 | | | | |
| United States | 758,258.94 | 2,878,649.35 | Total | 2,757,963.55 | 6,838,258.74 |

*Imports and exports, 1885–1892.*

| Year. | Imports. | Exports. | Year. | Imports. | Exports. |
|---|---|---|---|---|---|
| 1885 | $2,134,095 | $5,716,423 | 1889 | $2,878,000 | $5,847,000 |
| 1886 | 2,427,643 | 4,574,649 | 1890 | 2,005,310 | 3,967,080 |
| 1887 | 3,343,824 | 5,242,697 | 1891 | 2,870,600 | 5,380,000 |
| 1888 | 4,076,404 | 6,707,024 | 1892 | 2,757,964 | 6,838,259 |

*Principal exports from Salvador, 1886–1892.*

[The peso, on July 1, 1892, was valued at 64.9 cents, and on July 1, 1893, at 60.4 cents, American gold.]

| Articles. | 1886. | | 1887. | | 1888. | |
|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| | *Pounds.* | *Pesos.* | *Pounds.* | *Pesos.* | *Pounds.* | *Pesos.* |
| Coffee | 30,552,720 | 5,024,282.53 | 10,518,760 | 2,741,497.62 | 26,525,442 | 4,589,197.19 |
| Indigo | 1,787,796 | 1,603,952.00 | 1,798,696 | 1,621,784.00 | 1,745,376 | 1,404,770.00 |
| Sugar | 2,160,190 | 108,138.92 | 1,790,964 | 128,643.59 | 1,790,772 | 196,359.50 |
| Balsam | 119,758 | 115,856.00 | 72,468 | 78,943.00 | 62,564 | 77,560.50 |
| Tobacco | 96,772 | 41,160.82 | 164,694 | 69,582.15 | 178,632 | 72,131.63 |
| India rubber | 70,826 | 20,844.44 | 64,694 | 19,026.90 | 44,638 | 13,860.53 |
| Mora wood | 913,472 | 10,319.26 | 877,398 | 9,211.00 | 2,472,622 | 21,382.60 |
| Rice | 520,092 | 20,849.55 | 76,526 | 3,777.94 | 196,744 | 14,233.26 |

| Articles. | 1889. | | 1890. | | 1891. | |
|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| | *Pounds.* | *Pesos.* | *Pounds.* | *Pesos.* | *Pounds.* | *Pesos.* |
| Coffee | 16,463,264 | 3,545,763.85 | 17,562,120 | 4,268,749.04 | 26,792,792 | 4,806,428.97 |
| Indigo | 1,516,738 | 1,254,200.50 | 1,406,620 | 1,053,352.09 | 1,214,216 | 892,092.89 |
| Sugar | 3,974,884 | 309,930.40 | 3,767,884 | 290,155.75 | 1,098,408 | 236,096.28 |
| Balsam | 60,284 | 71,898.00 | 26,271 | 35,783.00 | 50,074 | 40,433.07 |
| Tobacco | 454,470 | 131,946.10 | 1,608,186 | 211,450.92 | 850,328 | 246,013.85 |
| India rubber | 46,852 | 10,714.40 | 55,858 | 15,507.02 | 33,286 | 7,656.18 |
| Mora wood | 2,192,760 | 19,936.75 | 2,592,800 | 23,800.00 | 1,558,680 | 27,442.00 |
| Rice | 218,724 | 16,089.75 | 162,392 | 8,270.35 | 352,636 | 12,873.64 |

| Articles. | 1892. | | Total value for the seven years. |
|---|---|---|---|
| | Quantity. | Value. | |
| | *Pounds.* | *Pesos.* | *Pesos.* |
| Coffee | 25,100,204 | 4,526,757.50 | 29,502,676.70 |
| Indigo | 1,386,260 | 1,151,170.00 | 8,981,321.48 |
| Sugar | 1,726,708 | 164,094.00 | 1,433,418.44 |
| Balsam | 53,208 | 55,785.99 | 476,259.56 |
| Tobacco | 480,578 | 158,516.46 | 930,801.93 |
| India rubber | 46,310 | 10,583.10 | 98,192.57 |
| Mora wood | 833,540 | 8,460.00 | 120,551.61 |
| Rice | 57,714 | 3,559.00 | 79,653.49 |

G. J. DAWSON,
*Vice-Consul.*

U. S. CONSULATE,
*San Salvador, June, 1893.*

# SOUTH AMERICA.

## BRAZIL.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **BAHIA.** | | | | | |
| Brazilwood | $3,290.56 | $5,439.37 | $10,606.16 | $1,886.77 | $21,222.86 |
| Balsam copaiva | 2,298.42 | 12,026.88 | 965.96 | 576.07 | 15,867.33 |
| Cocoa | 444,871.28 | 219,443.96 | 204,190.49 | 11,714.52 | 880,220.25 |
| Coffee | | 6,184.15 | | | 6,184.15 |
| Carbon | 10,917.31 | 23,688.59 | 21,837.68 | 23,076.31 | 79,519.89 |
| Feathers | | | | 172.50 | 172.50 |
| Mandioca | | | | 1,022.39 | 1,022.39 |
| Piassava | 6,217.78 | 14,012.77 | 1,172.05 | 5,664.50 | 27,067.10 |
| Rosewood | 13,927.19 | 2,000.82 | | 2,053.47 | 17,981.48 |
| Rubber | | 17,312.26 | 16,262.93 | 11,492.20 | 45,067.39 |
| Silver (old) | | | 325.00 | | 325.00 |
| Skins | 547,242.32 | 146,421.90 | 89,959.50 | 89,771.95 | 873,395.67 |
| Sticks | 3,118.31 | 936.67 | 96.33 | 679.56 | 4,830.87 |
| Sugar | 89,126.35 | 47,347.42 | 167,536.60 | 164,062.25 | 468,072.62 |
| Total | | | | | 2,440,949.50 |
| **CEARA.** | | | | | |
| Skins | 252,510.52 | | | | 257,809.69 |
| Feathers | 250.00 | | | | |
| Wool | 142.50 | | | | |
| Rubber | 3,600.60 | | | | |
| Carnauba wax | 961.30 | | | | |
| Rosin | 344.77 | | | | |
| Goat and sheep skins | | 117,299.51 | | | 118,229.32 |
| Bones | | 291.20 | | | |
| Bird skins | | 157.65 | | | |
| Jaborandy leaves | | 440.00 | | | |
| Genipapa wine | | 40.96 | | | |
| Goat and sheep skins | | | 179,621.14 | | 182,468.10 |
| Jaborandy leaves | | | 134.75 | | |
| Wax | | | 2,637.21 | | |
| Birds feathers | | | 75.00 | | |
| Rubber | | | | 1,799.41 | 339,062.59 |
| Coffee | | | | 1,311.87 | |
| Carnauba wax | | | | 4,442.55 | |
| Ostrich feathers | | | | 300.00 | |
| Bones | | | | 300.82 | |
| Wool | | | | 77.10 | |
| Goat and sheep skins | | | | 330,830.84 | |
| Total | | | | | 897,569.70 |
| **PARA.** | | | | | |
| Alligator skins | 96.55 | 66.15 | | | 162.70 |
| Apparatus for light | | | | 33.76 | 33.76 |
| Butter | 2,715.10 | 1,046.60 | | | 3,761.70 |
| Balsam copaiva | 5,037.41 | 2,289.78 | 443.16 | 2,346.56 | 10,116.91 |
| Beans: | | | | | |
| Tonka | 88.66 | 989.07 | 274.63 | 16.18 | 1,368.54 |
| Castor | 66.80 | 3,385.85 | 1,998.15 | 2,082.98 | 7,533.78 |
| Brazil nuts | 86,919.66 | 6,518.03 | 41,970.53 | 40,415.05 | 176,123.29 |
| Cocoa | 10,517.37 | | | 11,315.47 | 21,832.84 |
| Carnauba wax | 116.64 | | | 824.97 | 941.61 |
| Cachaca | | | 63.64 | | 63.64 |
| Deer skins | 21,726.89 | 14,255.55 | 18,348.80 | 25,202.33 | 79,533.57 |
| Feathers: | | | | | |
| Egret | 3,182.69 | 5,595.50 | 2,084.68 | 1,188.26 | 12,051.13 |
| Ostrich | | | 1,634.80 | 1,778.08 | 3,412.88 |
| Goat skins | 1,510.26 | | 1,029.76 | | 2,540.02 |
| Guarana | 1,964.62 | 169.05 | 619.49 | 4,630.06 | 7,383.22 |
| Hides | 6,617.03 | | 22,869.88 | | 29,486.91 |
| Hair | 887.71 | 470.20 | | 387.95 | 1,745.86 |
| Horse hair | | | 1,554.92 | | 1,554.92 |
| Hats: | | | | | |
| Chile | 258.03 | | | | 258.03 |
| Straw | | | 421.20 | 837.52 | 1,258.72 |
| Ipecac root | 18.60 | | | | 18.60 |
| Jatoba resin | 132.16 | | | | 132.16 |
| Manaca root | | 81.14 | | | 81.14 |
| Oil copaiva | 2,436.28 | 229.61 | | | 2,665.89 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **PARA—continued.** | | | | | |
| Objects natural history | | $21.56 | | | $21.56 |
| Piassava | | | $6,468.81 | | 6,468.81 |
| Roots, medicinal | | | | $317.00 | 317.00 |
| Rubber | $2,359,350.26 | 4,379,908.75 | 5,373,741.37 | 2,779,008.02 | 14,892,008.40 |
| Skins: | | | | | |
| Goat, sheep, and lizard assorted | | | | 2,541.72 | 2,541.72 |
| Sheep | | | 140.80 | | 140.80 |
| Sarsaparilla | | | 1,594.32 | 254.21 | 1,848.53 |
| Urucu | 183.78 | | | | 183.78 |
| Total | 2,503,826.47 | 4,415,326.84 | 5,475,258.94 | 2,873,180.12 | 15,267,592.37 |
| **RIO DE JANEIRO.** | | | | | |
| American goods, reexported | 175.45 | 1,482.50 | | | 1,657.95 |
| Canned fruits | | | | 239.12 | 239.12 |
| Coffee | 11,488,974.08 | 10,610,295.29 | 9,326,324.40 | 7,334,258.00 | 38,759,851.77 |
| Jaborandy | | | 62.50 | | 62.50 |
| Live plants | | | | 762.00 | 762.00 |
| Mules | 100.00 | | 25.00 | | 125.00 |
| Palm seeds | | 220.00 | | 875.00 | 1,095.00 |
| Rosewood | 9,110.03 | | | | 9,110.03 |
| Skins, returned | | | 619.92 | | 619.92 |
| Scales, returned | | | | 150.00 | 150.00 |
| Sugar | | | | 60,734.56 | 60,734.56 |
| Skins of goats | | | | 205.10 | 205.10 |
| Typewriters and fixtures, returned | 94.84 | | | | 94.84 |
| Total | 11,498,453.20 | 10,611,997.79 | 9,327,031.82 | 7,397,223.78 | 38,834,707.79 |
| **PERNAMBUCO.** | | | | | |
| Castor oil seed | 1,578.40 | 21,968.87 | 17,975.43 | 15,276.11 | 56,798.81 |
| Cotton | | | 4,469.58 | | 4,469.58 |
| Feathers | 59.18 | | 575.00 | | 634.18 |
| Hides | 11,809.03 | 14,615.36 | 10,230.68 | 270.00 | 36,925.07 |
| Oxtails | | 14.00 | 40.00 | | 54.00 |
| Rosin | 22.26 | | | | 22.26 |
| Rubber | 7,949.21 | 4,707.00 | 367.23 | 63.00 | 13,086.44 |
| Salt | | 1,641.95 | 3.00 | | 1,644.95 |
| Skins | 206,458.36 | 143,538.77 | 175,712.98 | 222,115.66 | 747,826.27 |
| Sugar | | 537,427.38 | 211,330.57 | 448,849.01 | 1,197,606.96 |
| Wax (Carnauba) | 242.01 | 153.00 | 3,003.00 | | 3,398.01 |
| Total | 228,118.95 | 724,066.33 | 423,707.47 | 686,573.78 | 2,062,466.53 |
| **RIO GRANDE DO SUL.** | | | | | |
| Guestock | 11,463.13 | 3,600.34 | 7,120.96 | 2,327.30 | 24,511.73 |
| Hair | 13,059.66 | 65,387.71 | 44,997.76 | 17,679.30 | 141,124.43 |
| Hides, dry cattle | 3,399.43 | | 8,055.19 | | 11,454.62 |
| Hoofs | 5.23 | | | | 5.23 |
| Horns | 1,033.12 | | 636.30 | | 1,669.42 |
| Hornpiths | 391.78 | | | 128.80 | 520.58 |
| Nutria skins | 82.08 | | 103.14 | | 185.22 |
| Shinbones | 190.55 | | | | 190.55 |
| Sounds (fish bladders) | 1,642.61 | 1,203.66 | 2,216.23 | 523.95 | 5,586.45 |
| Wool | 11,901.47 | | 4,396.23 | | 16,387.70 |
| Idem, in transit for Canada | | | 37,625.79 | 26,310.57 | 63,936.36 |
| Total | 43,259.06 | 70,191.71 | 105,151.60 | 46,969.92 | 265,572.29 |
| **VICTORIA.** | | | | | |
| Coffee | 35,355.00 | 33,576.00 | 40,213.00 | 34,183.00 | 143,327.00 |

## BRITISH GUIANA.

*Statement showing the imports and exports at Demerara for the calendar year ending December 31, 1892.*

IMPORTS.

| Description. | Quantity. | Value entered. | Duties. | | Whence imported. |
|---|---|---|---|---|---|
| | | | Rate. | Amount. | |
| Arrowroot ..... pounds.. | 390,584 | $17,718.43 | Per pound, ½ cent..... | $1,952.92 | United Kingdom, British West Indies, Bermuda, East India, and Portuguese Possessions. |
| Bacon ..... do.... | 38,896 | 5,250.40 | Per pound, 1 cent..... | 401.53 | United Kingdom, United States, and Portuguese Possessions. |
| Beef, dried ..... do.... | 21½ | 4.00 | Per pound, 2 cents.... | .43 | United Kingdom. |
| Beef, pickled...barrels of 200 pounds.. | 1,701 38/100 | 21,484.03 | Per gallon, $1.50 ..... | 2,551.80 | United Kingdom, United States, and Holland. |
| Do ..... do.... | 10,314 99/100 | 121,395.98 | Per gallon, $1.12½ ..... | 11,503.43 | Do. |
| Blue, laundry ..... pounds.. | 47,026 | 2,130.06 | Per pound, ½ cent .... | 235.13 | United Kingdom. |
| Bran and middlings ..... do.... | 13,765 | 469.98 | Per pound, 5 cents.... | 68.81 | United Kingdom, United States. |
| Bread and crackers, short..... do.... | 63,798 | 2,997.23 | Per 100 lbs., 50 cents.. | 319.24 | United Kingdom, United States, British West Indies, East India, Holland. |
| Do ..... do.... | 457,856 | 22,519.52 | Per 100 lbs., 25 cents.. | 1,144.64 | United Kingdom. |
| Bricks ..... number.. | 2,040,209 | 29,087.47 | Per 1,000 pounds, $1... | 2,040.20 | United Kingdom, British West Indies. |
| Buckets and pails ..... dozen.. | 3,218 8/12 | 5,246.37 | Per dozen, 25 cents ... | 804.87 | United Kingdom, United States. |
| Butter ..... pounds.. | 586,269½ | 113,212.67 | Per pound, 2 cents.... | 11,725.39 | United Kingdom, United States, British North America, British West Indies, France. |
| Candles: | | | | | |
| Tallow ..... pounds.. | 4,280 | 420.70 | Per pound, 1 cent..... | 42.80 | United States. |
| Other than tallow ..... do.... | 97,089½ | 8,785.07 | Per pound, 5 cents.... | 4,854.49 | United Kingdom, Portuguese Possessions. |
| Cattle ..... number.. | 156 | 6,376.00 | Per head, $5 ..... | 780.00 | United States, Venezuela, and British West Indies. |
| Cement ..... barrels.. | 14,436½ | 27,784.73 | Per barrel, 25 cents... | 3,609.15 | United Kingdom. |
| Cheese ..... pounds.. | 321,342½ | 40,384.43 | Per pound, 1 cent..... | 3,891.31 | United Kingdom, United States, Holland, France, Portuguese Possessions. |
| Chloral hydrate ..... do.... | 21¾ | 22.94 | Per pound, 30 cents... | 6.51 | United Kingdom. |
| Chlorodyne ..... do.... | 137½ | 727.19 | Per pound, 72 cents .. | 98.88 | Do. |
| Chloroform ..... do.... | 555½ | 383.15 | .....do ..... | 399.90 | Do. |
| Chocolate ..... do.... | 8,185½ | 1,752.23 | Per pound, 4 cents.... | 127.41 | United Kingdom, British West Indies, Holland, Portuguese Possessions. |
| Cigars and cigarettes ..... do.... | 10,585 47/100 | 20,913.23 | Per pound, $1.20 ..... | 12,702.72 | United Kingdom, United States, British West Indies, East Indies, Holland, France, Dutch Guiana, Spanish West Indies. |
| Coals: | | | | | |
| In hogsheads ..... number.. | 202¾ | 640.68 | Per hogshead, 32 cents | 64.85 | United Kingdom. |
| Loose ..... tons.. | 66,382½ | 296,742.11 | Per ton, 50 cents..... | 33,191.30 | United Kingdom and United States. |
| Cocoa ..... pounds . | 83,768 | 7,705.34 | Per pound, 1½ cents .. | 1,256.56 | British West Indies and Dutch Guiana. |
| Coffee ..... do.... | 245,171½ | 33,398.32 | .....do ..... | 3,677.60 | British West Indies, Dutch Guiana, United Kingdom, and United States. |
| Collodion ..... gallons.. | 1 1/8 | 1.28 | Per gallon, $5 ..... | 1.25 | United Kingdom. |
| Confectionery ..... pounds.. | 85,798 | 10,643.45 | Per pound, 5 cents.... | 4,288.90 | United Kingdom, British West Indies, British North America, United States, Holland, Dutch Guiana, France, French Guiana, Portuguese Possessions. |

| | | | | | |
|---|---|---|---|---|---|
| Cordage ..... cwt.. | 2,033.$\frac{100}{100}$ | 26,429.15 | Per cwt., $1 ..... | 2,033.76 | United Kingdom, United States, and British North America. |
| Corks, cut ..... pounds.. | 16,924 | 4,060.87 | Per pound, 10 cents... | 1,693.40 | United Kingdom and Portuguese Possessions. |
| Corn ..... bushels.. | 8,873.$\frac{70}{100}$ | 6,937.48 | Per bushel, 10 cents .. | 887.33 | United States. |
| Do ..... do.... | 24,236 | 15,760.16 | Per bushel, 7½ cents .. | 1,817.69 | Do. |
| Corn brooms ..... dozen.. | 358 | 580.45 | Per dozen, 20 cents.... | 71.60 | Do. |
| Cornmeal and oatmeal ..... pounds.. | 164,408 | 3,110.94 | Per 100 lbs., 25 cents . | 411.02 | United States, United Kingdom, British West Indies, Portuguese Possessions. |
| Do ..... do.... | 1,220,344 | 22,966.92 | Per 100 lbs.. 18½ cents. | 2,257.65 | United States, United Kingdom. |
| Crush feed and ground feed .. bushels.. | 4,780.$\frac{80}{100}$ | 3,071.13 | Per bushel, 10 cents .. | 478.02 | United States. |
| Dogs ..... number.. | 41 | 537.02 | Per head, $5 ..... | 205.00 | United Kingdom, British West Indies. |
| Donkeys ..... do.... | 1 | 12.06 | Per head, $1 ..... | 1.00 | Dutch Guiana. |
| Dynamite, gun cotton, lithofracteur, etc., pounds. | 33,370½ | 6,419.13 | Per pound, 4 cents.... | 1,334.81 | United Kingdom, United States, British West Indies, and Portuguese Possessions. |
| Essences, flavoring ..... pints. | 374.$\frac{88}{100}$ | 532.42 | Per pint, 30 cents..... | 105.85 | United Kingdom, United States, and Portuguese Possessions. |
| Ether, sulphuric ..... gallons.. | 66.$\frac{55}{100}$ | 138.16 | Per gallon, $3..... | 198.59 | United Kingdom. |
| Fish: | | | | | |
| Dried ..... cwt.. | 65,502.$\frac{77}{100}$ | 274,414.66 | Per cwt., 50 cents .... | 32,751.44 | United Kingdom, British North America, British West Indies, and United States. |
| Pickled, salmon ..... barrels.. | 131.$\frac{33}{100}$ | 1,370.38 | Per barrel, $2..... | 262.33 | Do. |
| Pickled, mackerel ..... do.... | 1,190.$\frac{75}{100}$ | 6,911.90 | Per barrel, $1..... | 1,190.63 | British North America, British West Indies, and United States. |
| Pickled, other kinds ..... do.... | 5,874.$\frac{33}{100}$ | 21,966.24 | Per barrel, 25 cents... | 1,464.63 | Portuguese Possessions, British North America, British West Indies, United States, and Dutch Guiana. |
| Preserved in tin ..... pounds.. | 190,393 | 25,642.47 | Per pound, 1 cent .... | 1,903.93 | Portuguese Possessions, British North America, British West Indies, United States, and United Kingdom. |
| Smoked ..... do.... | 158,162 | 4,173.95 | Per pound ½ cent ..... | 790.81 | United States, British North America, and United Kingdom. |
| Flour ..... barrels.. | 36,948½ | 175,856.08 | Per barrel, $1..... | 36,948.25 | United States, British North America, British West Indies, United Kingdom, East India, and Portuguese Possessions. |
| Do ..... do.... | 145,946 | 719,114.20 | Per barrel, 75 cents... | 109,459.49 | United States and British North America. |
| Gauge ..... pounds.. | 10,497 | 5,890.54 | Per pound, $4..... | 41,988.00 | United Kingdom. |
| Garlic ..... do.... | 84,592 | 4,756.25 | Per pound, ½ cent ..... | 211.48 | Portuguese Possessions and East India. |
| Galatin ..... do.... | 321½ | 324.65 | Per pound, 5 cents..... | 16.10 | United Kingdom. |
| Ghee ..... do.... | 87,741 | 8,816.30 | Per pound, 2 cents.... | 1,754.82 | East India. |
| Ginger ..... do.... | 42,423½ | 3,543.66 | .....do ..... | 848.47 | United Kingdom and British West Indies. |
| Goats ..... number.. | 8 | 25.18 | Per head, 25 cents .... | 2.00 | British West Indies. |
| Grain and pulse ..... pounds.. | 98,435½ | 119,048.17 | Per bushel, 5 cents ... | 4,921.79 | United Kingdom, British West Indies, British North America, East India, United States, and France. |
| Gums ..... do.... | 1,376½ | 449.23 | Per pound, 3 cents.... | 41.29 | Do. |
| Gunpowder: | | | | | |
| Not blasting ..... do.... | 6,875 | 1,949.12 | Per pound, 20 cents... | 1,375.00 | Do. |
| For blasting ..... do.... | 2,000 | 163.20 | Per pound, 1 cent..... | 20.00 | Do. |
| Hair ..... do.... | 850 | 70.73 | Per pound, 5 cents.... | 42.50 | United Kingdom. |
| Hams ..... do.... | 43,392 | 4,513.68 | Per pound, 2 cents.... | 867.84 | United Kingdom, United States, British West Indies, and Portuguese Possessions. |
| Do ..... do.... | 233,107 | 27,622.21 | Per pound, 1 cent..... | 2,331.07 | Do. |
| Hay and chaff ..... do.... | 167,145 | 1,036.52 | Per pound, 10 cents.... | 167.15 | United Kingdom and United States. |
| Honey ..... do.... | 1,867½ | 263.58 | Per pound, 5 cents.... | 93.37 | United Kingdom, United States, and Portuguese Possessions |
| Hoops: | | | | | |
| Wood ..... number.. | 250,319 | 2,542.00 | Per M, $1.50..... | 375.50 | United Kingdom. |
| Iron ..... cwt.. | 7,330½ | 11,716.11 | Per cwt., 10 cents .... | 733.05 | Do. |
| Horses ..... number.. | 49 | 10,766.60 | Per head, $7 ..... | 343.00 | United Kingdom, British West Indies, British North America, and United States. |

*Statement showing the imports and exports at Demerara for the calendar year ending December 31, 1892*—Continued.

IMPORTS—Continued.

| Description. | Quantity. | Value entered. | Duties. | | Whence imported. |
|---|---|---|---|---|---|
| | | | Rate. | Amount. | |
| Isinglass ..... pounds.. | 593½ | $759.15 | Per pound, 5 cents.... | $29.14 | United Kingdom. |
| Lard ..... do.... | 75,725 | 5,266.34 | Per pound, 1 cent .... | 757.25 | United Kingdom, United States, British West Indies, and Portuguese Possessions. |
| Do ..... do.... | 848,874 | 23,178.67 | Per pound, ½ cent.... | 1,744.37 | Do. |
| Lime, building ..... barrels.. | 4,104 | 1,391.60 | Per pound, 2 cents.... | 82.08 | British West Indies. |
| Do ..... hhds.. | 101 | 572.10 | Per hhd., 25 cents .... | 25.25 | Do. |
| Lime, temper ..... puncheons.. | 956 | 5,772.40 | Per puncheon, 50 cents | 478.00 | United Kingdom and British West Indies. |
| Lumber: | | | | | |
| White pine ..... cubic feet.. | 6,155,345 | 109,902.92 | Per M feet, $2 ..... | 12,309.60 | United States and British North America. |
| Pitch pine ..... do.... | 1,839,064 | 34,794.40 | Per M feet, $1.50..... | 3,095.27 | Do. |
| Malt, in wood ..... gallons.. | 90,754 | 25,978.11 | Per gallon, 10 cents... | 9,075.40 | Do. |
| Malt in bottles, quart ..... dozen.. | 6,859 3/12 | 9,875.86 | Per dozen, 24 cents ... | 1,646.22 | United Kingdom and United States. |
| Malt in bottles, pint ..... do.... | 67,406 | 63,898.71 | Per dozen, 12 cents ... | 8,088.72 | Do. |
| Matches ..... gross.. | 43,101 33/36 | 22,186.81 | Per gross, 60 cents.... | 25,860.93 | United Kingdom and British West Indies. |
| Meats, preserved, in tins ..... pounds.. | 39,594½ | 6,321.44 | Per pound, 2 cents.... | 791.89 | United Kingdom, United States, British West Indies, British North America, Holland, and France. |
| Milk, preserved, in tins ..... do.... | 127,824½ | 12,000.72 | .....do ..... | 2,963.09 | United Kingdom, United States, and British West Indies. |
| Meats, preserved, not dried or smoked, pounds. | 7,024 | 1,257.34 | .....do ..... | 140.49 | United Kingdom and United States. |
| Mules ..... number.. | 290 | 29,987.10 | Per head, $2.50..... | 725.00 | United States. |
| Muskets and guns ..... | 1,387 | 8,082.40 | Each, $2 ..... | 2,774.00 | United Kingdom, Dutch Guiana, and British West Indies. |
| Oats ..... bushels.. | 94,848 8/10 | 59,008.42 | Per bushel, 10 cents .. | 9,484.88 | United Kingdom, United States, British North America, and Holland. |
| Oils, the product of petroleum .. galls.. | 410,516 8/12 | 52,666.84 | Per gallon, 18½ cents.. | 75,945.59 | United States. |
| Oils, other kinds ..... do.... | 200,658½ | 79,722.36 | Per gallon, 25 cents... | 50,164.71 | United States, United Kingdom, East India, British West Indies, France, and Portuguese Possessions. |
| Oleomargarine ..... pounds.. | 4,536 | 569.90 | Per pound, 2 cents.... | 90.72 | United States and United Kingdom. |
| Butterine ..... do.... | 109,408 | 13,063.75 | Per pound, 1 cent..... | 1,094.08 | Do. |
| Opium ..... do.... | 19,301 33/100 | 39,029.48 | Per pound, $4..... | 41,207.89 | United Kingdom. |
| Paints ..... cwt.. | 4,865 5/12 | 26,786.82 | Per cwt., 25 cents..... | 1,216.37 | United Kingdom and British West Indies. |
| Pepper ..... pounds.. | 41,038 | 2,864.11 | Per pound, 1 cent..... | 410.38 | United Kingdom and East India. |
| Percussion caps ..... number.. | 1,414,500 | 813.53 | Per 100, 4 cents ..... | 565.80 | United Kingdom. |
| Pickles and sauces ..... quarts.. | 205½ | 63.60 | Per quart, 4 cents .... | 8.21 | United Kingdom, British West Indies, France, United States, and Portuguese Possessions. |
| Do ..... pints.. | 12,481½ | 2,830.07 | Per pint, 2 cents..... | 249.63 | Do. |
| Pistols and revolvers ..... number.. | 19 | 172.94 | Each, $5 ..... | 95.00 | United Kingdom and United States. |
| Pitch ..... barrels.. | 9 | 22.38 | Per barrel, 50 cents... | 4.50 | Do. |
| Pork ..... do.... | 2,865 88/100 | 30,376.25 | Per barrel, $1.50 ..... | 4,298.40 | United States. |
| Do ..... do.... | 14,982 7/12 | 180,658.46 | Per barrel, $1.12½ ..... | 16,854.80 | Do. |
| Rice ..... pounds.. | 39,238,241 | 763,193.79 | Per 100 lbs., 25 cents.. | 98,195.63 | United Kingdom, East India, and British West Indies. |
| Rosin ..... barrels.. | 8 1/10 | 29.72 | Per barrel, 50 cents... | 4.13 | United Kingdom. |

| | | | | | |
|---|---|---|---|---|---|
| Sago ..... pounds.. | 90,166 | 8,148.08 | Per pound, ¼ cent..... | 495.83 | United Kingdom, East India, British West Indies, and Portuguese Possessions. |
| Saltpeter ..... do.... | 1,017 | 122.30 | Per pound, 1 cent..... | 10.17 | United Kingdom. |
| Shooks ..... packs.. | 1,597 | 3,446.00 | Per pack, 8 cents ..... | 127.76 | Do. |
| Do ..... do ... | 11,929½ | 39,482.00 | Per pack, 4 cents ..... | 476.86 | United Kingdom and United States. |
| Shot ..... pounds.. | 43,470 | 1,499.82 | Per pound, 2 cents.... | 869.40 | United Kindom. |
| Slates, roofing ..... number.. | 7,800 | 307.00 | Per M, $1 ..... | 7.80 | Do. |
| Shingles ..... do.... | 20,500 | 42.00 | Per M, 50 cents ..... | 10.25 | British North America. |
| Snuff ..... pounds.. | 2,294 | 1,874.58 | Per pound, 75 cents... | 1,720.50 | United Kingdom. |
| Soap and soap powders ..... do.... | 22,637 | 4,131.39 | Per pound, 2 cents.... | 452.75 | United Kingdom, British North America, and United States. |
| Soap, other kinds ..... do.... | 1,388,575 | 40,784.83 | Per pound, ½ cent..... | 6,942.87 | United Kingdom, British North America, British West Indies, United States, and East India. |
| Spices and seeds ..... do.... | 226,241 | 8,129.56 | Per pound, 1 cent..... | 2,262.41 | United Kingdom, East India, British West Indies, and United States. |
| Starch ..... do.... | 7,996½ | 380.47 | Per pound, 2 cents.... | 159.93 | United Kingdom and British West Indies. |
| Staves, W. O ..... number.. | 216,793 | 18,201.04 | Per M, $2 ..... | 433.59 | United States. |
| Do ..... do.... | 1,093,362 | 44,921.16 | Per M, $1 ..... | 1,093.36 | Do. |
| Staves, R. O ..... do.... | 84 | 1.00 | Per M, 75 cents ..... | .06 | Do. |
| Sugar ..... do.... | 2,289 | 110.85 | Per pound, 4 cents.... | 91.56 | United Kingdom and British West Indies. |
| Do ..... do.... | 24,925⅜ | 1,424.08 | Per pound, 3 cents.... | 733.71 | Do. |
| Tallow ..... do.... | 254,226 | 15,551.27 | Per pound, 1 cent..... | 2,542.26 | United Kingdom and United States. |
| Tapioca ..... do.... | 94,290 | 3,141.60 | Per pound, one-half cent. | 471.45 | Do. |
| Tar ..... barrels.. | 174 | 505.10 | Per barrel, 50 cents ... | 87.45 | Do. |
| Tea ..... pounds.. | 56,541½ | 10,358.96 | Per pound, 12 cents... | 6,784.63 | Do. |
| Tobacco, leaf, in packages not less than 800 pounds, pounds. | 646,052⅜ | 43,854.41 | Per pound, 30 cents... | 193,815.90 | United States. |
| Tobacco, leaf, in packages less than 800 pounds, pounds. | 5⅛ | 35 | Per pound, 45 cents... | 2.25 | Do. |
| Tobacco, manufactured ..... pounds.. | 50,587⅜ | 27,217.99 | .....do ..... | 22,809.18 | United States, United Kingdom, and British West Indies. |
| Tobacco pipes, clay ..... gross.. | 3,586 | 1,956.85 | Per gross, $1..... | 3,586.16 | Do. |
| Tongues, pickled ..... pounds.. | 13,874 | 1,611.47 | Per pound, 2 cents.... | 277.48 | Do. |
| Turpentine ..... gallons.. | 2,740⅛ | 1,284.06 | Per gallon, 18 cents... | 493.25 | Do. |
| Twine ..... pounds.. | 47,134 | 8,690.23 | Per pound, 2 cents.... | 942.69 | Do. |
| Varnish without spirits ..... gallons.. | 285½ | 836.46 | Per gallon, 18 cents... | 50.13 | British North America, United Kingdom, and British West Indies. |
| Varnish containing spirits ..... do.... | 1,298⅓ | 2,040.13 | Per gallon, 50 cents... | 649.43 | Do. |
| Vegetables, preserved, in tins. pounds.. | 47,162½ | 4,264.84 | Per pound, 2 cents.... | 943.25 | British North America, United Kingdom, and United States. |
| Vinegar, in wood ..... gallons.. | 8,352⅞ | 2,209.22 | Per gallon, 10 cents... | 835.27 | Holland, France, and United Kingdom. |
| Wax: | | | | | |
| Bees ..... pounds.. | 51¼ | 196.67 | Per pound, 6 cents.... | 32.07 | United Kingdom. |
| Paraffin ..... do.... | 5⅚ | 20.52 | Per pound, 2 cents.... | 1.12 | Do. |
| Whiting ..... do.... | 6,120 | 20.22 | Per pound, one-half cent. | 30.60 | Do. |
| Wheat ..... bushels.. | 35¾ | 26.02 | Per bushel, 3½ cents... | 1.87 | Portuguese Possessions. |
| *Wines and spirits, and patent medicines containing spirits.* | | | | | |
| Wines, in wood: Claret ..... gallons . | 4,770⅛ | 3,950.57 | Per gallon, 50 cents... | 2,385.19 | United Kingdom, France, and Portuguese Possessions. |
| Do ..... do.... | 134 | 168.00 | Per gallon, 80 cents... | 106.20 | Do. |

*Statement showing the imports and exports at Demerara for the calendar year ending December 31, 1892*—Continued.

IMPORTS—Continued.

| Description. | Quantity. | Value entered. | Duties. | | Whence imported. |
|---|---|---|---|---|---|
| | | | Rate. | Amount. | |
| Wines, in wood: Tarragona..gallons.. | 19,687 | $9,437.44 | Per gallon, 50 cents... | $9,843.50 | |
| Do .....do.... | 27,617⅜ | 12,530.78 | Per gallon, 80 cents... | 22,093.90 | |
| Wines, not enumerated..... | 5,538⅜ | 8,349.69 | .....do ..... | 4,435.08 | |
| Wine, in bottles (quarts): Claret..dos.. | 116½ | 570.62 | Per dozen, $2 ..... | 231.88 | |
| Do .....do.... | 287 | 654.58 | Per dozen, $1 ..... | 287.41 | |
| Wine, in bottles (pints): Claret..do.... | 320½ | 717.59 | .....do ..... | 320.09 | |
| Do .....do.... | 846½ | 1,190.59 | Per dozen, 50 cents ... | 422.80 | |
| Wine, in bottles, not enumerated (quarts), dozen. | 2,187½ | 11,819.17 | Per dozen, $2 ..... | 4,374.89 | |
| Wine, in bottles, not enumerated (pints), dozen. | 1,675½ | 8,167.83 | Per dozen, $1 ..... | 1,675.76 | |
| Brandy.....gallons.. | 18,285⅛ | 60,144.56 | Per gallon, $2.50 ..... | 45,714.61 | |
| British spirits.....do.... | 676⅛ | 1,025.56 | .....do ..... | 1,691.30 | |
| Foreign spirits.....do.... | 101⅛ | 151.02 | .....do ..... | 253.51 | |
| Gin .....do.... | 23,608⅛ | 37,044.14 | .....do ..... | 59,021.53 | Holland, United Kingdom, and Dutch Guiana. |
| Whisky .....do.... | 19,748⅛ | 39,585.18 | .....do ..... | 49,373.53 | United Kingdom, Holland, and Dutch Guiana. |
| Liquors and cordials .....do.... | 1,644⅛ | 10,431.25 | .....do ..... | 4,112.08 | United Kingdom, British West Indies, Holland, France, Dutch Guiana, and Germany. |
| Do .....do.... | 24⅝ | 149.39 | Per gallon, $4..... | 94.08 | United Kingdom, British West Indies, Holland, France, and Dutch Guiana. |
| Perfumed spirits .....do.... | 546⅛ | 3,425.96 | Per gallon, $3..... | 1,642.40 | United Kingdom and Germany. |
| Do .....do.... | 848⅛ | 9,772.87 | Per gallon, $4..... | 3,391.07 | United Kingdom, Germany, United States, and Holland. |
| Naphtha and methylic spirits...do.... | 150⅛ | 164.76 | Per gallon, 50 cents... | 82.94 | United Kingdom. |
| Naphtha, potable.....do.... | 41 | 21.06 | Per gallon, $2.50 ..... | 102.50 | Do. |
| Patent medicines containing spirits, gallons. | 41⅛ | 311.66 | .....do ..... | 102.64 | United Kingdom, United States, and British North America. |
| *Miscellaneous.* | | | | | |
| Boots and shoes, made wholly or in part from leather.* | ..... | 128,060.64 | 4 per cent..... | 5,122.40 | About 91 per cent from United Kingdom, 3 per cent from United States, 5 per cent from British colonies, and balance from other countries. |
| Product of petroleum not paying specific duty.† | ..... | 1,550.14 | 6 per cent..... | 92.99 | About 40 per cent from the United States, balance from United Kingdom. |
| Blankets, dress materials, flannels, piece goods, prints, sheetings, shirts, shirtings, tablings, ticks, tweeds, underclothing, hardware, cutlery, tools, etc.‡ | ..... | 1,883,015.53 | 8 per cent..... | 150,641.23 | About 89 per cent from the United Kingdom, 5 per cent from the United States, 4 per cent from British colonies, and 2 per cent from other countries. |

| | | | | | |
|---|---|---|---|---|---|
| Manures, ground provisions, salt, fresh meat and vegetables, ice, sheep, poultry, machinery, sewing machines, potatoes, printing materials for newspapers, etc., type.§ | ..... | 1,844,469.31 | ..... | ..... | About 71 per cent from United Kingdom, 15 per cent from British colonies, 8 per cent from United States, and balance from other countries. |
| Goods bonded for exportation and transshipped. | ..... | 93,458.49 | ..... | ..... | 7 per cent from United States, 14 per cent from British colonies, 4 per cent from United Kingdom, and balance from Dutch Guiana and other countries. |

*In the beginning of 1892 these items were at an ad valorem rate of 8 per cent, but from Apr. 1 to Dec. 31 at 4 per cent.
†From Apr. 1 to Dec. 31; but from Jan. 1 to Mar. 31 these items were admitted at an ad valorem rate of 8 per cent.
‡From Jan. 1 to Dec. 31 these items were admitted at an ad valorem rate of 8 per cent.
§Free of duty during the year, together with articles put on the free list under agreement with the United States.

## RECAPITULATION OF IMPORTS.

| Description. | Value entered. | Amount of duties. |
|---|---|---|
| Goods paying specific duty | $4,074,310.81 | $995,670.49 |
| Goods paying ad valorem at 4 per cent | 128,060.64 | 5,122.40 |
| Goods paying ad valorem at 6 per cent | 1,550.14 | 92.99 |
| Goods paying ad valorem at 8 per cent | 1,883,015.53 | 150,641.23 |
| Wines and spirits | 219,453.24 | 211,661.99 |
| Goods admitted free | 1,844,469.31 | ..... |
| Goods liable to duty bonded for exportation and transshipped | 93,458.49 | ..... |
| Total | 8,244,318.16 | 1,363,189.10 |

| | |
|---|---|
| From the United Kingdom | $4,383,665.37 |
| From the British colonies | 1,460,917.27 |
| From the United States | 1,983,474.67 |
| From other countries | 416,260.85 |
| Total | 8,244,318.16 |

*Statement showing the imports and exports of Demerara for the calendar year ending December 31, 1892*—Continued.

EXPORTS.

| Description. | Native or foreign. | Total. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|---|
| Arrowroot.....pounds.. | ..... | 41,326 | $2,185.00 | French Guiana, Dutch Guiana. |
| Balata.....do.... | Native..... | 238,125 | 54,757.86 | United Kingdom. |
| Do.....do.... | Foreign..... | 224,559 | 44,683.93 | Do. |
| Beef.....barrels.. | ..... | 682 | 7,907.60 | Dutch Guiana, French Guiana, and French West Indies. |
| Bran.....bushels.. | ..... | 45 | 24.00 | Dutch Guiana. |
| Bread, biscuits, and crackers.....pounds.. | Native..... | 35,445 | 2,019.00 | Dutch Guiana and French Guiana. |
| Do.....do.... | Foreign..... | 18,939 | 1,360.77 | Dutch Guiana, French Guiana, and East India. |
| Bricks.....number.. | ..... | 3,100 | 6.00 | Dutch Guiana. |
| Buckets and pails.....dozen.. | ..... | 41 | 83.34 | Do. |
| Bullion, coin.....amount.. | ..... | ..... | 44,536.61 | United Kingdom, France, United States, and British West Indies. |
| Bullion, raw gold.....ounces.. | Native..... | 129,609 4/5 | 2,302,162.93 | United Kingdom. |
| Do.....do.... | Foreign..... | 470 11/12 | 8,136.78 | Do. |
| Butter.....pounds.. | ..... | 7,636 | 1,230.00 | French Guiana and Dutch Guiana. |
| Candles.....do.... | ..... | 1,412 | 145.90 | Do. |
| Cattle.....number.. | Native..... | 196 | 8,912.00 | Dutch Guiana |
| Cement.....barrels.. | Foreign..... | 250 | 538.00 | British West Indies and Dutch Guiana. |
| Charcoal.....bags.. | Native..... | 55,249 | 43,437.58 | British West Indies and Bermuda. |
| Cheese.....pounds.. | Foreign..... | 63 | 11.50 | French Guiana. |
| Chocolate.....do.... | Native..... | 5,403 | 1,166.56 | British West Indies and British North America. |
| Cigars and cigarettes.....do.... | Foreign..... | 97 3/4 | 280.16 | United Kingdom, French Guiana, and Dutch Guiana. |
| Coals, loose.....tons.. | ....do..... | 2,003 1/2 | 10,283.00 | British West Indies, French Guiana, Dutch Guiana, and Venezuela. |
| Cocoa.....pounds.. | Native..... | 3,804 | 485.16 | United Kingdom. |
| Do.....do.... | Foreign..... | 21,904 | 2,352.80 | Do. |
| Cocoanuts.....number.. | Native..... | 184,258 | 1,380.60 | Do. |
| Coffee.....pounds.. | ....do..... | 5,322 | 549.20 | Do. |
| Do.....do.... | Foreign..... | 8,796 | 1,084.51 | Dutch Guiana and French Guiana. |
| Confectionery.....do.... | ....do..... | 658 | 89.00 | French Guiana. |
| Cordage.....cwt.. | ..... | 9 11/112 | 114.72 | British West Indies. |
| Corks.....pounds.. | ....do..... | 401 | 73.22 | British West Indies and Dutch Guiana. |
| Corn.....bushels.. | ....do..... | 208 | 177.00 | French Guiana and Dutch Guiana. |
| Do.....do.... | Native..... | 1,731 1/2 | 1,137.50 | Do. |
| Corn brooms.....dozen.. | Foreign..... | 18 | 35.32 | Dutch Guiana. |
| Corn meal and oatmeal.....pounds.. | ....do..... | 40,672 | 758.80 | French Guiana and Dutch Guiana. |
| Donkey.....number.. | ....do..... | 1 | 25.00 | Dutch Guiana. |
| Fiber.....pounds.. | ....do..... | 13,305 | 513.90 | British West Indies and Dutch Guiana. |
| Firewood.....cords.. | Native..... | 334 | 669.20 | Bermuda. |
| Do.....do.... | ....do..... | 10 | 20.00 | Do. |
| Fish: Dried.....cwt.. | Foreign..... | 7,093 84/112 | 34,866.70 | French Guiana and Dutch Guiana. |
| Pickled salmon.....barrels.. | ....do..... | 20 | 297.20 | Do. |
| Pickled mackerel.....do.... | ....do..... | 33 | 244.00 | Do. |
| Pickled herrings and other kinds...do.... | ....do..... | 249 | 799.50 | Do. |
| Smoked.....pounds.. | ....do..... | 11,817 | 270.68 | Dutch Guiana. |
| Preserved in tins.....do.... | ....do..... | 16,198 | 2,202.80 | French Guiana and Dutch Guiana. |

| | | | | | |
|---|---|---|---|---|---|
| Flour | barrels | do | 11,833 | 53,600.00 | French Guiana, Dutch Guiana, and French West Indies. |
| Ganja | pounds | do | 555 | 242.45 | French Guiana and Dutch Guiana. |
| Garlic | do | do | 4,096 | 381.30 | Do. |
| Ghee | do | do | 7,862 | 819.34 | British West Indies and Dutch Guiana. |
| Ginger | do | do | 3,156 | 387.24 | Dutch Guiana. |
| Goats | number | Native | 3 | 28.00 | Do. |
| Grain and pulse, not enumerated | bushes | Foreign | 8,538½ | 10,649.66 | French Guiana, Dutch Guiana, and French West Indies. |
| Ground feed | do | do | 175 | 120.50 | French West Indies. |
| Gums, other than Balata | pounds | Native | 2,983 | 515.96 | United Kingdom. |
| Hams, bacon, etc | do | Foreign | 5,326½ | 681.68 | Dutch Guiana and French Guiana. |
| Hay | do | do | 9,231 | 111.53 | Dutch Guiana. |
| Hides | number | do | 2,276 | 2,140.86 | British West Indies and French West Indies. |
| Do | do | Native | 9,326 | 10,225.69 | Do. |
| Hoops: | | | | | |
| Iron | cwt | Foreign | 102 4/5 | 258.00 | French Guiana and Dutch Guiana. |
| Wood | number | do | 1,200 | 30.00 | Dutch Guiana. |
| Horses | do | do | 3 | 900.00 | Do. |
| Isinglass | pounds | Native | 3,867 | 1,226.51 | United Kingdom. |
| Lard | do | Foreign | 23,300 | 1,823.80 | French Guiana and Dutch Guiana. |
| Lime: | | | | | |
| Building | barrels | do | 117 | 49.30 | Dutch Guiana. |
| Temper | puncheons | do | 196 | 1,398.50 | British West Indies and Dutch Guiana. |
| Lumber | feet | Native | 26,704 | 3,559.72 | French Guiana and Dutch Guiana. |
| Do | do | Foreign | 175,210 | 4,378.50 | Do. |
| Machinery | value | do | | 48.00 | Dutch Guiana. |
| Malt liquor: | | | | | |
| In wood | gallons | do | 1,904 | 570.00 | French Guiana and Dutch Guiana. |
| In bottles (quarts) | dozen | do | 308 | 414.00 | Do. |
| In bottles (pints) | do | do | 4,035 | 3,480.57 | Do. |
| Manures | tons | do | 3 | 210.00 | Dutch Guiana. |
| Matches | gross | do | 115½ | 58.30 | Do. |
| Meats, preserved in tins | pounds | do | 4,090 | 433.72 | Do. |
| Molasses | puncheons | do | 228 | 2,895.00 | French West Indies, British North America, and United States. |
| Do | do | Native | 10,279 | 156,035.22 | Do. |
| Milk, preserved in tins | pounds | Foreign | 15,456 | 1,311.75 | French Guiana. |
| Mules | number | do | 20 | 2,540.00 | Dutch Guiana. |
| Musket and guns | do | do | 4 | 63.12 | Do. |
| Oats | bushels | do | 210⅝ | 155.95 | French Guiana. |
| Oils | gallons | do | 18,619 | 4,889.09 | French Guiana and Dutch Guiana. |
| Old copper, brass, leads, etc | pounds | do | 150,116 | 6,620.40 | United Kingdom and British North America. |
| Oleomagarine | do | do | 18,900 | 1,890.00 | Dutch Guiana and United States. |
| Onions | do | do | 638,811 | 14,991.05 | British West Indies and Dutch West Indies. |
| Opium | do | do | 1,790 | 6,738.74 | French Guiana. |
| Paints | cwt | do | 22 | 227.27 | British West Indies and Dutch Guiana. |
| Paper, straw | reams | do | 11,494 | 1,448.97 | French Guiana. |
| Pepper, black | pounds | do | 719 | 40.10 | Do. |
| Pitch | barrels | do | 11 | 39.70 | Dutch Guiana. |
| Plantains | bunches | Native | 751 | 295.68 | British West Indies. |
| Pork | barrels | Foreign | 511 | 6,277.25 | British West Indies, French Guiana, and Dutch Guiana. |
| Potatoes | do | do | 1,708 | 5,370.15 | French Guiana and Dutch Guiana. |
| Rice | pounds | do | 2,468,252 | 51,180.37 | French West Indies, French Guiana, and Dutch Guiana. |

*Statement showing the imports and exports of Demerara for the calendar year ending December 31, 1892*—Continued.

EXPORTS.

| Description. | Native or foreign. | Total. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|---|
| Rum ..... puncheons.. | Foreign..... | 38 | $1,680.00 | United Kingdom, British West Indies, Dutch West Indies, and British North America. |
| Do ..... do... | Native..... | 26,098½ | 1,513,828.26 | Do. |
| Sago ..... pounds.. | Foreign..... | 171 | 8.00 | French Guiana. |
| Salt ..... barrels.. | ....do ..... | 359 | 454.81 | French Guiana and Dutch Guiana. |
| Sheep ..... number.. | ....do ..... | 2 | 32.00 | Dutch Guiana. |
| Shingles ..... do... | Native... .... | 2,496,500 | 8,423.48 | British West Indies and French West Indies. |
| Shooks ..... packages.. | Foreign..... | 897 | 1,662.30 | Dutch Guiana. |
| Shots ..... pounds.. | ....do ..... | 252 | 29.60 | French Guiana. |
| Soap ..... do... | ....do ..... | 29,909 | 1,159.89 | French Guiana and Dutch Guiana. |
| Spices and seeds ..... do... | ....do ..... | 11,270 | 458.45 | Do. |
| Starch ..... do... | ....do ..... | 16,392 | 888.00 | Do. |
| Do ..... do... | Native..... | 4,600 | 235.00 | Do. |
| Slates ..... number.. | Foreign..... | 1,500 | 90.00 | British West Indies. |
| Sugar ..... tons.. | ....do ..... | 474 | 21,716.00 | United States. |
| Do ..... do... | Native..... | 123,091½ | 7,563,274.00 | United State, United Kingdom, British North America. |
| Sugar bags ..... bales.. | Foreign..... | 12 | 390.12 | British West Indies and Dutch Guiana. |
| Tallow ..... pounds.. | ....do ..... | 7,858 | 527.40 | Dutch Guiana. |
| Tar ..... barrels.. | ....do ..... | 22 | 82.80 | Do. |
| Tea ..... pounds.. | ....do ..... | 2,313 | 571.83 | French Guiana and Dutch Guiana. |
| Timber ..... cubic feet.. | Native..... | 305,000 | 97,144.92 | United Kingdom, Holland, and British West Indies. |
| Tobacco: | | | | |
| Leaf ..... pounds.. | Foreign..... | 5,070 | 37.043 | French West Indies. |
| Manufactured ..... do... | ....do ..... | 72 | 31.70 | Dutch Guiana. |
| Tobacco pipes, clay ..... gross.. | ....do ..... | 62½ | 49.10 | Do. |
| Turpentine, spirits of ..... gallons.. | ....do ..... | 4 | 4.00 | Do. |
| Unenumerated items ..... value.. | Native..... | ..... | 4,972.27 | United Kingdom, British West Indies, United States, French Guiana, Dutch Guiana. |
| Do ..... do... | Foreign..... | ..... | 49,246.34 | Do. |
| Varnish ..... gallons.. | ....do ..... | 24 | 84.00 | Dutch Guiana. |
| Vegetables, preserved in tins ..... pounds.. | ....do ..... | 500 | 55.00 | Do. |
| *Wines and spirits.* | | | | |
| Wines: | | | | |
| In wood ..... gallons.. | Foreign ..... | 2,032 | 1,715.00 | Dutch Guiana and French Guiana. |
| In bottles (quarts) ..... dozen.. | ....do ..... | 20 | 155.80 | Do. |
| Brandy ..... gallons.. | ....do ..... | 117 | 410.04 | Dutch Guiana. |
| Gin ..... do... | ....do ..... | 340 | 704.00 | Do. |
| Liqueurs and cordials ..... do... | ....do ..... | 48½ | 218.00 | United Kingdom |
| Whisky ..... do... | ....do ..... | 117 | 257.52 | Dutch Guiana. |
| Total ..... | ..... | ..... | 12,208,788.33 | |

RECAPITULATION OF EXPORTS.

| Whither exported. | Foreign exports. | Colonial exports. | Total. |
|---|---|---|---|
| United Kingdom | $278,992.14 | $6,329,826.43 | $6,608,818.57 |
| British Colonies | 101,913.87 | 271,132.38 | 373,046.25 |
| United States | 20,768.68 | 4,645,008.88 | 4,665,777.56 |
| Other countries | 287,272.37 | 273,873.58 | 561,145.95 |
| Total | 688,947.06 | 11,519,841.27 | 12,208,788.33 |

PHILIP CARROLL,
*Consul.*

## COLOMBIA.

*Value of exports declared for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| BARRANQUILLA. | | | | | |
| Balsam | $1,164.55 | $3,712.20 | | $2,810.00 | $7,686.75 |
| Cocoa | 1,215.80 | | | | 1,215.80 |
| Coffee | 325,743.02 | 205,044.43 | $268,218.00 | 243,514.71 | 1,042,515.16 |
| Feathers | 1,622.03 | | 363.60 | | 1,985.63 |
| Hats | 6,113.18 | 504.50 | 10,765.45 | 7,651.50 | 25,034.63 |
| Hides | 67,315.36 | 92,332.75 | 73,977.65 | 101,309.72 | 335,435.48 |
| Ivory nuts | 368.89 | | | 932.90 | 1,301.79 |
| Minerals | | 10,006.00 | | | 10,006.00 |
| Miscellaneous | 1,451.25 | 559.00 | 5,867.00 | 1,421.67 | 9,298.92 |
| Rubber | | 76.00 | 242.00 | 702.75 | 1,020.75 |
| Skins | 3,039.99 | 102.80 | 4,755.80 | 8,223.72 | 11,122.31 |
| Total | 408,084.07 | 312,837.68 | 364,184.50 | 361,566.97 | 1,446,623.22 |
| CARTAGENA. | | | | | |
| Balsam copaiba | 2,367.09 | 155.00 | 1,442.50 | 1,035.60 | 5,000.19 |
| Cedar and mahogany | 29,805.00 | 44,672.00 | 12,500.00 | 4,386.00 | 91,363.00 |
| Cocoanuts | 11,394.55 | 3,151.25 | 10,167.00 | 5,420.10 | 30,132.90 |
| Coffee | 18,347.12 | 10,680.84 | 1,225.71 | 765.00 | 30,968.67 |
| Divi-divi | | | 175.00 | 115.00 | 290.00 |
| Fustic | 1,754.12 | 473.65 | | | 2,227.77 |
| Gold dust | 7,837.50 | 225.87 | | 31,080.00 | 39,143.37 |
| Hides | 18,721.68 | 41,955.09 | 26,217.29 | 26,520.96 | 113,415.02 |
| Ivory nuts | 44,108.84 | 16,517.74 | 11,769.93 | 22,126.88 | 94,523.39 |
| Miscellaneous | 3,510.35 | 690.90 | 2,417.47 | 1,137.00 | 8,216.72 |
| Rubber | | | 461.00 | | |
| Skins | 16,873.05 | 16,795.87 | 9,921.86 | 12,437.52 | 56,028.30 |
| Tortoise shell | 330.00 | 330.00 | 678.50 | 420.00 | 1,758.50 |
| Tobacco | | 1,250.00 | | | 1,250.00 |
| Tolu, balsam | | 380.00 | 4,830.25 | | 5,210.25 |
| Cacao | | 1,155.33 | 78.00 | | 1,233.33 |
| | | 1,068.00 | | | 1,068.00 |
| Total | 155,049.30 | 139,451.54 | 81,884.51 | 105,444.06 | 481,829.41 |
| COLON. | | | | | |
| Bananas | 18,924.35 | 22,585.00 | 27,651.83 | 34,561.08 | 103,672.26 |
| Bay rum | | 2.94 | | | 2.94 |
| Cedar | 149.58 | | | | 149.58 |
| Champagne | | 191.44 | | | 191.44 |
| Cocoanuts | 2,779.84 | 2,398.06 | 7,805.07 | 16,667.36 | 29,650.33 |
| Cocobolo wood | 754.05 | 1,608.78 | 3,710.17 | 1,648.53 | 7,721.53 |
| Colombian postage stamps | 184.29 | | | | 184.29 |
| Curacao | | 9.41 | | | 9.41 |
| Deerskins | 28.72 | 12.88 | 14.89 | 75.52 | 132.01 |
| Furniture (returned) | | | | 120.78 | 120.78 |
| Fustic wood | | | 732.89 | 3,809.90 | 4,542.79 |
| Ginger ale extract | 30.58 | | | | 30.58 |
| Goatskins | | 139.94 | | | 139.94 |
| Gold | | | | 4,595.00 | 4,595.00 |
| Hides | 21.58 | | | 15.25 | 36.83 |
| Horse | | | 112.50 | | 112.50 |
| Ivory nuts | 24,447.59 | 17,292.98 | 4,676.12 | 10,625.64 | 57,042.33 |

*Value of exports declared for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| COLON—continued. | | | | | |
| Machinery | $118.94 | | | | $118.94 |
| Mahogany | 1,654.41 | $5,149.45 | $8,031.39 | $1,988.72 | 16,823.97 |
| Manzanilla wood | | | | 14.95 | 14.95 |
| Merchandise | | | 270.25 | | 270.25 |
| Minerals | | | | 69.23 | 69.23 |
| Old anchors | | 17.65 | | | 17.65 |
| Old brass | | 16.83 | | | 16.83 |
| Old copper | | 270.59 | | | 270.59 |
| Old junk | | 150.59 | 47.17 | 186.36 | 384.12 |
| Old lead | | 42.35 | | | 42.35 |
| Old machinery (for repairs) | | 302.50 | | | 302.50 |
| Old metal | | | | 61.00 | 61.00 |
| Old silver | | | | 610.00 | 610.00 |
| Old yellow metal | | 56.41 | | | 56.41 |
| Organ | | | 62.44 | | 62.44 |
| Palm caps | | | | 52.12 | 52.12 |
| Pearl shells | | | 1,016.39 | | 1,016.39 |
| Pineapples | | | | 5.18 | 5.18 |
| Plated jewelry (returned) | | | | 551.74 | 551.74 |
| Rough sticks | | | 87.56 | | 87.56 |
| Rubber | 1,221.57 | 729.63 | 5,749.80 | 2,719.33 | 10,420.33 |
| Sarsaparilla | 118.23 | 48.33 | | 237.90 | 404.46 |
| Tallow | | | | 24.40 | 24.40 |
| Turtle-shell | 3,001.04 | 590.54 | 88.89 | 3,478.53 | 7,059.00 |
| Wine | | 36.65 | | | 36.65 |
| Total | 53,434.77 | 51,502.95 | 60,057.36 | 82,118.52 | 247,113.60 |
| PANAMA. | | | | | |
| American manufactures (returned) | 10.11 | | | | 10.11 |
| Coffee | | 454.02 | | | 454.02 |
| Copaiba, balsam | 485.89 | 712.29 | 1,056.93 | 575.80 | 2,830.91 |
| Hides | 5,675.75 | 8,044.23 | 11,649.24 | 7,855.68 | 33,224.90 |
| India rubber | 20,615.15 | 36,308.63 | 48,590.38 | 46,488.30 | 152,002.46 |
| Ivory nuts | 7,209.23 | 9,124.79 | 7,471.10 | 6,375.71 | 30,180.83 |
| Miscellaneous | 44.88 | | 1,519.87 | 3,111.00 | 4,675.75 |
| Ores, gold-bearing | | | | 94.55 | 94.55 |
| Personal effects | | | | 2,415.28 | 1,415.28 |
| Sarsaparilla | 1,749.50 | 1,606.23 | 2,916.21 | 468.50 | 6,740.44 |
| Shells: | | | | | |
| Pearl oyster | 4,794.46 | 8,311.20 | 1,509.33 | 3,685.02 | 18,300.01 |
| Tortoise | | 99.07 | | 116.42 | 215.49 |
| Skins, deer | 7,573.23 | 6,406.23 | 3,270.84 | 6,859.55 | 24,109.85 |
| Woods: | | | | | |
| Cocobolo | | 864.12 | 9,706.77 | 1,739.32 | 12,310.21 |
| Caoba (mahogany) | | | 3,700.15 | 4,795.98 | 8,496.13 |
| Divers, unspecified | 1,909.80 | | | 235.00 | 2,144.80 |
| Total | 50,068.00 | 71,930.81 | 91,390.82 | 83,816.11 | 297,205.74 |

## BARRANQUILLA.

*Importation of merchandise by countries, quantities, and values, through the Barranquilla custom-house, for the year ending December 31, 1892, and duties received for the same period.*

| Country. | Quantity. | Value. |
|---|---|---|
| | *Kilos.* | |
| Colombia | 15,661 | $91,610.63 |
| Spain and Cuba | 1,090,082 | 259,866.40 |
| United States | 7,441,133 | 935,718.96 |
| France | 2,313,442 | 1,661,115.81 |
| England | 6,680,726 | 3,625,244.15 |
| Germany | 2,873,024 | 1,006,571.72 |
| Italy | 6,862 | 7,313.00 |
| English colonies | 5,122 | 107.20 |
| Belgium | 3,198 | 3,614.00 |
| Curacoa | 45,889 | 5,835.00 |
| Total | 20,475,139 | 7,656,996.87 |

### BARRANQUILLA CUSTOMS DUTIES.

[Duties in paper money.]

| | | | |
|---|---|---|---|
| January | $541,853.25 | August | $498,235.05 |
| February | 494,563.20 | September | 414,871.20 |
| March | 454,468.45 | October | 221,307.10 |
| April | 419,448.90 | November | 194,022.85 |
| May | 415,979.60 | December | 470,883.50 |
| June | 425,282.05 | | |
| July | 630,031.95 | Total | 5,180,946.50 |

## DUTCH GUIANA.

*Value of declared exports from the consular district of Paramaribo to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Balata | $7,884.12 | $2,335.81 | $2,515.76 | $7,046.70 | $19,282.39 |
| Cocoa | 165,517.36 | 74,086.71 | 137,251.80 | 377,991.30 | 754,847.17 |
| Coffee | | | | 171.68 | 171.68 |
| Gold | 6,375.54 | 8,296.10 | 6,452.06 | 22,494.09 | 43,617.79 |
| Letterwood | | 280.22 | | | 280.22 |
| Limes | | | | 15.30 | 15.30 |
| Sugar | 60,831.74 | 40,138.00 | 125,034.92 | 127,103.62 | 353,108.28 |
| Sample woods | | 5.80 | | | 5.80 |
| Total | 240,108.76 | 125,142.64 | 271,254.54 | 534,822.69 | 1,171,328.68 |

H. LOVEJOY,
*Vice-Consul.*

## ECUADOR.

*Value of exports declared for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| BAHIA. | | | | | |
| Cacao | $20,506.25 | $44,048.47 | $5,724.39 | $17,029.16 | $87,308.27 |
| Coffee | 761.00 | 1,267.52 | 352.39 | 982.68 | 3,363.60 |
| Hides | 1,194.94 | 1,562.45 | 1,831.60 | 1,215.49 | 5,804.48 |
| Ivory nuts | 103.42 | 2,795.45 | 6,934.42 | 5,350.01 | 15,183.30 |
| Rubber | 24,509.45 | 34,578.46 | 21,234.39 | 10,756.61 | 91,078.91 |
| Total | | | | | 202,728.56 |
| ESMERALDAS. | | | | | |
| Cocoa | 263.00 | 286.50 | 83.92 | 180.00 | 763.42 |
| Gold | 1,544.00 | | | | 1,544.00 |
| Hides | 312.84 | 505.74 | 432.57 | 107.55 | 1,358.70 |
| Ivory nuts | 760.89 | 5,002.04 | 11,077.90 | 928.76 | 17,769.59 |
| Rubber | 9,463.69 | 23,482.58 | 17,938.58 | 13,469.20 | 64,354.05 |
| Skins | | 9.80 | 20.00 | 47.40 | 77.20 |
| Tobacco | | | 112.50 | | 112.50 |
| Total | 12,344.42 | 29,286.66 | 29,615.47 | 14,732.91 | 85,979.46 |
| GUAYAQUIL. | | | | | |
| Cocoa | 109,344.84 | 51,186.35 | 30,162.90 | 174,903.81 | 365,587.90 |
| Coffee | 102,174.33 | 8,728.29 | 10,234.39 | 1,708.00 | 122,845.01 |
| Hides | 30,536.96 | 27,206.94 | 20,392.34 | 14,853.19 | 92,989.43 |
| Rubber | 50,190.71 | 46,329.86 | 33,021.96 | 29,814.17 | 159,356.70 |
| Ivory nuts | 328.20 | 177.37 | 2,958.88 | 7,625.70 | 11,090.15 |

*Value of exports declared for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| GUAYAQUIL—continued. | | | | | |
| Goatskins | $222.00 | | | $14.64 | $236.64 |
| Old silver | 2,025.60 | $399.95 | | 88.45 | 2,514.00 |
| Gold dust | | 3,676.46 | $2,569.02 | | 6,245.48 |
| Straw hats | | 1,697.68 | 1,612.98 | 2,772.33 | 6,082.99 |
| Sugar | | 290.94 | | | 290.94 |
| Bristles | 118.80 | | 72.60 | | 191.40 |
| Total | | | | | 767,430.64 |
| SANTA MARTA. | | | | | |
| Cocoa | 92.40 | | 45.08 | 60.72 | 198.20 |
| Coffee | 2,229.57 | 5,180.48 | 1,378.55 | 159.60 | 8,948.20 |
| Hides | 2,611.19 | 2,321.43 | 2,153.83 | 1,706.78 | 8,793.23 |
| Straw hats | 732.20 | 1,380.40 | 2,105.60 | 2,480.80 | 6,699.00 |
| Ivory nuts | 550.13 | 141.75 | 537.44 | | 1,229.32 |
| Rubber | 7,338.06 | 6,838.43 | 1,680.98 | | 15,857.47 |
| Total | | | | | 41,725.42 |

## FALKLAND ISLANDS.

*Imports into the Falkland Islands during the year ending December 31, 1892.*

| Description. | Value entered. | Description. | Value entered. |
|---|---|---|---|
| *From Great Britain.* | | *From Uruguay.* | |
| Wearing apparel | $22,370 | Clothing | $1,000 |
| Books and clothing material | 25,580 | Groceries | 1,250 |
| Groceries and oil men's stores | 70,055 | Flour, corn, hay, etc | 2,100 |
| Glass, earthenware, etc | 1,905 | Fruit and vegetables | 2,300 |
| Furniture, bedding, etc | 6,645 | Other articles | 750 |
| Machinery and hardware | 25,835 | Hardware and machinery | 1,500 |
| Timber and building material | 26,075 | Ship chandlers' stores | 1,000 |
| Ship chandlers' stores | 45,280 | Total | 9,900 |
| Sheep dip | 15,510 | | |
| Coal | 3,400 | | |
| Specie | 10,000 | *From Patagonia.* | |
| Wire-fencing material | 15,090 | Horses | 700 |
| Haberdashery | 12,400 | | |
| Articles unenumerated | 3,395 | *From Chile.* | |
| Wines | 2,440 | | |
| Spirits | 8,570 | Groceries | 1,500 |
| Malt liquor | 11,640 | Flour, corn, etc | 13,515 |
| Tobacco | 2,395 | Timber and fencing | 2,900 |
| Cigars | 1,045 | Vegetables | 725 |
| Live stock | 750 | Seal, otter, and guanaco skins | 2,500 |
| Parcels, post, from United Kingdom | 6,395 | Total | 21,140 |
| Total | 312,775 | | |
| | | RÉSUMÉ. | |
| *From Germany.* | | | |
| Groceries | 1,250 | Great Britain | 312,775 |
| Beer | 1,500 | Germany | 6,175 |
| Cigars | 375 | Uruguay | 9,900 |
| Wines | 50 | Argentine Republic | 700 |
| Haberdashery and other articles | 3,000 | Chile | 21,140 |
| Total | 6,175 | Total | 350,690 |

*Exports from the Falkland Islands for the year ending December 31, 1892.*

| Description. | Quantity. | Value, including costs and charges. |
|---|---|---|
| *To Great Britain.* | | |
| Wool.....pounds.. | 3,065,761 | $462,115 |
| Tallow.....do.... | 406,500 | 21,170 |
| Hides..... | 425 | 1,590 |
| Sheepskins.....number.. | 88,238 | 79,880 |
| Bone ash.....bags.. | 250 | 180 |
| Frozen mutton.....carcasses.. | 17,882 | 35,760 |
| Sealskins.....number.. | 512 | 3,840 |
| Horsehair.....pounds.. | 448 | 20 |
| Parcels, post..... | ..... | 1,970 |
| Total..... | ..... | 606,525 |
| *To Chile.* | | |
| Live sheep.....number.. | 1,800 | 2,500 |
| Tallow and sheepskins..... | ..... | 6,970 |
| Groceries and provisions..... | ..... | 1,100 |
| Clothing..... | ..... | 750 |
| Wines..... | ..... | 375 |
| Total..... | ..... | 11,695 |
| *To Argentine Republic.* | | |
| Live sheep.....number.. | 4,293 | 6,590 |
| Lumber.....feet.. | 100,460 | 2,250 |
| Groceries and stores..... | ..... | 2,000 |
| Furniture..... | ..... | 2,500 |
| Total..... | ..... | 13,340 |
| Grand total exports..... | ..... | 631,560 |

*Navigation at Port Stanley, Falkland Islands, for the year ending December 31, 1892.*

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| British | 3 | 695 | 21 | 11,094 | ..... | ..... | 3 | 695 | 19 | 10,326 | ..... | ..... |
| German | 15 | 26,628 | ..... | ..... | ..... | ..... | 15 | 26,628 | ..... | ..... | ..... | ..... |
| American | ..... | ..... | 4 | 5,270 | ..... | ..... | ..... | ..... | 4 | 5,270 | ..... | ..... |
| Chilean | ..... | ..... | 4 | 492 | ..... | ..... | ..... | ..... | 4 | 492 | ..... | ..... |
| Argentine | ..... | ..... | 1 | 99 | ..... | ..... | ..... | ..... | 1 | 99 | ..... | ..... |
| Norwegian | ..... | ..... | 1 | 336 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Danish | ..... | ..... | 1 | 474 | ..... | ..... | ..... | ..... | 1 | 474 | ..... | ..... |
| Total | 18 | 27,323 | 32 | 17,765 | 50 | 45,088 | 18 | 27,323 | 29 | 16,661 | 47 | 43,984 |

HENRY S. LASAR,
*Consul.*

PORT STANLEY, FALKLAND ISLANDS.

## URUGUAY.

*The value of declared exports from the consular district of Montevideo to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Bones | $5,743 | $12,003 | ..... | $7,427 | $25,173 |
| Hides, dry ox and cow | 298,976 | 548,006 | $327,985 | 383,302 | 1,558,269 |
| Hide cuttings | ..... | 4,432 | 6,360 | 2,040 | 12,832 |
| Horsehair | 24,116 | 63,241 | 34,630 | 22,703 | 144,690 |
| Iron, old, scrap, and iron rail | ..... | 4,118 | 883 | 2,265 | 7,266 |
| Ostrich feathers | ..... | ..... | 1,026 | 1,119 | 2,145 |
| Rags, cotton | ..... | ..... | 65 | ..... | 65 |
| Skins, carpincho and stag | 3,450 | 6,035 | 8,316 | 8,419 | 26,220 |
| Wool | 3,490 | 1,613 | 84,879 | 22,360 | 112,342 |
| Total | 335,775 | 639,448 | 464,144 | 449,635 | 1,889,002 |

FRANK D. HILL,
*Consul.*

## VENEZUELA.

*Value of exports declared for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| LA GUAYRA. | | | | | |
| Balata | ..... | $374.51 | $56.63 | $169.84 | $600.98 |
| Books | $393.35 | ..... | ..... | ..... | 393.35 |
| Cocoa | 8,990.21 | 39,134.15 | 22,725.69 | 19,635.49 | 90,485.54 |
| Coffee | ..... | 4,317.72 | 26,606.61 | 5,993.95 | 36,918.28 |
| Chocolate | 1,696.24 | 1,668.45 | 1,099.25 | 535.11 | 4,999.05 |
| Cobadilla | ..... | ..... | 90.27 | ..... | 90.27 |
| Guaic wood | ..... | ..... | 1,945.12 | 4,982.35 | 6,927.47 |
| Hides | 9,953.69 | 16,539.03 | 15,119.29 | 6,782.12 | 48,394.13 |
| Rubber | ..... | 120.98 | ..... | ..... | 120.98 |
| Silver | 1,082.35 | ..... | ..... | ..... | 1,082.35 |
| Skins | 2,198.04 | 5,044.66 | 5,371.50 | 10,103.37 | 22,717.57 |
| Sundries | ..... | 2,559.57 | ..... | 1,361.71 | 3,921.28 |
| Tiger | ..... | ..... | 100.00 | ..... | 100.00 |
| Total | ..... | ..... | ..... | ..... | 216,751.25 |
| MARACAIBO. | | | | | |
| Boxwood | 770.83 | 1,735.95 | 5,599.55 | 516.81 | 8,623.14 |
| Cedar | ..... | 1,163.46 | 645.38 | 5,534.61 | 7,343.45 |
| Coffee | 1,557,309.22 | 798,440.17 | 1,221,294.18 | 1,375,386.71 | 4,952,430.28 |
| Cacao | 8,760.27 | 507.05 | 2,354.15 | 12,315.21 | 23,936.68 |
| Copaiba | ..... | ..... | 703.92 | ..... | 703.92 |
| Curarina | ..... | ..... | ..... | 410.00 | 410.00 |
| Divi-divi | ..... | ..... | 1,266.50 | 4,686.92 | 5,953.42 |
| Ebony | ..... | 88.59 | ..... | ..... | 88.59 |
| Fish, pounds | 836.55 | 1,066.56 | 6,475.19 | 1,207.26 | 9,085.56 |
| Fustic | ..... | ..... | ..... | 821.19 | 821.19 |
| Hides | 1,246.65 | 5,795.32 | 1,421.75 | 5,415.92 | 13,879.64 |
| Lignum-vitæ | ..... | ..... | ..... | 146.85 | 146.85 |
| Living plants | ..... | 1,085.01 | ..... | 440.41 | 1,525.42 |
| Mahogany | ..... | 807.69 | ..... | ..... | 807.69 |
| Quina bark | ..... | ..... | 109.79 | 26.92 | 136.71 |
| Returned American goods | 102.29 | 464.41 | 505.61 | 213.00 | 1,285.31 |
| Skins | 9,207.52 | 8,937.16 | 8,985.19 | 10,057.09 | 37,186.96 |
| Specie | ..... | ..... | ..... | 12,820.00 | 12,820.00 |
| Wool | ..... | ..... | 661.55 | 103.78 | 765.33 |
| Sundries | 34.11 | 89.73 | 4.62 | 142.35 | 270.81 |
| Total | 1,577,767.44 | 820,181.10 | 1,250,027.38 | 1,430,345.03 | 5,078,320.95 |
| Total for preceding year | 1,881,608.82 | 2,102,180.08 | 2,439,412.84 | 1,293,155.21 | 7,716,356.95 |
| Increase | ..... | ..... | ..... | 137,189.82 | ..... |
| Decrease | 303,841.38 | 1,281,998.98 | 1,189,385.46 | ..... | 2,638,036.00 |

*Value of exports declared for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| PUERTO CABELLO. | | | | | |
| Cacao | | | $254 | | $254 |
| Cocoanuts | $414 | $2,810 | | | 3,224 |
| Coffee | | | 6,095 | | 6,095 |
| Copper ore | 2,193 | 15,660 | 140,791 | $19,454 | 175,098 |
| Copper regulus | | | 98,863 | | 98,863 |
| Deerskins | 42 | 445 | 1,346 | 1,185 | 3,018 |
| Goatskins | 1,021 | 6,927 | 3,390 | 2,088 | 13,426 |
| Hides | 716 | 5,244 | 28,456 | 15,586 | 50,002 |
| All other | | 235 | 914 | 598 | 1,747 |
| Total | 4,386 | 21,321 | 280,109 | 38,911 | 354,727 |

## MARACAIBO.

I have the honor to inclose a statement of the total exports from Maracaibo to the United States during the years 1891, 1892, and 1893, which shows a steady and progressive diminution since the imposition by our Government of duties upon the products of Venezuela.

At the close of 1891 our trade with this section had become more extensive than ever before, and there was no reason to imagine that it would not steadily increase in a satisfactory proportion.

The value of the exports from Maracaibo to New York amounted to a total of $8,079,446.62, United States gold, of which practically the whole was sold and consumed in the United States.

This naturally stimulated the export trade from our own country to this Republic, and American goods of all descriptions began to arrive here in such increasing quantities as to warrant the expectation that we would ultimately take the lead over our European rivals, notwithstanding their unceasing efforts and elaborate schemes of commercial warfare.

Upon the refusal of this country, however, to accept the reciprocity propositions of the United States, duties were imposed upon Venezuelan products which had hitherto been admitted free, and the result was an immediate decline in the mutual commerce of the two nations. At the close of 1892 the total exports from this port to New York amounted for the year to $6,130,516.59, a decrease of nearly two millions of dollars, and when it is remembered that of this diminished value not more than one-third was actually consumed in the United States, it will be seen that our trade met with a serious setback. This is still more forcibly demonstrated by the statistics of the past year.

During the twelve months ending December 31, 1893, the Maracaibo exports to New York had fallen in value to $4,582,209.49, something more than half of the invoice values for 1891; so that instead of an increase of some millions of dollars during the two years, which under former conditions we had a right to expect, there had been a very serious decrease which has materially injured both our commercial and shipping interests.

Moreover, from the comparatively small amount of $4,582,209.49, which represents the total value of exports from this section to the United States during the year 1893, we must deduct $2,042,242.39, the value of products shipped to New York, but in transit for foreign ports, and so invoiced, and also $1,890,565.25, representing invoices sent with option to so reship, most of which also found their way abroad. This leaves for the year $649,401.85 as the value of products from this district actually sold and consumed in the United States. Between this comparatively trifling amount and the $8,000,000 worth taken by us in 1891 there is an enormous difference, and I fear that under existing conditions this decrease will not be checked.

If these conditions did no more than diminish or even totally do away with the consumption of Venezuelan coffee in the United States, I would attach but little importance to the results, but it must be understood that with the cessation of the sale of Venezuelan products in our markets, orders from Venezuela for American merchandise will also cease, as has already been practically demonstrated, much to our loss and to the advantage of European exporters, who have been quick to avail themselves of the opportunities thus offered them.

Ground once lost is difficult to recover, and even in the case of the removal of existing drawbacks our trade will need careful nursing to overcome the evil already accomplished.

Generally speaking, the year has been a prosperous one in this section. Coffee being the main staple, the state of war in Brazil and consequent decrease in the exports of that country have caused a greater demand and higher prices, and the great exporting houses of Venezuela have been correspondingly benefited, and also in a less degree the coffee-growers of the interior.

Unfortunately the State of Los Andes, which is the chief coffee region of western Venezuela, has been in an exceedingly unsettled and turbulent political condition since the close of the late revolution, and all industries have suffered thereby.

In the wake of political disorders has followed an increase of crime, and the demoralization produced in the community by a ferocious civil war has had a bad effect upon both agriculture and commerce.

In Zulia, happily these disorders have not occurred, and the people are to-day tranquilly engaged in their customary occupations, as though no civil strife had intervened.

Maracaibo exporters have been recently embarrassed by the partial destruction of the principal interior railways by floods caused by heavy rains unprecedented at this time of year. The greater part of the coffee and other products is transported by the railway from Cucuta to the river Zulia and by the line of La Ceiba.

Both of these roads have been badly damaged, and a large section of the latter is buried under 3 feet of sand, while a considerable extent of the Cucuta Railway has been entirely swept away, and warehouses and wharves at the river terminus have been destroyed by the sudden flooding of the stream, which appears to have burst all bounds.

Some loss of life has ensued, but no detailed statement thereof has been made. In all products other than coffee there has been a decrease in the past year in the amounts exported with the exception of the different classes of woods and divi-divi, which show a marked increase, this being, perhaps, natural, as considering the great forests bordering the lake, filled with valuable woods which may be taken freely. This business should be a source of great profit. As yet, however, it is but in its infancy, there being hundreds of varieties of useful and beautiful woods which are still unknown in foreign markets.

On the whole, Venezuela is recovering from the effects of the late war with more elasticity than perhaps would be expected from a country of its character and population, and it is hoped that with the beginning of the new constitutional régime next month, the Republic may enter upon an era of uninterrupted peace and prosperity.

*Statement of the value of total exports from Maracaibo to the United States during the calendar years 1891, 1892, and 1893.*

| Year ending December 31— | Value, United States gold. | Decrease. |
|---|---|---|
| 1891 | $8,079,446.62 | |
| 1892 | 6,130,516.59 | $1,948,930.03 |
| 1893 | 4,582,209.49 | 1,548,307.10 |

Of the amount quoted for the year 1893 there were $2,042,242.39, representing the value of goods to be reshipped to foreign ports, and $1,890,565.25 of invoices sent with option to reship, leaving only a value of $649,401.85 as certainly sold and consumed in the United States.

E. H. PLUMACHER,
*U. S. Consul.*

MARACAIBO, *December 31, 1893.*

# WEST INDIES.

## BRITISH WEST INDIES.

*Value of declared exports for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| **ANTIGUA.** | | | | | |
| Bay leaves | $1,972.32 | $2,337.57 | $2,608.78 | $2,832.97 | $9,751.64 |
| Limes | 10,239.21 | 6,101.60 | 5,499.38 | 2,826.43 | 24,466.62 |
| Molasses | | | | 5,455.19 | 5,455.19 |
| Hides | | | | 169.30 | 169.30 |
| Sugar | 387,068.22 | 3,044.24 | 12,161.66 | 845,168.89 | 1,247,443.01 |
| Total | 409,279.75 | 13,483.41 | 20,270.02 | 856,452.78 | 1,287,285.76 |
| **BAHAMAS.** | | | | | |
| Bark | 660.00 | | 185.00 | 407.10 | 1,252.10 |
| Fruit: | | | | | |
| Preserved | 25,334.00 | | | 3,650.45 | 28,984.45 |
| Green | 44,770.55 | 12,368.10 | 2,984.05 | 164,089.75 | 224,162.45 |
| Hemp, Bahama | | 161.31 | 687.78 | 1,599.09 | 2,448.18 |
| Hides and skins | 294.05 | 568.91 | | 543.50 | 1,406.46 |
| Logwood | 7,516.10 | 6,076.05 | 1,330.00 | 3,902.01 | 18,824.16 |
| Marine curios and shells | 620.50 | | | 1,750.35 | 2,370.85 |
| Salt | 3,661.20 | 1,913.05 | | | 5,574.25 |
| Sponges | 67,108.35 | 51,690.05 | 33,404.10 | 56,683.05 | 213,885.55 |
| Sundries | 2,717.43 | 1,260.85 | 6,368.15 | 13,328.66 | 23,675.09 |
| Turtle, live | | 735.05 | 1,110.25 | 566.40 | 2,411.70 |
| Total | | | | | 524,995.24 |
| **HAMILTON, BERMUDA.** | | | | | |
| Arrowroot | | | | 474.69 | 474.69 |
| Bags, empty | | | | 45.62 | 45.62 |
| Barrels, empty | 806.90 | 121.66 | 452.09 | 235.55 | 1,616.20 |
| Bulbs, lily | 34,943.58 | 153.07 | | 8,927.21 | 44,023.86 |
| Coral, Bermuda | | | | 14.96 | 14.96 |
| Flowers, cut | | | 50.08 | 2,337.30 | 2,387.38 |
| Furniture | | | 4.86 | | 4.86 |
| Hides | 1,426.39 | 2,365.16 | 1,810.58 | 2,333.88 | 7,436.01 |
| Junk, old | 50.50 | | | | 50.50 |
| Lamp goods | | | | 13.22 | 13.22 |
| Liquors, mixed | | | | 3,251.92 | 3,251.92 |
| Marine specimens | | | 91.25 | | 91.25 |
| Milk punch | | 146.00 | | | 146.00 |
| Onion seed | 5,973.39 | | | | 5,973.39 |
| Palms | | | | 9.73 | 9.73 |
| Palm leaves | | | 58.38 | 65.68 | 124.06 |
| Plants | | | 24.32 | 351.92 | 376.24 |
| Phosphates | 969.17 | | | | 969.17 |
| Prune wine | | 28.98 | | | 28.98 |
| Sheepskins | 143.08 | | | | 143.08 |
| Silk, raw | 194.66 | | | | 194.66 |
| Tallow | 355.02 | | | | 355.02 |
| Vanila beans | | | | 5,069.28 | 5,069.28 |
| Vegetables | | 2,868.80 | 24,039.82 | 426,474.55 | 453,383.17 |
| Whisky | 14,348.36 | 118,904.03 | 120,283.24 | 1,557.33 | 255,092.96 |
| Wine, port | | | 116.80 | | 116.80 |
| Total | 59,211.05 | 124,587.70 | 146,431.42 | 451,102.84 | 781,393.01 |
| **ST. GEORGES, BERMUDA.** | | | | | |
| Arrowroot | 164.00 | | | | 164.00 |
| Lily bulbs | 8,788.98 | | 78.62 | 1,282.30 | 10,149.90 |
| Total | 8,952.98 | | 78.62 | 1,282.30 | 10,313.90 |
| **ST. CHRISTOPHER.** | | | | | |
| Ginger | 32.00 | | | | 32.00 |
| Hides | 710.90 | | 2,779.50 | 954.75 | 4,445.15 |
| Limes (pickled) | 26.88 | | 15.00 | | 41.88 |
| Lime juice | 121.89 | | | 399.32 | 521.21 |
| Molasses | | | 2,859.90 | 16,008.76 | 18,878.66 |

*Value of declared exports for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| ST. CHRISTOPHER—continued. | | | | | |
| Sugar | $229,118.42 | $8,028.19 | $216,942.55 | $535,121.20 | $989,210.36 |
| Tamarinds | 119.00 | | 50.00 | | 169.00 |
| Total | 230,129.09 | 8,028.19 | 222,646.95 | 552,484.03 | 1,013,288.26 |
| ST. LUCIA. | | | | | |
| Sugar: | | | | | |
| Centrifugal | 69,582.80 | | 120,595.82 | 89,317.55 | 279,496.17 |
| Molasses | | | 2,944.52 | 1,802.68 | 4,747.20 |
| Muscovado | 15,299.40 | 2,102.01 | 3,918.52 | 37,270.02 | 58,589.95 |
| Total | | | | | 342,833.32 |
| SALT CAY. | | | | | |
| Salt in bulk | 11,388.52 | 8,774.89 | | | 20,163.41 |
| TRINIDAD. | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. |
| Asphalt | 13,173 10 4 | 14,018 8 8 | 14,790 10 5 | 13,523 8 4½ | 55,505 17 4½ |
| Bitters | 4,037 18 9 | 5,379 18 10 | 4,839 7 7 | 3,450 7 8 | 17,707 2 10 |
| Cocoa | 57,537 18 5½ | 78,184 0 10 | 42,082 13 2 | 51,816 11 2½ | 229,621 3 8 |
| Sugar | 105,933 16 2 | 57,738 4 10½ | 132,912 3 8½ | 246,491 15 5 | 543,076 0 2 |
| Miscellaneous | 7,291 18 4 | 24,969 16 10½ | 945 18 10½ | 6,784 12 10 | 39,992 6 1 |
| Total | | | | | 885,902 10 1½ |
| Returned American goods | 175 13 2½ | 4 4 1 | 131 10 2½ | 25 18 2½ | 25 18 2½ |
| Returned empty kegs and carboys | 40 4 2 | 2 13 1½ | 9 7 1 | | 9 7 1 |
| Total returned | | | | | 35 5 3½ |
| TURKS ISLAND. | | | | | |
| Salt | $9,369.06 | $6,577.74 | $2,702.82 | $5,135.80 | $23,784.92 |
| Sponge | 744.94 | 1,191.62 | 1,186.18 | 563.19 | 3,685.93 |
| Total | 10,114.00 | 7,769.36 | 3,889.00 | 5,698.49 | 27,470.85 |

## JAMAICA.

The fiscal year ending March 31, 1893, was a fairly prosperous one for the island, there being an increase in shipping, exports, and imports over the preceding year.

### SHIPPING.

Five hundred and eighty-eight steam vessels cleared from the ports of this island for the year, being an excess of 74 over the preceding year. Of this number 49 were American vessels, with a tonnage of 538,543.

Of sailing vessels there were 410, with a tonnage of 112,404. Of this number 91 were American, with an aggregate tonnage of 25,432.

### EXPORTS.

A comparison of the exports of the island for the fiscal years of 1891–'92, and 1892–'93, shows an increase of 2 per cent.

Exports to the United States, for the preceding fiscal year, 1892, amounted to $4,269,254.73, and for the past fiscal year to $4,640,448.32, an increase of nearly 9 per cent, and being 55 per cent of the entire exports of the island. Omitting the item of rum, almost all of which goes to the United Kingdom, the United States takes over 60 per cent of the products of the island.

While the exports to the United States increased 9 per cent during the past fiscal year, those to the United Kingdom decreased 9 per cent, and those to Canada 22·8.

### IMPORTS.

According to the collector-general's report, the imports into the island for the fiscal year ending March 31, 1893, amounted to $9,448,217.88, being $873,710.71 in excess of those of the previous year.

The total imports from the United States aggregated $3,292,262.28, or very nearly 35 per cent of the entire imports, and being an increase of $108,766.86 over those of the preceding year.

To the total imports the Dominion of Canada contributed $899,829.77, being an increase of $9,607.07; the United Kingdom, $4,872,480.23, being an increase of $675,875.54; other British West India, $181,415.30, being an increase of $131,040.92; Germany, $41,726.12, being an increase of $7,595.87; France, $13,737.07, being an increase of $4,843.43; other countries, $146,767.21, being a decrease of $64,018,96.

Of the imported foods 56·09 came from the United States, 13·06 per cent from the United Kingdom, 25·09 per cent from Canada, and 5·76 per cent from other countries, showing the important fact that, of the imported foods, more than 75 per cent came from the North American Continent, as shown by the following table:

| Articles. | From— | | | | Total. |
|---|---|---|---|---|---|
| | United Kingdom. | United States. | Canada. | Other countries. | |
| Bread and biscuits | $295.86 | $68,427.85 | ..... | $30.26 | $68,753.97 |
| Butter | 10,793.88 | 121,818.70 | $3,556.06 | 577.99 | 136,746.63 |
| Cheese | 4,038.76 | 41,143.20 | 449.10 | 154.97 | 45,786.03 |
| Flour | 1.05 | 859,810.00 | 2,121.78 | 542.14 | 862,474.97 |
| Oats | 463.03 | 9,226.88 | 8,650.69 | 2.44 | 18,343.04 |
| Peas and beans | 885.32 | 9,962.98 | 68.70 | 10.56 | 10,947.56 |
| Indian corn | ..... | 238,722.02 | 158.15 | 32.43 | 238,912.60 |
| Farinaceous substances | 4,528.23 | 23,455.04 | 510.00 | 617.23 | 29,100.50 |
| Fish | 37,288.62 | 108,596.12 | 783,906.42 | 239.79 | 930,030.95 |
| Fruits, fresh and preserved | 7,152.82 | 63,922.69 | 636.85 | 2,214.95 | 16,377.31 |
| Hay and straw | ..... | 5,480.54 | 3,068.32 | ..... | 8,548.86 |
| Lard | 98.48 | 3,158.45 | ..... | 69.75 | 3,326.68 |
| Ham and bacon | 13,841.86 | 24,146.77 | 838.08 | 42.95 | 38,869.66 |
| Oils | 1,854.07 | 21,067.77 | ..... | 41.26 | 22,963.10 |
| Pickles, condiments, etc | 38,586.81 | 12,553.69 | 33.67 | 315.81 | 51,489.98 |
| Rice | 167,240.65 | 5,412.00 | ..... | 167,085.50 | 339,738.15 |
| Salt | 12,070.56 | 298.87 | 141.97 | 11,014.95 | 23,521.35 |
| Condensed milk | 100,595.27 | 863.13 | 1,516.56 | 871.75 | 103,846.71 |
| Tongues | 16.49 | 15,870.38 | ..... | ..... | 15,886.87 |
| Beef and pork, salted cured | 483.50 | 125,205.45 | ..... | 271.27 | 125,960.22 |
| Sugar, refined and unrefined | 4,483.13 | 22,256.00 | 2,194.48 | 3,951.21 | 31,984.82 |
| Tea | 18,415.59 | 214.85 | 66.18 | 20.59 | 18,717.21 |
| Petroleum and lamp oil | 172.73 | 83,694.26 | 881.11 | 4.93 | 83,910.03 |
| Vegetables, fresh, etc | 1,172.27 | 14,650.63 | 6,930.79 | 739.00 | 23,492.69 |
| Total foods | 424,458.98 | 1,822,443.27 | 814,885.91 | 187,451.73 | 3,249,219.89 |

*Comparative statement of manufactured articles imported for the fiscal years ending March 31, 1892 and 1893.*

| Description. | Year. | From— | | | | Total. |
|---|---|---|---|---|---|---|
| | | United Kingdom. | United States. | Canada. | Other countries. | |
| Cotton goods | 1892 | $1,022,560.33 | $35,748.00 | $2,077.17 | $7,205.22 | $1,067,590.72 |
| | 1893 | 1,219,191.26 | 39,522.26 | 447.18 | 4,671.09 | 1,263,831.79 |
| Woolen and worsted goods | 1892 | 123,381.26 | 2,805.37 | 2,781.89 | 1,543.89 | 130,512.41 |
| | 1893 | 173,050.83 | 1,481.94 | 2,256.58 | 1,856.11 | 178,645.46 |
| Carriages, wagons, etc | 1892 | 8,186.53 | 42,455.62 | 6,717.71 | 24.27 | 52,384.13 |
| | 1893 | 739.00 | 37,691.60 | 3,038.85 | 11.42 | 41,481.81 |
| Food | 1892 | 322,871.73 | 858,504.03 | 762,211.03 | 160,000.24 | 2,103,587.05 |
| | 1893 | 424,458.98 | 1,822,443.27 | 814,885.91 | 187,451.73 | 3,249,219.89 |
| Household furniture | 1892 | 21,067.43 | 24,550.32 | 4,027.39 | 861.62 | 50,506.76 |
| | 1893 | 19,989.63 | 26,439.84 | 628.35 | 1,338.56 | 48,396.38 |
| Hardware and cutlery | 1892 | 289,525.94 | 100,312.74 | 3,815.76 | 887.68 | 394,507.17 |
| | 1893 | 430,113.57 | 88,407.42 | 1,364.55 | 1,598.82 | 521,484.36 |
| Agricultural implements and tools, etc | 1892 | 3,103.41 | 1,653.81 | 103.51 | ..... | 4,860.73 |
| | 1893 | 25,502.77 | 15,819.88 | 22.45 | 304.99 | 41,650.09 |
| Boots and shoes | 1892 | 209,063.86 | 53,070.50 | 3,316.46 | 4,220.43 | 269,671.22 |
| | 1893 | 201,487.00 | 58,092.44 | 4,178.52 | 3,466.56 | 267,224.52 |
| Liquors, spirituous and malt | 1892 | 220,195.85 | 21,929.34 | 27,456.65 | 3,476.39 | 223,058.23 |
| | 1893 | 209,801.79 | 18,058.86 | 26,956.14 | 2,542.29 | 257,359.08 |
| Machinery | 1892 | 20,286.66 | 40,290.70 | 1,885.46 | 3,841.73 | 66,304.55 |
| | 1893 | 63,203.01 | 76,504.62 | 28.28 | 3,531.49 | 143,267.40 |
| Stationery | 1892 | 50,707.18 | 5,415.88 | 399.16 | 52.44 | 56,574.66 |
| | 1893 | 52,003.25 | 19,861.32 | 176.05 | 3,566.33 | 75,606.95 |
| Drugs and medicines | 1892 | 54,155.32 | 34,544.23 | 4,600.12 | 279.14 | 93,578.81 |
| | 1893 | 59,784.31 | 35,578.65 | 6,325.33 | 348.44 | 102,036.73 |

IMPORTS FROM THE UNITED STATES.

*Cotton goods.*—While the above figures show an increase in the importations for the United States of nearly every commodity named, yet the most lamentable showing is made in cotton goods. For some reason or other the United Kingdom furnished of the cotton goods exported to this island $1,219,191.26, and the United States only $39,522.26.

As said by one of my predecessors in commenting upon the small exportation of cotton goods, "With time, distance, freight, quality, and prices, it is hard to account for the fact that the cotton mills of the United States do not control this trade."

I am very glad to say, however, that an effort is being made to increase the trade in these goods, with a prospect of great success.

*Hardware and cutlery.*—It is to be hoped that the import of these articles will increase during the present fiscal year; they show a decrease of 11·86 per cent for the fiscal year of 1892–'93.

*Drugs and medicines.*—In 1891-'92 drugs and medicines were imported from the United States to the value of $34,544.23; in 1892-'93, $35,578.62, showing an increase of 2·9 per cent. The trade in these goods is steadily increasing.

*Agricultural implements.*—It will be seen that there has been a remarkable increase in the importations of American agricultural implements, the reports in 1893 amounting to $15,819.88, being a gain of $14,166.07 over the previous years. There is no reason why the American manufacturer should not control the bulk of this trade. He should be incited by a perusal of these figures to additional efforts to introduce his goods more extensively in this market.

*Stationery.*—The imports of American stationery has also increased from $5,415.88 to $19,861.32, being an increase of $14,445.44.

*Machinery.*—In this line the increase has been great. During the fiscal year ending March 31, 1892, the imports of American machinery amounted to only $40,290.70; during the last fiscal year it amounted to $76,504.62, being an excess of $36,213.92, or 88·7 per cent.

*Liquors, spirituous and malt.*—A comparison of the import of these goods for the fiscal year 1891–'92, shows a decrease of 17·64 per cent.

It is said that German lager is better packed than American, sold at lower rates, and on credit from three to six months. English lagers are sold here at reasonable prices, through agents, whose interest it is to push the trade. To increase the sale of American malts, agents should be appointed in the larger towns here to solicit orders, etc. The whisky market is overrun with Scotch, Irish, and Canadian, all of which is sold very low—mostly on credit.

*Carriages and wagons.*—It will be observed that though there is a slight decrease in this line, yet, United States furnishes 90 per cent of the entire imports.

*Boots and shoes.*—While our imports of boots and shoes are very small (out of a total importation of $267,224.82 the imports of the United States only amounts to $58,092.44), yet a great improvement has been made in this trade during the past two or three years. In 1889 our imports amounted to only $9,546.18, and American boots and shoes were then regarded in Jamaica as inferior to those of other countries. Now there are merchants in this city advertising them for sale as "leaders."

## CONCLUSION.

While our trade in Jamaica is increasing each year, it still falls short of what it should be. The United States is the natural market both for the exports and imports of the islands. Comparatively speaking, we are at its very door, we take more than 60 per cent, as heretofore shown, of all its produce, omitting the item of rum, and it is but natural that we should control the imports also. Efforts must be made, however, by the American manufacturer and exporter to increase their trade. They must ascertain what character of goods suits the market, size of packages needed, proper method of boxing, invoicing, etc. All this information can be obtained from consular reports. This island imported during the past fiscal year nearly $10,000,000 worth of goods, and I am sure that with the proper efforts the United States can secure at least 75 per cent of the trade. In days gone by the question of flag may have been potential. That day has past, and the business men of this island will deal in future where they can obtain the best goods, in the quickest time at the lowest prices.

A most friendly feeling exists towards the United States, as evidenced by the following editorial taken from one of the leading papers of the island, commenting upon the increase of trade to and from the United States. "The United States must from geographical contiguity, immensity of population, and prolonged business association continue to afford us the chief field for our commercial operations, both in respect of imports and exports, to say nothing of the very important social relations existing between that country and our islands, the result of lengthened years of friendly intercourses."

It will be my pleasure while here as consul to cultivate these friendly relations, and to labor earnestly to extend American trade.

Q. O. ECKFORD,
*Consul.*

KINGSTON, JAMAICA, *December, 1893.*

*Statement showing the declared exports from Jamaica to the United States during the year ended June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **BLACK RIVER.** | | | | | |
| Annotto | | | $44.42 | $220.92 | $265.34 |
| Bitterwood | | | | 314.18 | 314.18 |
| Coffee | | | 276.90 | 902.05 | 1,178.95 |
| Fustic | | | | 275.60 | 275.60 |
| Ginger | | | 1,542.62 | 5,994.74 | 7,537.36 |
| Goatskins | | | | 429.82 | 429.82 |
| Hides | | | | 61.48 | 61.48 |
| Logwood | | | 11,654.50 | 41,016.70 | 52,671.20 |
| Pimento | | | 20.92 | 5,171.14 | 5,192.06 |
| Sugar | | | | 7,071.54 | 7,071.54 |
| Total | | | 13,539.36 | 61,459.17 | 74,997.53 |
| **FALMOUTH.** | | | | | |
| Coffee | | | 4,374.00 | 802.14 | 5,176.14 |
| Cocoanuts | | | 24.91 | | 24.91 |
| Ginger | | | 685.79 | 304.42 | 990.21 |
| Logwood | | $13,321.96 | 5,438.22 | 7,346.68 | 26,106.86 |
| Pimento | $556.63 | 745.93 | 512.70 | | 1,815.26 |
| Pimento cordial | | | 4.86 | | 4.86 |
| Preserves and pickles | | | 4.86 | | 4.86 |
| Oranges | | 5.83 | | | 5.83 |
| Sugar | 49,304.88 | | 55,234.23 | 168,341.01 | 272,880.12 |
| Total | 49,861.51 | 14,073.72 | 66,279.57 | 176,794.25 | 307,009.05 |
| **KINGSTON.** | | | | | |
| Annotto | 110.58 | 149.51 | 6,923.88 | 49,027.28 | 56,210.75 |
| Bananas | 88,022.17 | 89,224.78 | 32,121.15 | 45,157.83 | 154,525.93 |
| Bitterwood | 448.00 | 424.55 | 2,191.60 | 383.23 | 3,447.33 |
| Butter | | | 1.09 | | 1.09 |
| Carriage materials | | | 9.85 | | 9.85 |
| Cigars | | 470.46 | 223.37 | 154.59 | 848.42 |
| Cocoa | 15,116.52 | 5,406.24 | 6,193.31 | 11,961.73 | 38,678.00 |
| Cocoanuts | | 1,660.02 | 642.37 | 39.84 | 2,342.23 |
| Coffee | 305,586.06 | 226,881.38 | 519,683.34 | 235,646.59 | 1,287,797.37 |
| Drugs | 335.46 | 70.56 | | | 406.02 |
| Dyewoods | 330.42 | | | | 330.42 |
| Ebony | | | | 50.68 | 50.68 |
| Fancy articles | | | | 101.04 | 101.04 |
| Furniture | | | 108.70 | | 108.70 |
| Fustic | | | 233.59 | 1,722.50 | 1,956.09 |
| Ginger | 2,667.63 | 33.09 | 7,484.75 | 25,290.58 | 35,476.05 |
| Goatskins | 2,037.30 | 915.22 | 1,895.61 | 2,808.10 | 7,156.23 |
| Grapefruit | | 17.52 | 61.50 | 12.16 | 91.18 |
| Hair | | | 81.48 | | 81.48 |
| Herbs, medicinal | 10.13 | | | | 10.13 |
| Hides | 10,951.44 | 852.79 | 769.46 | 1,763.79 | 5,337.48 |
| Kola | | | | 57.11 | 57.11 |
| Lancewood spars | 3,570.40 | 73.00 | 909.06 | 9,058.61 | 13,611.07 |
| Lard | | | 2.25 | | 2.25 |
| Lignum-vitæ | 292.00 | | 389.32 | 284.88 | 966.20 |
| Limes | *349.04 | 18.98 | | 131.51 | 499.53 |
| Lime juice | 243.32 | 759.17 | 4,613.51 | 487.17 | 6,103.17 |
| Logwood | 14,822.53 | 21,972.85 | 11,143.19 | 818.11 | 48,756.68 |
| Oranges | 7,403.12 | 29,475.17 | 27,343.44 | 24,296.80 | 88,518.53 |
| Orange juice | | | 615.85 | | 615.85 |
| Pimento | 15,870.70 | 18,255.63 | 35,875.75 | 18,930.35 | 88,932.43 |
| Pimento sticks | | | | 121.16 | 121.16 |
| Pineapples | 600.24 | | 17.23 | 677.54 | 1,385.01 |
| Pineapple plants | 674.95 | 106.88 | | 2,837.14 | 3,618.97 |
| Rum | 333.77 | 2,412.08 | 1,772.87 | 173.32 | 4,692.04 |
| Saddlery | | | 20.93 | | 20.93 |
| Sarsaparilla | | 3.52 | 25.79 | | 29.31 |
| Satinwood | 160.60 | | 82.73 | 634.22 | 877.55 |
| Sugar | 54,971.51 | 11,099.24 | 19,286.53 | 138,471.76 | 223,829.04 |
| Turtle shells | | 380.60 | 57.30 | 1,033.08 | 1,471.24 |
| Wax | | | 231.73 | 134.24 | 365.97 |
| Yarns | | | 5.41 | | 5.41 |
| Total | | | | | 2,079,445.97 |

*Statement showing the declared exports from Jamaica to the United States, etc.*—Cont'd.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| MILK RIVER.* | | | | | |
| Logwood | | | | $7,049.79 | $7,049.79 |
| Preserves | | | | 15.96 | 15.96 |
| Sugar | | | | 19,876.17 | 19,876.17 |
| Total | | | | 26,941.94 | 26,941.74 |
| MONTEJO BAY. | | | | | |
| Arrowroot | | | | 14.84 | 14.84 |
| Annotto | | $25.24 | $712.56 | 93.85 | 813.65 |
| Cocoanuts | $2,446.54 | 2,932.84 | 1,008.41 | 4,468.16 | 10,855.95 |
| Coffee | 693.29 | 12,005.77 | 10,912.12 | 855.14 | 24,466.32 |
| Cocoa | 490.00 | | | | 490.00 |
| Dyewoods: | | | | | |
| Fustic | 383.23 | 3,744.74 | 3,005.60 | | 7,133.57 |
| Logwood | 6,417.57 | 12,495.47 | 5,166.57 | 2,776.63 | 26,856.24 |
| Logwood roots | | | | 1,466.51 | 1,466.51 |
| Flour (banana) | 8.14 | | | | 8.14 |
| Fruit: | | | | | |
| Bananas | 12,888.58 | | 1,989.07 | 23,248.90 | 38,126.55 |
| Limes | 28.46 | | | 2.43 | 30.89 |
| Mangoes | 101.66 | | | 98.95 | 200.61 |
| Oranges | 1,668.28 | 16,534.70 | 415.95 | | 18,618.93 |
| Pines | 74.06 | | | 1,258.82 | 1,332.88 |
| Tangerines | | 37.57 | | | 37.57 |
| Ginger | 310.89 | 571.03 | 26,882.53 | 9,046.15 | 37,310.60 |
| Hides | 114.81 | 200.90 | 65.20 | 111.61 | 492.52 |
| Lime juice | 750.12 | 227.98 | | 681.30 | 1,659.40 |
| Nuts (kola) | | 77.97 | | | 77.97 |
| Pimento | 8,049.00 | 3,615.53 | 1,750.23 | 2,071.59 | 15,486.35 |
| Plantain (dried) | | 10.21 | | | 10.21 |
| Rum | 257.77 | | | | 257.77 |
| Skins (goat) | 241.29 | 403.02 | 205.12 | 321.48 | 1,175.91 |
| Skins (calf) | | | | .66 | .66 |
| Sugar | 6,658.47 | 1,120.44 | 80,103.05 | 100,628.54 | 188,510.50 |
| Shell (turtle) | 634.33 | | | | 634.33 |
| Wax (bees) | 111.25 | 42.82 | 29.25 | 88.93 | 272.35 |
| Total | 42,832.74 | 54,046.23 | 132,245.66 | 147,234.49 | 376,359.12 |
| PORT ANTONIO. | | | | | |
| Bananas | 200,029.58 | 122,225.12 | 100,845.10 | 268,969.44 | 692,069.24 |
| Bitterwood | | | | 62.50 | 62.50 |
| Cocoa | 439.26 | 135.84 | 176.50 | 45.48 | 797.08 |
| Cocoanuts | | 13,083.66 | 14,949.34 | 16,855.20 | 44,688.20 |
| Cocoanut fiber | 12.10 | | | | 12.10 |
| Coffee | 71.76 | 140.38 | | 897.94 | 1,110.88 |
| Ginger | 2.88 | | | | 2.88 |
| Haberdashery | 7.20 | | | | 7.20 |
| Hides | | | 221.76 | 96.00 | 317.76 |
| Honey | 43.20 | | | | 43.20 |
| Limes | 492.12 | 169.92 | | 23.52 | 685.56 |
| Lime juice | 235.12 | 227.60 | 153.60 | 199.68 | 816.00 |
| Logwood | | 1,903.20 | | | 1,903.20 |
| Mahogany | | | 15.84 | | 15.84 |
| Mangoes | 105.48 | | | 182.28 | 287.76 |
| Nuts | 20,265.78 | | | | 20,265.78 |
| Oranges | 3,749.40 | 4,321.02 | 447.04 | 105.84 | 8,623.30 |
| Pimento | 1,275.98 | 1,146.92 | 518.56 | | 2,941.46 |
| Pineapples | 62.76 | | | 237.12 | 299.88 |
| Sarsaparilla | | 18.00 | | | 18.00 |
| Vegetables | 9.60 | | | | 9.60 |
| Wax | 31.68 | | | | 31.68 |
| Total | | | | | 775,208.30 |
| PORT MARIA. | | | | | |
| Annotto | | | 39.30 | | 39.30 |
| Bananas | 142,442.20 | 89,140.30 | 64,101.46 | 158,487.42 | 454,171.38 |
| Bitterwood | | | 105.86 | | 105.86 |
| Canes | | 20.40 | | | 20.40 |
| Chow-chow | | | .96 | | .96 |
| Cocoa | 158.50 | | | 387.72 | 546.22 |
| Cocoanuts | 1,878.26 | 5,650.18 | 2,501.64 | 5,846.82 | 15,876.90 |
| Coffee | 40.14 | 110.30 | 8,437.94 | 1,286.70 | 9,875.08 |

* This agency was not in existence prior to the month of February, 1893.

*Statement showing the declared exports from Jamaica to the United States, etc.*—Cont'd.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| PORT MARIA—continued. | | | | | |
| Fustic | | | | $1,396.80 | $1,396.80 |
| Ginger | | | $14.40 | | 14.40 |
| Goatskins | | | 65.76 | 154.36 | 220.12 |
| Grape fruit | | $14.40 | | | 14.40 |
| Hides | | | 143.82 | | 143.82 |
| Limes | $13.20 | | | 56.40 | 69.60 |
| Lime juice | | | | 1,097.30 | 1,097.30 |
| Logwood | 4,487.48 | 5,491.20 | 4,869.00 | 7,047.00 | 21,894.68 |
| Mangoes | 18.00 | 1.44 | | | 19.44 |
| Oranges | 655.56 | 1,338.72 | 231.60 | | 2,225.88 |
| Pimento | | 387.94 | 1,649.28 | 1,653.54 | 3,690.76 |
| Pineapples | 58.02 | 22.26 | 61.38 | 722.96 | 864.62 |
| Tomatoes | | | | 4.90 | 4.90 |
| Total | | | | | 512,295.94 |
| PORT MORANT. | | | | | |
| Bananas | 53,802.18 | 41,805.36 | 30,094.70 | 82,801.30 | 208,503.44 |
| Beeswax | 42.60 | | | 58.80 | 101.40 |
| Cocoa | 169.62 | | | 570.12 | 739.74 |
| Cocoanuts | 1,624.94 | 3,225.42 | 10,876.58 | 11,149.80 | 26,876.74 |
| Clothing | | 48.00 | | | 48.00 |
| Honey | | | 71.00 | 167.60 | 238.60 |
| Limes | 10.00 | | | | 10.00 |
| Lime juice | | | 22.80 | | 22.80 |
| Machinery (American manufacture) | | 147.16 | | | 147.16 |
| Mangoes | | | | 223.24 | 223.24 |
| Nutmegs | | 48.00 | | | 48.00 |
| Oranges | 604.12 | 1,380.00 | 222.26 | 13.80 | 2,220.18 |
| Pimento | 36.78 | | | | 36.78 |
| Pines | | | | 320.46 | 320.46 |
| Rum | 1,938.36 | | 1,263.18 | | 3,201.54 |
| Sugar | 1,827.18 | | 10,045.32 | 28,467.32 | 130,339.82 |
| Ware (earthen) | | 2.40 | | | 2.40 |
| Total | 60,055.78 | 46,656.34 | 52,595.84 | 123,772.34 | 283,080.30 |
| ST. ANN'S BAY. | | | | | |
| Annotto | | | 135.79 | 176.95 | 312.74 |
| Bananas | 19,531.39 | 17,960.02 | 24,672.04 | 76,685.25 | 138,848.70 |
| Bitterwood | | | 1,434.41 | | 1,434.41 |
| Cocoanuts | 641.54 | 3,648.43 | 4,389.87 | 4,379.75 | 13,059.59 |
| Coffee | 308.56 | 11,913.54 | 89,898.33 | 8,323.60 | 110,444.03 |
| Cocoa | | | 15.00 | 150.00 | 165.00 |
| Copper | 208.85 | | | | 208.85 |
| Fustic | 1,250.00 | 1,016.25 | 4,203.75 | | 6,470.00 |
| Goatskins | 100.50 | 131.00 | 216.00 | 303.18 | 750.68 |
| Guano | | | | 5,253.35 | 5,253.35 |
| Ginger | | | 79.08 | 1,410.00 | 1,489.08 |
| Hides, cow | 135.00 | 67.50 | 163.93 | 130.62 | 497.05 |
| Herbs, medicinal | | | 12.50 | | 12.50 |
| Limes | 9.50 | 7.50 | 13.50 | 689.00 | 719.50 |
| Lime juice | 1,661.25 | 520.00 | | 862.50 | 3,043.75 |
| Logwood | | 3,613.54 | | 4,707.60 | 8,321.14 |
| Mahogany | | | 100.00 | | 100.00 |
| Mangoes | 30.00 | | | | 30.00 |
| Oranges | 19,721.04 | 32,358.68 | 1,354.87 | 618.00 | 54,052.59 |
| Pimento | 950.97 | 14,515.18 | 16,931.68 | 4,218.10 | 36,615.93 |
| Potatoes | | | 8.00 | 8.00 | 16.00 |
| Pineapples | 7.06 | | 67.50 | 517.25 | 591.81 |
| Sugar | 12,949.75 | 12,944.72 | 14,295.87 | 45,826.00 | 86,016.34 |
| Tomatoes | | | 5.00 | 2.00 | 7.00 |
| Turtle shells | 171.87 | 154.50 | 85.50 | | 411.87 |
| Wool | | | | 6.87 | 6.87 |
| Total | | | | | 468,878.78 |
| SAVANNAH LA MAR. | | | | | |
| Annotto | 5.36 | 43.26 | 335.43 | 145.70 | 529.75 |
| Bitterwood | | | 313.39 | | 313.39 |
| Coffee | 267.22 | 13,808.29 | 4,480.62 | 118.87 | 18,675.00 |
| Dyewoods | 46,497.73 | 41,669.44 | 31,595.69 | 32,685.41 | 152,448.27 |
| Ginger | 61.70 | | 5,475.60 | 2,903.04 | 8,440.34 |

*Statement showing the declared exports from Jamaica to the United States, etc.*—Cont'd.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 1, 1893. | June 30, 1893. | |
| SAVANNAH LA MAR—continued. | | | | | |
| Hides and skins | $260.53 | $122.45 | $269.67 | $152.23 | $804.88 |
| Personal effects | | 121.66 | | | 121.66 |
| Pimento | 10,724.50 | 4,317.71 | 731.92 | 906.05 | 16,680.18 |
| Sugar | 11,447.77 | 4,869.40 | 207,765.24 | 100,383.71 | 324,466.12 |
| Wax | 35.52 | 36.16 | 139.78 | 78.44 | 289.90 |
| Yarns | | | 4.86 | | 4.86 |
| Total | | | | | 522,774.35 |

RECAPITULATION.

| | | | |
|---|---|---|---|
| Black River | $74,777.53 | Port Maria | $512,295.94 |
| Falmouth | 307,009.05 | Port Morant | 283,080.30 |
| Kingston | 2,079,445.97 | St. Anns Bay | 468,878.78 |
| Milk River | 26,941.94 | Savannah la Mar | 522,744.35 |
| Montejo Bay | 876,359.12 | | |
| Port Antonio | 775,208.80 | Grand total | 5,426,771.28 |

## ST. CHRISTOPHER.

*Imports and exports with the United States for the year ending June 30, 1893.*

IMPORTS.

| Articles. | | Amount. | Value. |
|---|---|---|---|
| Beef | pounds | 87,200 | $3,864 |
| Bread and biscuits | barrels | 1,172 | 3,164 |
| Cheese | pounds | 14,616 | 2,031 |
| Corn | bushels | 8,656 | 4,923 |
| Drugs | | | 1,293 |
| Flour | barrels | 13,485 | 53,057 |
| Furniture | | | 598 |
| Hams | pounds | 8,305 | 1,006 |
| Kerosene oil | cases | 4,340 | 3,630 |
| Lard | pounds | 19,000 | 1,686 |
| Matches | | | 413 |
| Meal | barrels | 2,362 | 7,159 |
| Mules | | 62 | 7,508 |
| Oats | bushels | 1,602 | 904 |
| Oil meal | pounds | 510,575 | 7,990 |
| Oleomargarine | do | 54,080 | 8,067 |
| Pitch pine | feet | 220,781 | 3,937 |
| Pork | pounds | 79,600 | 16,082 |
| Rope and cordage | | | 1,541 |
| Shooks | bundles | 6,842 | 7,693 |
| Tobacco | pounds | 14,025 | 1,166 |
| White pine | feet | 248,073 | 5,317 |
| Total | | | 143,049 |

EXPORTS.

| | | | |
|---|---|---|---|
| Ginger | barrels | 8 | $32.00 |
| Hides | pounds | 18,296 | 4,445.15 |
| Limes (pickled) | barrels | 30 | 411.20 |
| Lime juice | puncheons | 22 | 211.80 |
| Molasses | gallons | 121,470 | 18,868.68 |
| Sugar | pounds | 32,527,310 | 979,210.36 |
| Tamarinds | kegs | 110 | 169.00 |
| | barrels | 15½ | |
| Total | | | 993,358.26 |

## DUTCH WEST INDIES.

*Value of declared exports from the consular district of Curaçao to the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Aloes | $80.00 | $2,350.72 | $804.09 | $4,225.32 | $7,460.13 |
| Coffee | 352.00 | | | | 352.00 |
| Divi-divi | 200.00 | 703.80 | 475.00 | 350.00 | 1,728.80 |
| Gutta-percha | | 2,865.50 | 129.80 | 870.10 | 3,865.40 |
| Hides | 1,049.86 | 418.60 | 839.38 | 1,288.88 | 3,596.72 |
| Miscellaneous | 226.80 | 218.26 | 1,029.16 | 702.60 | 2,176.82 |
| Miscellaneous in transit | | | | 3,250.00 | 3,250.00 |
| Salt | 4,500.00 | 840.00 | 128.00 | 750.00 | 6,218.00 |
| Skins | 6,149.28 | 10,008.19 | 8,566.62 | 8,388.14 | 33,112.23 |
| Straw hats | 685.16 | 1,090.92 | 429.48 | 257.80 | 2,463.36 |
| Wood, all kinds | 7,514.57 | 3,250.00 | 5,054.64 | 4,091.12 | 19,910.27 |
| Wool | 514.64 | 180.54 | | 686.13 | 1,381.31 |
| | 21,272.25 | 21,926.53 | 17,456.17 | 24,860.09 | 85,515.04 |
| Charges | 228.60 | 451.63 | 345.00 | 653.37 | 1,678.60 |
| Total | 21,500.85 | 22,378.16 | 17,801.17 | 25,513.46 | 87,193.64 |

## DANISH WEST INDIES.

### CHRISTIANSTED.

*Statements showing the commerce and navigation of Christiansted during the year ending March 31, 1893.*

IMPORTS.

| Whence imported. | Value. |
|---|---|
| United States | $175,474 |
| Denmark | 2,937 |
| St. Thomas | 86,138 |
| All other countries | 78,192 |
| Total | 342,741 |

EXPORTS.

| Whither exported. | Sugar. | | Rum. | | Molasses. | |
|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| | *Pounds.* | | *Gallons.* | | *Gallons.* | |
| Denmark | 272,388 | $6,755.44 | 100 | $22.11 | | |
| St. Thomas | 3,142 | 78.31 | 17,286 | 3,884.84 | 15 | $1.65 |
| United States | 2,596,050 | 63,833.91 | 1,964 | 432.19 | 14,488 | 1,738.56 |
| Other countries | 4,452,504 | 112,745.36 | 4 | 1.06 | 37,654 | 4,141.94 |
| Total | 7,324,084 | 183,408.02 | 19,354 | 4,340.20 | 52,157 | 5,882.15 |

Total value of exports, $193,630.37.

NAVIGATION.

| Flag. | Sailing vessels. | | | |
|---|---|---|---|---|
| | Entered. | | Cleared. | |
| | *No.* | *Tons.* | *No.* | *Tons.* |
| American | 12 | 3,769 | 12 | 3,769 |
| Danish | 3 | 737 | 3 | 737 |
| Norwegian | 3 | 1,034 | 2 | 800 |
| British | 4 | 844 | 4 | 844 |
| Dutch | 1 | 6 | 1 | 6 |
| Total | 23 | 6,390 | 22 | 6,156 |

A. J. BLAKKWOOD,
*Consular Agent.*

CHRISTIANSTED, *July 10, 1893.*

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FREDERICKSTED.

*Statement showing the commerce of Fredericksted during the year ending March 31, 1893.*

IMPORTS.

| From— | Value. | Duties. |
|---|---|---|
| United States | $268,231 | $15,561 |
| Denmark | 16,030 | 1,706 |
| St. Thomas | 44,246 | 5,422 |
| All other countries | 58,560 | 4,467 |
| Total | 387,067 | 27,156 |

EXPORTS.

| To— | Sugar. | | Rum. | | Molasses. | |
|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| | *Pounds.* | | *Gallons.* | | *Gallons.* | |
| United States | 9,780,095 | $237,436 | 26,672 | $5,836 | 139,623 | $15,894 |
| St. Thomas | 36,756 | 902 | 15,365 | 3,381 | 393 | 44 |
| Denmark | 1,959,567 | 50,523 | 53,657 | 11,807 | ..... | ..... |
| All other countries | 198 | 5 | ..... | ..... | 63,217 | 7,083 |
| Total | 11,776,616 | 288,866 | 95,694 | 21,024 | 203,233 | 23,021 |

Total value, $332,911.

NAVIGATION.

*Vessels of 100 tons and upwards entered and cleared at custom-house, Fredericksted, during fiscal year 1893.*

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| American | ..... | ..... | 11 | 2,466 | 11 | 2,466 | ..... | ..... | 11 | 2,874 | 11 | 2,874 |
| Danish | ..... | ..... | 4 | 944 | 4 | 944 | ..... | ..... | 10 | 1,916 | 10 | 1,916 |
| English | 38 | 43,738 | 10 | 2,610 | 48 | 46,348 | 38 | 43,738 | 11 | 2,650 | 49 | 46,388 |
| Italian | ..... | ..... | 1 | 466 | 1 | 466 | ..... | ..... | 1 | 466 | 1 | 466 |
| Norwegian | ..... | ..... | 1 | 276 | 1 | 276 | ..... | ..... | 3 | 656 | 3 | 656 |
| Total | 38 | 43,738 | 27 | 6,762 | 65 | 50,500 | 38 | 43,738 | 36 | 8,562 | 74 | 52,300 |

WM. F. MOORE,
*Consular Agent.*

FREDERICKSTED, *July 13, 1893.*

## ST. THOMAS.

*Commerce and navigation at St. Thomas during the year ending March 31, 1893.*

IMPORTS.

| Articles. | From— | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|
| | The United States. | Great Britain | Germany. | France. | Denmark. | Spanish West Indies. | Other islands of the Danish West Indies. | Other countries. | |
| Cloth goods: | | | | | | | | | |
| Linens | ..... | $2,440 | $424 | $189 | $53 | ..... | $11 | $11 | $3,128 |
| Cottons | $3,863 | 91,987 | 5,464 | 10,084 | 37 | ..... | 241 | 2,290 | 113,966 |
| Woolens | 40 | 8,972 | 1,985 | 1,563 | 8 | ..... | ..... | 55 | 12,623 |
| Silks | ..... | 1,824 | 120 | 5,050 | 59 | ..... | ..... | 37 | 7,090 |
| Ready-made clothing | 234 | 2,671 | 840 | 8,118 | 1,122 | $10 | 61 | 115 | 13,171 |
| Flour: | | | | | | | | | |
| Wheat | 54,611 | ..... | ..... | ..... | ..... | ..... | 2,755 | 4,972 | 62,338 |
| Rye | 3,716 | ..... | 22 | ..... | ..... | ..... | 522 | 147 | 4,407 |
| Corn meal | 9,510 | 3 | ..... | ..... | ..... | ..... | 201 | 160 | 9,874 |
| Salted and smoked beef | 2,611 | 23 | ..... | ..... | 61 | ..... | 251 | 121 | 3,067 |
| Tongues and sausages | 85 | 197 | 315 | 75 | 1,743 | ..... | 133 | 4 | 2,552 |
| Salted and smoked pork | 8,561 | ..... | ..... | ..... | 12 | ..... | 115 | 124 | 8,812 |
| Hams | 2,676 | 1,017 | 86 | ..... | 191 | 10 | 289 | 142 | 4,411 |
| Butter | 10,257 | 89 | 4,012 | 93 | 2,625 | ..... | 1,611 | 5,645 | 24,332 |
| Cheese | 1,024 | ..... | 4,798 | 249 | 39 | ..... | 109 | 206 | 6,425 |
| Lard | 7,066 | 84 | ..... | 4 | ..... | ..... | ..... | ..... | 7,044 |
| Beans and pease | 4,372 | 6 | ..... | 208 | ..... | 254 | 406 | 1,999 | 7,240 |
| Wheat and corn | 2,785 | ..... | ..... | ..... | ..... | 673 | 162 | 82 | 3,702 |
| Oats | 500 | 15 | 72 | ..... | ..... | ..... | 19 | 47 | 653 |
| Barley | 47 | 496 | 251 | ..... | 4 | ..... | ..... | ..... | 798 |
| Yams and potatoes | 69 | ..... | 338 | 623 | ..... | 499 | 3 | 5,670 | 7,202 |
| Bread | 3,224 | 1,186 | 25 | ..... | 17 | ..... | 154 | 77 | 4,683 |
| Tea | 228 | 681 | 1,610 | ..... | ..... | ..... | 3 | 22 | 2,544 |
| Canned goods | 1,921 | 3,834 | 992 | 3,720 | 324 | 38 | 92 | 276 | 11,197 |
| Corks | 57 | 50 | 61 | 425 | 74 | ..... | ..... | ..... | 667 |
| Copper | ..... | ..... | ..... | ..... | ..... | ..... | 26 | 46 | 72 |
| Lead | ..... | 1,189 | ..... | ..... | ..... | ..... | ..... | ..... | 1,189 |
| Iron | 343 | 7,110 | ..... | 322 | ..... | ..... | 70 | 8 | 7,853 |
| Nails | 476 | 734 | 176 | 6 | ..... | ..... | 5 | 50 | 1,447 |
| Tin sheets | ..... | 246 | ..... | ..... | ..... | ..... | ..... | ..... | 246 |
| Zinc | ..... | ..... | 10 | ..... | ..... | ..... | ..... | ..... | 10 |
| Hardware | 2,256 | 7,816 | 1,030 | 923 | 65 | ..... | 592 | 45 | 12,727 |
| Earthenware | 87 | 1,415 | 330 | 438 | ..... | ..... | ..... | 6 | 2,276 |
| Shoes and boots | 2,106 | 8,060 | 4,420 | 13,352 | 62 | ..... | 13 | 9 | 28,052 |
| Fish: | | | | | | | | | |
| Salt | 41 | 107 | 300 | ..... | 754 | ..... | 50 | 13,715 | 14,967 |
| Pickled | 122 | 18 | ..... | ..... | 1 | ..... | 55 | 6,423 | 6,619 |
| Sugar: | | | | | | | | | |
| Refined | 6,672 | ..... | 45 | ..... | ..... | ..... | 616 | ..... | 7,333 |
| Raw | ..... | ..... | ..... | ..... | ..... | 12,671 | 1,635 | 1,683 | 15,989 |
| Molasses | ..... | ..... | ..... | ..... | ..... | ..... | 36 | ..... | 36 |
| Saddlery | 9 | 790 | 22 | ..... | ..... | ..... | 10 | 8 | 839 |
| Leather | 2,052 | 53 | 29 | 3 | ..... | ..... | 25 | 25 | 2,191 |
| Glassware | 601 | 714 | 975 | 657 | 20 | ..... | 43 | ..... | 3,010 |
| Paper | 553 | 804 | 1,914 | 1,450 | 314 | ..... | ..... | 3 | 5,038 |
| Playing cards | 99 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 99 |
| Lumber | 5,619 | ..... | ..... | ..... | ..... | 28 | ..... | 137 | 5,784 |
| Shingles | 450 | ..... | ..... | ..... | ..... | ..... | ..... | 1,110 | 1,560 |
| Cement | ..... | 20 | 1,435 | ..... | ..... | ..... | ..... | ..... | 1,455 |
| Tiles | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 274 | 274 |
| Marble | 38 | 100 | ..... | 295 | ..... | ..... | ..... | ..... | 433 |
| Tapestry | ..... | 56 | 41 | 45 | 2 | ..... | ..... | ..... | 144 |
| Floor mats | 6 | 51 | ..... | ..... | ..... | ..... | ..... | ..... | 57 |
| Whisky | 580 | 3,216 | ..... | 350 | ..... | ..... | ..... | ..... | 4,146 |
| Brandervin | ..... | ..... | 114 | 6 | 493 | ..... | ..... | ..... | 613 |
| Brandy | ..... | 885 | 29 | 6,602 | ..... | ..... | ..... | ..... | 7,516 |
| Gin | ..... | ..... | 14,016 | ..... | 9 | ..... | ..... | 3,610 | 17,635 |
| Wine | 8 | 1,498 | 1,984 | 10,343 | ..... | 67 | 79 | 886 | 14,865 |
| Spirits | 1,557 | ..... | 7,507 | 49 | 135 | ..... | ..... | 85 | 9,333 |
| Rope | 2,680 | 890 | 321 | ..... | ..... | ..... | ..... | 117 | 4,008 |
| Sweet liqueurs | ..... | 253 | 8,449 | 1,538 | 73 | 216 | 15 | 888 | 11,432 |
| Cherry cordial | ..... | ..... | 739 | ..... | 547 | ..... | ..... | ..... | 1,286 |
| Beer | ..... | 2,662 | 4,606 | 28 | 2,032 | ..... | 1,331 | 1,150 | 11,809 |
| Rum | ..... | ..... | ..... | ..... | ..... | 2,784 | 8,148 | 1,027 | 11,959 |
| Vinegar | 108 | ..... | 518 | 296 | ..... | ..... | ..... | ..... | 922 |
| Coffee | 871 | 23 | 103 | ..... | ..... | 756 | 5 | 5,934 | 7,692 |
| Cocoa | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,339 | 1,339 |

*Commerce and navigation at St. Thomas during the year, etc.*—Continued.

IMPORTS—Continued.

| Articles. | From— | | | | | | | | To |
|---|---|---|---|---|---|---|---|---|---|
| | The United States. | Great Britain | Germany. | France. | Denmark. | Spanish West Indies | Other islands of the Danish West Indies. | Other countries. | |
| Rice | ..... | ..... | $7,108 | $255 | ..... | ..... | $10 | ..... | $7 |
| Spices | $36 | $347 | 479 | 6 | $39 | $17 | ..... | $2 | |
| Fruit (fresh) | 22 | ..... | ..... | ..... | ..... | 611 | 12 | 677 | 1 |
| Coal | 107,289 | 32,256 | ..... | ..... | ..... | ..... | ..... | ..... | 13 |
| Paints | 699 | 3,506 | 411 | ..... | ..... | ..... | 48 | 184 | 4 |
| Soap | 1,294 | 6,768 | 146 | 65 | 217 | ..... | 51 | 10 | 8 |
| Candles | 374 | 49 | 4,430 | 12 | ..... | ..... | ..... | ..... | 4 |
| Starch | 3,077 | ..... | ..... | 4 | ..... | 401 | ..... | 363 | 3 |
| Tobacco: | | | | | | | | | |
| Manufactured | 4,116 | 105 | 318 | 104 | 260 | 9 | 689 | 147 | 5 |
| Leaf | 8,057 | ..... | ..... | ..... | ..... | 148 | ..... | 469 | 8 |
| Cigars | 2,612 | 368 | 5,316 | 440 | 1,165 | 22,244 | ..... | 30 | 32 |
| Oil: | | | | | | | | | |
| Lamp | 4,629 | 1,064 | 498 | ..... | ..... | ..... | 24 | ..... | 6 |
| Sweet | 3,079 | 55 | ..... | 3,724 | ..... | ..... | ..... | 58 | 6 |
| Drugs | 2,592 | 1,765 | 1,828 | 681 | 79 | ..... | 2 | 423 | 7 |
| Raisins and currants | 23 | 375 | 54 | 15 | ..... | ..... | ..... | 6 | |
| Figs and prunes | ..... | 369 | 23 | 317 | ..... | ..... | ..... | ..... | |
| Dates and almonds | 10 | 42 | 124 | ..... | ..... | ..... | ..... | ..... | |
| Nuts | 222 | 7 | 26 | 6 | ..... | ..... | 53 | 382 | |
| Olives | ..... | 53 | ..... | 136 | ..... | 41 | ..... | ..... | |
| Sago and saloop | 10 | 118 | 280 | ..... | ..... | ..... | ..... | 58 | |
| Vermicelli | 305 | ..... | ..... | 1,146 | ..... | ..... | ..... | ..... | 1 |
| Powder | ..... | 1,541 | 5 | 331 | ..... | ..... | ..... | 19 | 1 |
| Hats: | | | | | | | | | |
| Straw | 311 | 1,635 | 42 | 1,549 | ..... | ..... | ..... | 6,023 | 9 |
| Felt | 176 | 1,125 | 64 | 1,028 | ..... | ..... | ..... | 3 | 2 |
| Jewelry | 73 | 990 | 920 | 3,321 | 227 | ..... | 17 | 4,487 | 10 |
| Perfumery | 1,108 | 376 | 470 | 1,953 | ..... | 1,268 | 67 | 759 | 6 |
| Fancy goods | 1,454 | 13,008 | 1,170 | 7,387 | 415 | 65 | 96 | 339 | 23 |
| Poultry | 53 | ..... | ..... | ..... | ..... | ..... | ..... | 170 | |
| Horses | ..... | ..... | ..... | ..... | ..... | 189 | 775 | 400 | 1 |
| Cattle | ..... | ..... | ..... | ..... | ..... | 9,292 | 30 | 10,990 | 20 |
| Asses | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 10 | |
| Sheep and goats | 145 | ..... | ..... | ..... | ..... | 30 | 216 | 1,787 | 2 |
| Swine | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,845 | 1 |
| Turtles | ..... | ..... | ..... | ..... | ..... | ..... | 14 | 16 | |
| Oysters | 100 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | |
| Furniture | 1,767 | 141 | 529 | ..... | 11 | ..... | 24 | ..... | 2 |
| Carriage material | 61 | ..... | ..... | 34 | ..... | ..... | 64 | 365 | |
| Pitch and tar | 72 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | |
| Rosin and turpentine | 70 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | |
| Ships' material | 442 | 5 | 1,344 | ..... | ..... | ..... | 855 | 929 | 3 |
| Salt | 3 | 93 | ..... | ..... | ..... | ..... | ..... | 412 | |
| Charcoal | ..... | ..... | ..... | ..... | ..... | 5 | 184 | 2,314 | 2 |
| Ice | 3,007 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 |
| Onions | 92 | ..... | ..... | 682 | ..... | 789 | 36 | 369 | 1 |
| Miscellaneous | 5,055 | 5,473 | 3,969 | 1,650 | 911 | 111 | 252 | 2,734 | 20 |
| Total | 297,166 | 225,869 | 100,082 | 91,975 | 14,200 | 53,226 | 23,416 | 97,564 | 903 |

EXPORTS TO THE UNITED STATES.

| Articles. | Quarter ending— | | | | Total |
|---|---|---|---|---|---|
| | June 30, 1892. | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | |
| Bay oil | $115.15 | $112.45 | $144.42 | $368.76 | $74 |
| Bay rum | 4,624.84 | 1,541.09 | 2,568.31 | 1,421.24 | 10,15 |
| Bay spirit | 238.18 | 183.18 | ..... | 45.15 | 46 |
| Brandy | ..... | 1,481.88 | 1,452.36 | ..... | 2,93 |
| Hides and skins | 449.93 | 901.11 | 560.37 | 364.22 | 2,27 |
| Rum | 459.84 | ..... | 1,090.03 | 243.41 | 1,79 |
| Shells (turtle) | 3,444.77 | 525.15 | ..... | 2,723.50 | 6,69 |
| Whisky | 17,057.10 | 28,054.82 | 4,543.48 | 22,304.02 | 71,95 |
| Total | 26,389.81 | 32,799.68 | 10,358.97 | 27,470.30 | 97,01 |

*Commerce and navigation at St. Thomas during the year, etc.*—Continued.

NAVIGATION.

| Flag. | From and to— | Entered. | | | | Cleared. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Steamers. | | Sailing vessels. | | Steamers. | | Sailing vessels. | |
| | | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| American.. | Africa | .... | ..... | 3 | 1,236 | .... | ..... | .... | ..... |
| | Brazil | 4 | 7,302 | 3 | 1,505 | .... | ..... | .... | ..... |
| | British Guiana | .... | ..... | 1 | 474 | .... | ..... | .... | ..... |
| | British West Indies | 15 | 37,835 | 9 | 2,953 | 12 | 30,905 | 14 | 7,177 |
| | Canary Isles | .... | ..... | 1 | 345 | .... | ..... | .... | ..... |
| | Danish West Indies | .... | ..... | 2 | 461 | .... | ..... | 3 | 487 |
| | French Guiana | .... | ..... | 4 | 773 | .... | ..... | .... | ..... |
| | French West Indies | .... | ..... | 4 | 1,340 | .... | ..... | .... | ..... |
| | Mexico | .... | ..... | .... | ..... | .... | ..... | 1 | 283 |
| | Portugal | .... | ..... | 1 | 656 | .... | ..... | .... | ..... |
| | Prince Edward Island | .... | ..... | 1 | 89 | .... | ..... | .... | ..... |
| | Spanish West Indies | .... | ..... | 1 | 462 | .... | ..... | 18 | 6,176 |
| | United States | 12 | 30,905 | 18 | 9,825 | 19 | 45,037 | 13 | 6,281 |
| | **Total American** | 31 | 75,942 | 48 | 20,119 | 31 | 75,942 | 49 | 20,404 |
| Austrian .. | British West Indies | .... | ..... | .... | ..... | .... | ..... | 1 | 387 |
| | French West Indies | .... | ..... | 1 | 387 | .... | ..... | .... | ..... |
| | **Total Austrian** | .... | ..... | 1 | 387 | .... | ..... | 1 | 387 |
| Brazilian .. | British West Indies | .... | ..... | .... | ..... | 1 | 135 | .... | ..... |
| | United States | 1 | 135 | .... | ..... | .... | ..... | .... | ..... |
| | **Total Brazilian** | 1 | 135 | .... | ..... | 1 | 135 | .... | ..... |
| British .... | Africa | .... | ..... | 1 | 673 | .... | ..... | .... | ..... |
| | Argentine Republic | .... | ..... | 1 | 1,079 | .... | ..... | 1 | 314 |
| | Azores | 2 | 1,060 | .... | ..... | .... | ..... | .... | ..... |
| | Brazil | 11 | 15,820 | 3 | 1,909 | 1 | 1,013 | .... | ..... |
| | British Guiana | 1 | 1,021 | 6 | 1,330 | .... | ..... | 1 | 193 |
| | British Honduras | .... | ..... | .... | ..... | .... | ..... | 1 | 365 |
| | British West Indies | 53 | 43,906 | 20 | 4,393 | 73 | 76,643 | 8 | 2,599 |
| | Canary Isles | .... | ..... | 2 | 514 | .... | ..... | .... | ..... |
| | Colon | 3 | 3,520 | .... | ..... | 2 | 1,988 | .... | ..... |
| | Danish West Indies | 1 | 448 | .... | ..... | 2 | 1,306 | 2 | 322 |
| | Dutch West Indies | .... | ..... | .... | ..... | 1 | 407 | 1 | 74 |
| | French West Indies | 1 | 223 | 12 | 2,820 | 1 | 223 | .... | ..... |
| | Great Britain | 19 | 30,645 | 1 | 299 | 2 | 2,103 | .... | ..... |
| | Halifax | 11 | 12,932 | 2 | 322 | .... | ..... | 1 | 90 |
| | Hamburg | .... | ..... | 1 | 266 | .... | ..... | .... | ..... |
| | Haiti | .... | ..... | .... | ..... | 1 | 1,748 | .... | ..... |
| | Havre | .... | ..... | .... | ..... | 1 | 1,417 | .... | ..... |
| | India | .... | ..... | 2 | 2,289 | .... | ..... | .... | ..... |
| | Navassa Island | .... | ..... | .... | ..... | .... | ..... | 1 | 215 |
| | Portugal | .... | ..... | 1 | 154 | .... | ..... | .... | ..... |
| | Santo Domingo | .... | ..... | .... | ..... | .... | ..... | 2 | 461 |
| | Spanish West Indies | 5 | 3,877 | 1 | 74 | 16 | 17,827 | 27 | 6,615 |
| | United States | 14 | 16,105 | 4 | 1,881 | 20 | 24,965 | 8 | 4,008 |
| | Venezuela | .... | ..... | 1 | 362 | .... | ..... | .... | ..... |
| | **Total British** | 121 | 129,557 | 58 | 18,365 | 120 | 129,640 | 53 | 15,256 |
| Danish .... | Brazil | .... | ..... | 7 | 2,062 | .... | ..... | .... | ..... |
| | Copenhagen | .... | ..... | 1 | 211 | .... | ..... | .... | ..... |
| | Danish West Indies | .... | ..... | .... | ..... | .... | ..... | 2 | 453 |
| | French West Indies | .... | ..... | .... | ..... | .... | ..... | 2 | 282 |
| | Holland | .... | ..... | 1 | 241 | .... | ..... | .... | ..... |
| | Mexico | .... | ..... | .... | ..... | .... | ..... | 1 | 266 |
| | Santo Domingo | .... | ..... | 2 | 282 | .... | ..... | .... | ..... |
| | Spanish West Indies | .... | ..... | .... | ..... | .... | ..... | 2 | 816 |
| | United States | .... | ..... | .... | ..... | .... | ..... | 2 | 499 |
| | Venezuela | .... | ..... | .... | ..... | .... | ..... | 2 | 481 |
| | **Total Danish** | .... | ..... | 11 | 2,796 | .... | ..... | 11 | 2,796 |
| Dutch ..... | British West Indies | .... | ..... | 1 | 393 | .... | ..... | 1 | 393 |
| | Dutch West Indies | .... | ..... | 1 | 296 | .... | ..... | 1 | 296 |
| | **Total Dutch** | .... | ..... | 2 | 689 | .... | ..... | 2 | 689 |
| French .... | British West Indies | .... | ..... | .... | ..... | .... | ..... | 1 | 387 |
| | France | 10 | 16,548 | .... | ..... | 10 | 16,484 | .... | ..... |
| | French West Indies | 15 | 10,914 | 1 | 387 | 15 | 11,057 | .... | ..... |
| | Santo Domingo | 4 | 5,681 | .... | ..... | 1 | 636 | .... | ..... |

*Commerce and navigation at St. Thomas during the year, etc.*—Continued.

NAVIGATION—Continued.

| Flag. | From and to— | Entered. | | | | Cleared. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Steamers. | | Sailing vessels. | | Steamers. | | Sailing vessels. | |
| | | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| French .... | Spain | 1 | 1,883 | ..... | ..... | ..... | ..... | ..... | ..... |
| | Spanish West Indies | 21 | 21,727 | ..... | ..... | 25 | 28,576 | ..... | ..... |
| | Total French | 51 | 56,753 | 1 | 387 | 51 | 56,753 | 1 | 387 |
| German ... | Brazil | 1 | 1,580 | 1 | 263 | 1 | 1,580 | ..... | ..... |
| | Bremen | 3 | 3,937 | ..... | ..... | ..... | ..... | ..... | ..... |
| | Colon | 5 | 8,276 | ..... | ..... | 3 | 4,280 | ..... | ..... |
| | Hamburg | 49 | 77,017 | 1 | 490 | 66 | 99,823 | ..... | ..... |
| | Havre | 1 | 1,487 | ..... | ..... | ..... | ..... | ..... | ..... |
| | Haiti | 25 | 36,822 | ..... | ..... | 15 | 21,481 | 1 | 490 |
| | Port Limon | 2 | 3,933 | ..... | ..... | 1 | 1,243 | ..... | ..... |
| | Santo Domingo | 8 | 11,029 | ..... | ..... | 10 | 14,117 | 1 | 389 |
| | Seville | ..... | ..... | 1 | 389 | ..... | ..... | ..... | ..... |
| | Spanish West Indies | 26 | 40,078 | ..... | ..... | 20 | 33,911 | 1 | 263 |
| | United States | 3 | 4,545 | ..... | ..... | 4 | 7,207 | ..... | ..... |
| | Venezuela | 8 | 12,304 | ..... | ..... | 11 | 17,361 | ..... | ..... |
| | Total German | 131 | 201,003 | 3 | 1,142 | 131 | 201,003 | 3 | 1,142 |
| Norwegian | Africa | ..... | ..... | 10 | 4,702 | ..... | ..... | 2 | 832 |
| | Brazil | ..... | ..... | 16 | 7,351 | ..... | ..... | ..... | ..... |
| | British Guiana | ..... | ..... | 3 | 1,113 | ..... | ..... | ..... | ..... |
| | British Honduras | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 354 |
| | British West Indies | ..... | ..... | 5 | 1,827 | ..... | ..... | 11 | 4,129 |
| | Danish West Indies | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 472 |
| | Denmark | ..... | ..... | 1 | 720 | ..... | ..... | 1 | 256 |
| | France | ..... | ..... | 9 | 4,693 | ..... | ..... | ..... | ..... |
| | French West Indies | ..... | ..... | 4 | 1,483 | ..... | ..... | ..... | ..... |
| | Germany | ..... | ..... | 4 | 1,803 | ..... | ..... | ..... | ..... |
| | Great Britain | ..... | ..... | 16 | 8,938 | ..... | ..... | 1 | 871 |
| | Halifax | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 937 |
| | Haiti | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 1,908 |
| | Mexico | ..... | ..... | ..... | ..... | ..... | ..... | 9 | 3,624 |
| | Norway | 1 | 580 | 1 | 516 | ..... | ..... | ..... | ..... |
| | Santo Domingo | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1,313 |
| | Spanish West Indies | ..... | ..... | 1 | 487 | 1 | 580 | 16 | 7,571 |
| | United States | ..... | ..... | ..... | ..... | ..... | ..... | 16 | 10,429 |
| | Total Norwegian | 1 | 580 | 70 | 33,983 | 1 | 580 | 67 | 32,696 |
| Russian ... | Bordeaux | 1 | 667 | ..... | ..... | ..... | ..... | ..... | ..... |
| | Brazil | ..... | ..... | 1 | 442 | ..... | ..... | ..... | ..... |
| | French West Indies | 3 | 1,914 | ..... | ..... | ..... | ..... | ..... | ..... |
| | Havre | 4 | 2,578 | ..... | ..... | 6 | 3,936 | ..... | ..... |
| | Haiti | 5 | 3,244 | ..... | ..... | 7 | 4,467 | ..... | ..... |
| | Santo Domingo | 1 | 692 | ..... | ..... | ..... | ..... | ..... | ..... |
| | Spanish West Indies | ..... | ..... | ..... | ..... | 1 | 692 | ..... | ..... |
| | United States | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1,241 |
| | Venezuela | ..... | ..... | 1 | 799 | ..... | ..... | ..... | ..... |
| | Total Russian | 14 | 9,095 | 2 | 1,241 | 14 | 9,095 | 2 | 1,241 |
| Spanish ... | Spanish West Indies | 11 | 3,978 | ..... | ..... | 11 | 3,978 | ..... | ..... |
| Swedish ... | Africa | ..... | ..... | 1 | 658 | ..... | ..... | ..... | ..... |
| | Brazil | ..... | ..... | 8 | 3,546 | ..... | ..... | ..... | ..... |
| | British Guiana | ..... | ..... | 1 | 237 | ..... | ..... | ..... | ..... |
| | British West Indies | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 673 |
| | Hamburg | ..... | ..... | 1 | 462 | ..... | ..... | ..... | ..... |
| | Mexico | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 311 |
| | Santo Domingo | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 462 |
| | Spain | ..... | ..... | 2 | 772 | ..... | ..... | ..... | ..... |
| | Spanish West Indies | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 2,115 |
| | United States | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1,396 |
| | Total Swedish | ..... | ..... | 13 | 5,675 | ..... | ..... | 12 | 4,957 |
| | Grand total | 361 | 477,043 | 209 | 84,793 | 360 | 477,126 | 201 | 83,961 |

SAMUEL B. HORN,
*Consul.*

ST. THOMAS, DANISH WEST INDIES.

# FRENCH WEST INDIES.

## MARTINIQUE.

*Value of declared exports from the consular district of Martinique to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Vanilla beans | | $521.66 | | $826.56 | $1,348.22 |
| Muscovado sugar | | | | 1,228.44 | 1,228.44 |
| Do | | | | 1,373.42 | 1,373.42 |
| Total | | 521.66 | | 3,428.42 | 3,950.08 |

ALFRED B. KEEVIL,
*Consul.*

## HAITI.

*Exports from Haiti during the year ending September 30, 1892.*

| Ports and articles. | Coffee. | Cocoa. | Logwood. | Cotton. |
|---|---|---|---|---|
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* |
| Port au Prince | 14,016,021 | 233,906 | 2,697,000 | 82,264 |
| Cape Haytien | 9,863,863 | 501,409 | 29,381,250 | ..... |
| St. Mark | 808,814 | ..... | 21,909,000 | 884,554 |
| Gonaives | 9,288,425 | ..... | 25,098,150 | 284,331 |
| Port de Paix | 2,473,147 | 16,911 | 24,484,500 | ..... |
| Petit Goave | 6,184,591 | ..... | 689,000 | ..... |
| Miragoane | 335,729 | ..... | 1,740,000 | ..... |
| Jeremie | 4,874,741 | 3,302,152 | 904,000 | ..... |
| Aquin | 174,750 | ..... | 5,513,797 | ..... |
| Aux Cayes | 6,950,864 | ..... | 1,840,000 | ..... |
| Jacmel | 12,860,948 | ..... | 286,000 | 62,297 |
| Total | 67,831,893 | 4,054,378 | 114,542,697 | 1,313,446 |

| | | | | | |
|---|---|---|---|---|---|
| Mahogany | pounds.. | 25,496 | Wax | pounds.. | 1,322 |
| Tortoise shell | do.... | 1,270½ | Lignum vitæ | do.... | 1,000 |
| Yellow wood | do.... | 3,000 | Rum | gallons.. | 1,071 |
| Hides | do.... | 154,997 | Honey | do.... | 6,000 |
| Guaiac | do.... | 157,300 | Goatskins | packages.. | 2,203 |
| Old copper | do.... | 3,892 | Salted peppers | barrels.. | 6 |
| Sugar | do.... | 40,094 | Sole leather | coils.. | 15 |
| Orange peel | do.... | 221,389 | | | |

STANISLAS GOUTIER, *Consul.*

CAPE HAITIEN, *December 20, 1892.*

*Exports declared for the United States during the year ended June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| CAPE HAYTIEN. | | | | | |
| Cocoa | $454.27 | $92.72 | | | $746.99 |
| Coffee | | 15,457.00 | | | 15,457.00 |
| Hides | 549.64 | 552.05 | | | 1,101.69 |
| Honey | 52.28 | | | $169.12 | 221.40 |
| Logwood | 23,456.74 | 39,802.87 | $15,883.07 | 33,122.56 | 112,265.24 |
| Peppers (salted) | 15.95 | | | | 15.95 |
| Goatskins | 621.28 | 546.13 | 349.75 | | 1,517.16 |
| Tortoise shells | | | | 137.00 | 137.00 |
| Total | 25,150.16 | 56,650.77 | 16,232.82 | 33,428.68 | 131,462.43 |
| PORT DE PAIX. | | | | | |
| Logwood | 81,587.63 | 97,695.67 | 74,097.37 | 71,732.19 | 325,112.86 |
| Hides | | | 201.92 | | 201.92 |
| Skins | 55.50 | | 94.50 | | 150.00 |
| Tortoise shell | 1,037.51 | | | | 1,037.51 |
| Sponges | 10.65 | | | | 10.65 |
| Total | 82,691.29 | 97,695.67 | 74,393.79 | 71,732.19 | 326,512.94 |

## CAPE HAITIEN.

*Statement showing the quantity of coffee shipped from Cape Haitien during the fiscal year ended September 30, 1891.*

| | Pounds. |
|---|---|
| To the United States | 60,782 |
| To Europe (Havre and Hamburg) | 10,020,897 |
| Total | 10,081,680 |

*Statement showing the quantity of coffee shipped from Cape Haitien from October 1, 1891, to May 11, 1892.*

| | Pounds. |
|---|---|
| To New York | 21,777 |
| To Boston | 50,000 |
| To New York in transit to Hamburg | 179,725 |
| To New York in transit to Havre | 1,035,450 |
| Direct to Europe | 8,053,848 |
| Total | 9,340,800 |

To approximate the quantity of coffee that will be shipped from May 11 to September 30, 1892, we might say that it will probably amount to 700,000 pounds, making, for year ending September 30, 1892, 10,040,800 pounds.

STANISLAS GOUTIER,
*Consul.*

CAPE HAITIEN, *May 13, 1892.*

## SANTO DOMINGO.

*Value of exports declared for the United States for the year ended June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| MONTE CHRISTI. | | | | | |
| Beeswax | $75.25 | | | $107.84 | $183.09 |
| Coffee | 470.50 | | $300.00 | 303.60 | 1,074.10 |
| Divi-divi | 1,080.00 | | | 2,454.42 | 3,534.42 |
| Dry hides | 336.08 | $641.53 | 305.70 | 1,048.90 | 2,332.20 |
| Fustic | 8,400.00 | 7,169.30 | | 14,225.00 | 29,794.30 |
| Goatskins | 1,082.80 | 2,332.40 | 385.70 | 3,894.20 | 7,695.10 |
| Honey | 911.00 | | | 72.00 | 983.00 |
| Lancewood | 200.00 | 335.00 | | | 535.00 |
| Logwood | 3,620.00 | 7,661.00 | 1,050.00 | 1,358.00 | 13,689.00 |
| Mangrove bark | | 31.40 | | | 31.40 |
| Satinwood | 650.00 | 960.00 | 620.00 | | 2,230.00 |
| Total | | | | | 62,081.61 |
| PUERTO PLATA. | | | | | |
| Coffee | | 450.05 | 353.26 | 528.85 | 1,332.16 |
| Cowhides | 7,345.09 | 5,169.25 | 4,334.40 | 3,408.87 | 20,257.61 |
| Goatskins | 6,091.70 | 3,508.20 | 2,225.20 | 1,948.81 | 13,778.91 |
| Honey | | | 201.75 | 361.28 | 563.03 |
| Molasses | | 248.25 | 725.60 | 1,956.21 | 2,930.06 |
| Oranges | | | | 457.80 | 457.80 |
| Sugar | 9,919.30 | | | 10,308.98 | 20,228.28 |
| Sundries | 10.00 | 1,067.22 | 184.25 | 40.55 | 1,252.02 |
| Total | 23,366.09 | 10,442.97 | 7,974.46 | 19,011.35 | 60,794.87 |
| Total for preceding year | 36,975.76 | 32,315.52 | 50,159.13 | 22,373.52 | 141,823.93 |
| Decrease | 13,609.67 | 21,872.55 | 42,184.67 | 3,362.17 | 81,029.06 |

## SPANISH WEST INDIES.

### CUBA.

*Value of exports declared for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| BARACOA. | | | | | |
| Bananas | $341,541.55 | $6,553.85 | $110,488.71 | $703,345.62 | $1,161,939.73 |
| Cocoanuts | 19,073.57 | 16,705.20 | 33,793.94 | 48,823.05 | 118,395.76 |
| Sundries | 3,577.05 | 6.50 | 1,394.70 | | 4,978.25 |
| Total | | | | | 1,285,313.74 |
| CIENFUEGOS. | | | | | |
| Ammonia | | | | 555.00 | 555.00 |
| Bones | | 768.92 | 524.12 | | 1,293.04 |
| Cheese and paper | | 3.15 | | | 3.15 |
| Cigarettes | | | 10.00 | | 10.00 |
| Engine | | | 60.00 | | 60.00 |
| Fowls | | | | 10.00 | 10.00 |
| Fruits | 9.27 | 5.00 | 13.20 | 15.00 | 42.47 |
| Hides | 9,706.59 | 10,552.34 | 8,306.42 | 4,673.91 | 33,539.26 |
| Honey | 2,957.63 | 498.25 | 5,295.40 | 6,193.60 | 14,946.88 |
| Locks | | | | 10.00 | 10.00 |
| Molasses | 2,173.19 | | | 3,523.44 | 5,696.63 |
| Printing type | | | 450.00 | | 450.00 |
| Sugar | 1,073,327.20 | 411,531.59 | 5,023,458.26 | 4,362,054.17 | 10,870,373.22 |
| Sweetmeats | 7.20 | 8.00 | 6.60 | 8.00 | 29.80 |
| Tobacco | | 19,586.02 | 108,879.07 | 3,922.10 | 132,387.19 |
| Wax | | | 2,822.43 | | 2,822.43 |
| Wood | 1,480.00 | | 398.10 | 234.74 | 2,022.84 |
| Total, pesos | | | | | 11,064,250.91 |
| Total, American | | | | | 10,245,496.34 |

*Value of exports declared for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **GIBARA.** | | | | | |
| Bananas | | $65,965.28 | $72,887.87 | $385,852.38 | $524,705.53 |
| Cedar | | | | 11,992.83 | 11,992.83 |
| Hides and skins | | 2,970.00 | 1,660.00 | 5,150.23 | 9,780.23 |
| Honey | | | 3,443.74 | 2,894.48 | 6,338.22 |
| Leaf tobacco | | 5,420.03 | 347.36 | | 5,767.39 |
| Mahogany and cedar | | 7,666.30 | | | 7,666.30 |
| Plantains | | 896.28 | 1,516.99 | 884.38 | 3,597.65 |
| Sugar | | 106,410.35 | 125,507.44 | 323,400.38 | 555,318.17 |
| Sirup | | | | 2,828.75 | 2,828.75 |
| Vegetables | | | 9.40 | 34.75 | 44.15 |
| Total, pesos | | 189,328.24 | 205,372.80 | 733,038.18 | 1,127,739.22 |
| Total, American | | | | | 1,044,286.51 |
| **GUANTANAMO.** | | | | | |
| Honey | | | 509.55 | | 509.55 |
| Cedar logs wood | | 1,234.74 | | | 1,234.74 |
| Lignum-vitæ | | | 113.96 | 446.86 | 560.82 |
| Mahogany wood | $669.84 | 1,423.87 | 4,284.16 | | 6,377.87 |
| Centrifugal sugar | 156,521.70 | | 1,010,680.27 | 1,018,328.12 | 2,185,530.09 |
| Molasses | 47,053.78 | | 16,757.67 | 278,309.68 | 342,121.13 |
| Samples | | | | 5.00 | 5.00 |
| Total | 204,245.32 | 2,658.61 | 1,032,345.61 | 1,297,089.66 | 2,536,339.20 |
| **MANZANILLO.** | | | | | |
| Almigue wood | | 399.08 | 765.25 | 368.00 | 1,532.33 |
| Cedar wood | 16,291.92 | 45,896.85 | 30,927.24 | 40,475.86 | 133,591.87 |
| Cocus wood | 54.81 | 210.00 | 1,113.50 | 2,695.50 | 4,073.81 |
| Fustic | | | | 311.45 | 311.45 |
| Honey | | | | 258.30 | 258.30 |
| Mahogony wood | 7,140.25 | 19,266.45 | 40,298.22 | 39,633.81 | 106,338.73 |
| Machinery returned | 270.00 | 4,500.00 | | 1,875.50 | 6,645.50 |
| Manganese ore | | 5,250.00 | | 2,960.00 | 8,210.00 |
| Molasses | | | 3,767.82 | 2,364.20 | 6,132.02 |
| Sugar, centrifugal | 68,812.09 | | 916,241.74 | 829,075.82 | 1,814,129.65 |
| Spars, dagame and lance wood | | 110.00 | 765.25 | 1,120.50 | 1,995.75 |
| Tobacco | | | 6,753.46 | | 6,753.46 |
| Tamaguey wood | | | 158.25 | | 158.25 |
| Total | | | | | 2,090,230.11 |
| **NUEVITAS.** | | | | | |
| Bees wax | | | 641.25 | 1,359.15 | 2,000.40 |
| Cedar | | 26,582.71 | 13,749.29 | 16,942.46 | 57,274.46 |
| Hides, salted | | 5,543.18 | 19,733.63 | 5,730.07 | 31,012.88 |
| Honey | | 5,010.85 | 5,180.56 | 892.00 | 11,083.41 |
| Mahogany | | 3,421.17 | 5,628.80 | 3,502.94 | 12,552.91 |
| Melado | | | | 370.19 | 370.19 |
| Molasses | | 137.74 | 25,482.91 | 37,358.45 | 62,979.10 |
| Sugar | | | 252,262.29 | 482,907.17 | 735,169.46 |
| Other articles | | | | | 97.47 |
| Total, pesos | | 40,768.12 | 322,678.73 | 549,093.43 | 912,540.28 |
| Total, American | | | | | 832,273.30 |
| **SAGUA LA GRANDE.** | | | | | |
| Brass | | | | 143.52 | 143.52 |
| Copper | 148.50 | | | 136.00 | 284.50 |
| Guava | | 725.67 | | | 725.67 |
| Hides | 796.51 | 4,691.16 | | | 5,487.67 |
| Honey | 1,688.58 | | | 2,597.65 | 4,286.23 |
| Molasses | | | | 16,180.36 | 16,180.36 |
| Sugar | 1,731,981.49 | 92,967.73 | 3,327,329.21 | 3,900,045.95 | 9,052,324.38 |
| Wax | 552.50 | | | 526.50 | 1,079.00 |
| Total, pesos | 1,735,167.58 | 98,384.56 | 3,327,329.21 | 3,919,629.98 | 9,080,511.33 |
| Total, American | | | | | 8,408,553.49 |

*Value of exports declared for the United States, etc.*—Continued.

| Articles. | Quarter ending— Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | Total. |
|---|---|---|---|---|---|
| SANTA CRUZ. | | | | | |
| Logs of mahogany | $9,622.90 | $9,622.00 | $57,150.86 | $95,590.00 | $171,746.96 |
| Logs of cedar | 9,173.00 | 9,173.00 | 58,030.65 | 65,509.00 | 141,885.58 |
| Tons of logwood | | | 26,485.50 | 22,873.00 | 59,308.58 |
| Cases of beeswax | | | 979.66 | 3,028.00 | 4,007.660 |
| Honey | | | | 1,368.00 | 1,368.00 |
| Turtle | | | | 276.00 | 276.00 |
| Total | | | | | 378,830.67 |
| TRINIDAD DE CUBA. | | | | | |
| Sugar | 36,868.75 | | 188,947.53 | 264,112.14 | 490,283.42 |
| Melado | | | | 18,996.25 | 18,996.25 |
| Total, pesos | | | | | 508,919.67 |
| Total, American | | | | | 471,259.61 |

## MATANZAS.

*Exports to the United States for the fiscal year 1893.*

| Quarters ending— | Honey. | Hides. | Molasses. | | Sugar. | | Value in United States gold. |
|---|---|---|---|---|---|---|---|
| | *Tierces.* | *Bundles.* | *Tierces.* | *Hhds.* | *Hhds.* | *Bags.* | |
| September 30, 1892 | | 175 | 224 | 2,177 | 528 | 418,568 | $3,812,978.59 |
| December 31, 1892 | | | | | | 34,403 | 332,955.87 |
| March 31, 1893 | | | | | 413 | 514,645 | 5,752,577.07 |
| June 30, 1893 | 53 | 346 | 807 | 8,554 | 1,653 | 254,930 | 3,398,274.44 |
| Total | 53 | 521 | 1,031 | 10,731 | 2,594 | 1,222,546 | 13,296,785.88 |

ELIAS H. CHENEY,
*Consul.*

MATANZAS, *June 30, 1893.*

## SAGUA LA GRANDE.

*Exports to the United States during the year ending June 30, 1893.*

| To— | Sugar. Hogsheads. | Bags. | Barrels. | Molasses. Hogsheads. | Tierces. | Brass. Hogsheads. | Barrels. | Copper, hogsheads. | Honey. Hogsheads. | Tierces. | Barrels. | Wax. Hogsheads. | Barrels. | Guava, boxes. | Hides | Value. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | *Pesos.* |
| Boston | | 37,974 | | | | | | | | | | | | | | 464,617.34 |
| New Orleans | | 20,000 | | | | | | | | | | | | | | 276,353.74 |
| New York | 3,580 | 367,298 | | 397 | 60 | | | | 8 | 19 | 2 | 2 | 1 | 13 | 2,479 | 4,751,396.58 |
| Philadelphia | 6,592 | 285,332 | 6 | 332 | 25 | 1 | 1 | 1 | 4 | 40 | | 2 | | | | 3,588,143.67 |
| Total | 10,172 | 707,604 | 6 | 729 | 85 | 1 | 1 | 3 | 12 | 59 | 2 | 4 | 1 | 13 | 2,479 | 9,080,511.33 |
| FLAG. | | | | | | | | | | | | | | | | |
| American | | 255,200 | | 397 | 60 | | | | 6 | | | | | | | 3,264,366.04 |
| British | 10,172 | 369,427 | 6 | 332 | 25 | 1 | 1 | 3 | 6 | 59 | 2 | 4 | 1 | 13 | 2,479 | 4,715,103.44 |
| German | | 17,045 | | | | | | | | | | | | | | 192,259.43 |
| Spanish | | 43,500 | | | | | | | | | | | | | | 647,080.30 |
| Norwegian | | 22,426 | | | | | | | | | | | | | | 261,702.12 |
| Total | 10,172 | 707,604 | 6 | 729 | 85 | 1 | 1 | 3 | 12 | 59 | 2 | 4 | 1 | 13 | 2,479 | 9,080,511.33 |

Total value in United States gold, $8,408,553.09.

D. M. MULLEN,
*Commercial Agent.*

## PORTO RICO.

### AGUADILLA.

#### EXPORTS.

The year ended June 30, 1893, has not been a favorable one for agriculture, and in consequence trade has not come up to last year's results. Though prices for the chief staples, sugar and coffee, have been very good the crops were small.

*Sugar.*—The exports of sugar in 1893 amounted to 35,995 quintals, against 45,650 in 1892, 47,427 in 1891, and 27,015 in 1890. Of the 1893 crop 8,000 to 9,000 quintals remain (partly yet unsold) for export and local consumption, making the total yield come up to about 35,000 quintals, which is very unsatisfactory. The reason for such small production is the dry weather prevailing in the northern part of this district, where mostly all canes planted by the smaller farmers are being ruined by the drought, and to the precarious financial situation of planters in the southern portion, who, with very few exceptions, are embarrassed by want of proper means and credit and by an unjust system of taxation. It is, therefore, not to be wondered at that the cane cultivation declines more and more; but still, with present good prices of about $5, planters are again entertaining hopes for a change for the better, and will undoubtedly continue battling against all inconveniences.

No molasses was exported in 1893; of late years it is used for distilling purposes.

*Rum.*—A lively demand prevails for rum, owing to the great consumption and small production, in consequence of the unsatisfactory quantity of molasses offering. Sales at the beginning of the crop were made at $6 and $7, but since prices have risen to $12 per 100 cuartillos, equal to 77 liters.

*Coffee.*—The exports of coffee comprise balance of crop of 1891-'92, 1,045 quintals and of crop 1892-'93, 28,850 quintals; making a total of 29,895 quintals, against 53,095 in 1892, 23,045 in 1891, and 45,573 in 1890.

The prospects held out last year for a good crop have not been realized, but the short fall in exports is chiefly due to the circumstance that much of the staple instead of coming this way, has been sold to Mayaguez, Arecibo, and even St. John, direct from the interior. The bad state of the roads from the center of production, and consequent high cartage, as well as the better prices offered by purchasers at the other ports, are the reasons for the decrease in business at this port. Prices have been very satisfactory to the planters. Purchasers complain about the disproportion between the prices and the low profits and commission in view of the large means required to handle coffee at present values. A fair yield is reported for next season.

*Tobacco.*—The yield of tobacco in 1892 resulted a little better than was anticipated and exports comprise 7,355 quintals of the 1892 crop, 50 quintals, samples of this year's crop against 5,625 in 1892, 9,996 in 1891, and 6,115 quintals in 1890.

The tobacco grown during the last six months of the fiscal year 1893 is yet in the country, and will, as usual, be sold in July or August. The purchasers for the Spanish Government will be very likely to have it all their own way, as there is hardly any competition.

*Cocoanuts.*—The exports of cocoanuts during the year 1893 amounted to 314,870, against 137,783 in 1892, 390,000 in 1891, and 676,500 in 1890. The demand for the United States appears to be very limited, and prices here in consequence are declining, ruling at from $14 to $15 per 1,000 husked cocoanuts.

*Satinwood.*—Only a small lot of 93 pieces of satinwood was shipped to the United States. Suitable quality is very scarce, there being hardly any trees of this valuable species left in the interior. What is still offering are trees felled years ago for clearing the woodlands and since left as they fell.

#### IMPORTS.

In this line of business no material change has to be recorded. The New York and Porto Rico Steamship Line is the only one which supplies this town and district with mostly everything which is being ordered from here in the line of American provisions, breadstuffs, white-pine lumber, kerosene, agricultural implements, etc. Two small cargoes of pitch-pine lumber from Wilmington, N. C., have arrived and are being retailed. The direct importations from the United States amounted, as far as I am able to ascertain, to $55,000. Much, however, arrives coastwise and by rail from Mayaguez, about which no statistics are obtainable.

### NAVIGATION.

One steamer and six sailing vessels during the year under record are all the arrivals under the American flag. From New York ten British steamers of the New York and Porto Rico Steamship Line entered. The European steamers arriving belong to the Hamburg-American Packet Company and a line of Liverpool steamers under the Spanish flag. No French steamers of the Cie. Générale Transatlantique have made their appearance, and the total number of arrivals is less than in 1892.

### PUBLIC WORKS.

The construction of the light-house on Desecheo Island, mentioned in my last report, has been postponed. To the south of Cape San Francisco, at Punta Higuero, a light-house has been erected, showing a white light, elevation 69 feet, radius 8 miles, burning since 15th of January, invisible from this port. The portion of the Puerto Rico belt railroad between this town and Mayaquez has at last, after four years work thereon, been opened on December 30. For repairs respecting new construction of the road leading into the interior, via Moca, Pepino to Lares, funds have been voted by the provincial government some time ago, but work has not begun yet.

### EXPORTS.

| Description. | Quantity. | Value. | Whither exported. |
|---|---|---|---|
| Muscovado sugar.....quintals.. | 33,245 | $117,494 | United States. |
| Cartrip sugar.....do.... | 2,450 | 11,272 | Do. |
| Do.....do.... | 300 | 1,709 | Spain. |
| Tobacco.....do.... | 7,380 | 60.040 | Do. |
| Do.....do.... | 25 | 200 | Germany. |
| Coffee.....do.... | 2,229 | 62,204 | Do. |
| Do.....do.... | 4,515 | 126,428 | Sweden and Norway. |
| Do.....do.... | 3,790 | 107,770 | Austria-Hungary. |
| Do.....do.... | 3,102 | 88,122 | France and Havre f. o. |
| Do.....do.... | 730 | 20,633 | Italy. |
| Do.....do.... | 120 | 3,330 | Belgium. |
| Do.....do.... | 72 | 2,010 | Holland. |
| Do.....do.... | 360 | 9,990 | Denmark. |
| Do.....do.... | 2,970 | 86,155 | Spain. |
| Do.....do.... | 7,277 | 204,698 | Island of Cuba. |
| Do.....do.... | 4,730 | 123,515 | Coastwise. |
| Cocoanuts.....number.. | 5,520 | 102 | Do. |
| Do.....do.... | 309,350 | 5,098 | United States. |
| Satinwood.....pieces.. | 93 | 417 | Do. |
| Total..... | ..... | 1,031,187 | |

AUG. GAUSLANDT,
*Consular Agent.*

AGUADILLA, *June 30, 1893.*

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## FAJARDO.

*Imports and exports between Fajardo and the United States for the year 1892-'93.*

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Amount. | Value. | Amount. | Value. |
| Shooks.....kilograms.. | 370,500 | $7,687.70 | ..... | ..... |
| Boards.....cubic meters.. | 99 | 884.35 | ..... | ..... |
| Sugars.....pounds.. | ..... | ..... | 9,788,059 | $333,888.17 |
| Molasses.....gallons.. | ..... | ..... | 816,665 | 71,821.15 |
| Total..... | ..... | 8,572.05 | ..... | 405,709.32 |

J. V. LOPEZ,
*Consular Agent.*

FAJARDO, PORTO RICO, *June 30, 1893.*

## PONCE.

*Exports from Ponce to the United States during the year ending June 30, 1893.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Annotto.....pounds.. | 8,454 | $394.18 |
| Banana flour.....do.... | 30 | 6.00 |
| Bay rum.....gallons.. | 1,380 | 966.00 |
| Coffee.....pounds.. | 350,540 | 103,111.74 |
| Guava jelly and marmalade.....cases.. | 135 | 763.10 |
| Machinery.....crate.. | 1 | 340.00 |
| Molasses.....gallons.. | 1,705,989 | 650,190.39 |
| Preserves.....case.. | 1 | 5.00 |
| Pork.....barrels.. | 3 | 42.75 |
| Shells.....cases.. | 5 | 10.00 |
| Sugar.....pounds.. | 13,403,535 | 477,431.94 |
| Surgical goods (returned).....case.. | 1 | 29.73 |
| Tacks.....packages.. | 18 | 399.00 |
| Telephone wire.....cases.. | 10 | 500.00 |
| Electric apparatus.....box.. | 1 | 10.60 |
| Total..... | ..... | 1,234,202.83 |

PONCE, *June 30, 1893.*

F. W. PRESTON,
*Acting Consular Agent.*

# CONTINENT OF ASIA.

## ASIATIC TURKEY.

### ASIA MINOR.

*Value of declared exports from the consular district of Smyrna to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Canary seed | $5,708.63 | $4,206.16 | $3,749.68 | ..... | $13,754.47 |
| Carpets and rugs | 97,827.73 | 49,410.46 | 54,070.72 | $64,557.11 | 265,866.02 |
| Emery stone | 15,460.74 | 22,565.44 | 30,717.28 | 19,826.66 | 88,570.12 |
| Figs | 384,868.23 | 138,414.59 | 992.64 | ..... | 524,275.46 |
| Goatskins | 11,830.85 | 10,170.95 | 5,166.04 | ..... | 27,167.84 |
| Iron ore | 88,515.42 | ..... | ..... | 38,959.01 | 127,474.43 |
| Licorice root | 122,207.00 | 90,611.47 | 54,480.36 | 111,848.04 | 388,146.87 |
| Opium | 44,297.75 | 115,724.09 | 174,627.20 | 78,912.60 | 413,561.64 |
| Raisins | 86,190.72 | 100,902.47 | 17,535.32 | ..... | 204,628.51 |
| Wool | 137,016.22 | 60,638.67 | 16,617.48 | 18,246.20 | 236,518.57 |
| Sundries | 18,568.38 | 4,370.92 | 19,239.92 | 2,530.00 | 44,709.22 |
| Total | 1,012,491.67 | 615,105.22 | 377,196.64 | 329,879.62 | 2,334,673.15 |

W. C. EMMET,
*Consul.*

## SYRIA.

### BEIRUT.

*Commerce and navigation at Beirut for the year ending June 30, 1893.*

IMPORTS.

(Duty, 8 per cent.)

| Articles. | Quantity. | Value entered. | Whence imported. |
|---|---|---|---|
| Caps | ..... | $161,000 | Austria, Germany. |
| Chinese silk ..... pounds.. | 55,864 | 113,000 | China. |
| Coal ..... tons.. | 12,000 | 80,000 | England, France. |
| Coffee ..... pounds.. | 795,000 | 168,000 | Yamen, England, France, Austria. |
| Copper, brass | ..... | 82,000 | France, England, India, etc. |
| Cotton goods and cloth | ..... | 526,000 | Germany, Austria, France. |
| Drugs and groceries | ..... | 167,000 | Europe and United States. |
| English and other woolens | ..... | 330,000 | England, France, Austria, Germany, Belgium. |
| Glassware and earthenware | ..... | 160,000 | Do. |
| Hardware | ..... | 177,000 | Do. |
| Hides ..... pounds.. | 258,000 | 97,000 | England, Egypt, India. |
| Indigo ..... do.... | 280,000 | 160,000 | India. |
| Iron and steel | ..... | 152,000 | England, Belgium, Sweden. |
| Leather and morocco | ..... | 497,000 | France, Russia, United States, Germany. |
| Manchester goods | ..... | 4,200,000 | England. |
| Petroleum ..... cases.. | 89,441 | 73,000 | Russia. |
| Rice | ..... | 322,000 | England, Italy, Egypt, Japan. |
| Silk goods | ..... | 121,000 | France. |
| Stationery | ..... | 100,000 | Austria, France, England. |
| Sugar ..... pounds.. | 7,703,000 | 294,000 | Austria, France, Egypt. |
| Timber | ..... | 110,000 | Anatolia and Danubian Principalities. |
| Miscellaneous | ..... | 300,000 | |
| Total | ..... | $8,390,000 | |

*Commerce and navigation at Beirut for the year ending June 30, 1893*—Continued.

EXPORTS.

| Articles. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| Apricots and almonds.....pounds.. | 798, 660 | $36, 000 | France, Austria. |
| Cotton goods | ..... | 165, 000 | Egypt, Turkey. |
| Oriental "Zuke" work | ..... | 50, 000 | United States, Egypt, France. |
| Raw silk.....pounds.. | 780, 000 | 3, 850, 000 | France, England, Egypt, United States. |
| Sheep, oxen, horses, etc | ..... | 20, 000 | Egypt, United States. |
| Silk goods | ..... | 290, 000 | Egypt. |
| Soap.....pounds.. | 687, 000 | 37, 000 | Egypt, Turkey. |
| Tobacco.....do.... | 448, 000 | 42, 000 | Egypt. |
| Wool.....do.... | 4, 900, 000 | 280, 000 | United States, England, Italy, France. |
| Miscellaneous | ..... | 1, 000, 000 | |
| Total | ..... | $5, 770, 000 | |

TRADE WITH THE UNITED STATES.

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Amount. | Value. | Amount. | Value. |
| Animals | ..... | ..... | ..... | $14, 421. 73 |
| Bitumen | ..... | ..... | ..... | 9, 178. 93 |
| Buttons and pencils | ..... | $180. 00 | ..... | ..... |
| Books | ..... | ..... | ..... | 263. 95 |
| Lamps | ..... | 300. 00 | ..... | ..... |
| Leather | ..... | 3, 500. 00 | ..... | ..... |
| Licorice root | ..... | ..... | ..... | 154. 62 |
| Oriental sundry goods and provisions | ..... | ..... | ..... | 15, 303. 98 |
| Petroleum.....cases.. | 15, 500 | 11, 600. 00 | ..... | ..... |
| Printing articles | ..... | ..... | ..... | 133. 58 |
| Provisions | ..... | 2, 300. 00 | ..... | ..... |
| Sewing machines | ..... | 20, 000. 00 | ..... | ..... |
| Unwashed wool | ..... | ..... | ..... | 259, 959. 92 |
| Wooden tongs | ..... | 150. 00 | ..... | ..... |
| Miscellaneous | ..... | 700. 00 | ..... | ..... |
| Total | ..... | $38, 730. 00 | ..... | $299, 416. 71 |

NAVIGATION AT BEIRUT.

| Flag and from and to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Austrian: Trieste to Constantinople | 96 | 101, 418 | ..... | ..... | 96 | 101, 418 | 96 | 101, 418 | ..... | ..... | 96 | 101, 418 |
| Egyptian: Alexandria to Mersina | 102 | 92, 941 | ..... | ..... | 102 | 92, 941 | 102 | 92, 941 | ..... | ..... | 102 | 92, 941 |
| English: Liverpool to Syrian coast | 130 | 89, 744 | ..... | ..... | 130 | 89, 774 | 130 | 89, 774 | ..... | ..... | 130 | 89, 774 |
| French: Marseilles to Constantinople | 77 | 124, 598 | ..... | ..... | 77 | 124, 598 | 77 | 124, 598 | ..... | ..... | 77 | 124, 598 |
| German: Mediterranean | 1 | 1, 113 | ..... | ..... | 1 | 1, 113 | 1 | 1, 113 | ..... | ..... | 1 | 1, 113 |
| Greek: Mediterranean | 1 | 555 | 50 | 13, 030 | 51 | 13, 585 | 1 | 555 | 50 | 13, 030 | 51 | 13, 585 |
| Italian: Mediterranean | 14 | 8, 050 | 19 | 5, 717 | 33 | 13, 767 | 14 | 8, 050 | 19 | 5, 717 | 33 | 13, 767 |
| Jerusalem (Ottoman): Mediterranean | ..... | ..... | 11 | 399 | 11 | 399 | ..... | ..... | 11 | 399 | 11 | 399 |
| Ottoman: Constantinople to Alexandria | 90 | 82, 526 | 2, 472 | 42, 629 | 2, 562 | 125, 155 | 90 | 82, 526 | 2, 472 | 42, 629 | 2, 562 | 125, 155 |
| Russian: Odessa to Alexandria | 45 | 60, 731 | ..... | ..... | 45 | 60, 731 | 45 | 60, 731 | ..... | ..... | 45 | 60, 731 |
| Samosian (Ottoman): Mediterranean | ..... | ..... | 2 | 195 | 2 | 195 | ..... | ..... | 2 | 195 | 2 | 195 |
| Spanish: Mediterranean | 6 | 4, 188 | ..... | ..... | 6 | 4, 188 | 6 | 4, 188 | ..... | ..... | 6 | 4, 188 |
| Swedish: Mediterranean | 4 | 4, 050 | ..... | ..... | 4 | 4, 050 | 4 | 4, 050 | ..... | ..... | 4 | 4, 050 |
| Total | 566 | 569, 914 | 2, 554 | 61, 970 | 3, 120 | 631, 884 | 565 | 569, 914 | 2, 554 | 61, 970 | 3, 120 | 631, 884 |

CONSTANTINE KHOURI,
*Acting Consul.*

## ACCA AND HAIFA.

*Commerce and navigation at Acca and Haifa for the year ending June 30, 1893.*

### IMPORTS.

[Duty 8 per cent.]

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| | *Pounds.* | | | |
| Coffee | 360,000 | $34,600 | $6,768 | France, Hejjas (Mecca.) |
| Dry goods | ..... | 176,000 | 14,080 | United States, England, Germany. |
| Lumber | ..... | 37,800 | 3,024 | Greece, Roumania, Trieste. |
| Railway plant and materials | ..... | 75,600 | free | England, Manchester. |
| Rice | 1,200,000 | 37,200 | 2,976 | India, Genoa, Italy. |
| Sugar | 673,000 | 33,650 | 2,692 | Austria, France. |
| Tiles for roofing | ..... | 26,000 | 2,080 | France, Italy. |
| All other | ..... | 1,800 | 144 | |
| Total | ..... | 472,650 | $1,764 | |

### EXPORTS.

| Articles. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| Barley | 4,800,000 | $35,000 | Egypt, Turkey, Greece. |
| Beans | 600,500 | 7,206 | France. |
| Durrah (maize) | 21,400,000 | 192,600 | Algiers, France. |
| Olive oil: | | | |
| Not refined | 1,650,000 | 115,500 | France. |
| Refined ..... gallons | 857½ | 840 | United States. |
| Peas | 823,000 | 8,220 | France. |
| Sesame | 6,370,000 | 254,800 | France. |
| Soap, white castile | 49,873½ | 4,164 | United States. |
| Wine, "Carmel" ..... gallons | 11,060 | 4,424 | Germany, England, Egypt. |
| Wheat (from Hauran) | 92,950,000 | 1,208,350 | France, Italy, Greece. |
| Wool | 180,100 | 9,107 | France. |
| Total | ..... | 1,840,211 | |

### TRADE WITH THE UNITED STATES.

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Amount. | Value. | Amount. | Value. |
| Harvesting machines | ..... | $450 | ..... | ..... |
| Dry goods, hardware, cornstarch, beef, dried apples | ..... | 663 | ..... | ..... |
| Olive oil, refined ..... gallons | ..... | ..... | 857½ | $840 |
| Saddlery ware, canvas cloth | ..... | 265 | ..... | ..... |
| Soap, white castile ..... pounds | ..... | ..... | 49,873½ | 4,164 |
| Total | ..... | 1,378 | ..... | 5,004 |

*Commerce and navigation at Acca and Haifa, etc.*—Continued.

NAVIGATION.

| Flag, and from or to— | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| Austrian: | | | | | | | | | | | | |
| Trieste, Constantinople, and vice versa | No. 52 | Tons. 159,000 | No. 4 | Tons. 2,400 | No. 56 | Tons. 161,400 | No. 52 | Tons. 159,000 | No. 4 | Tons. 2,400 | No. 56 | Tons. 159,000 |
| Alexandria, Mersina | 4 | 12,000 | .... | ..... | 4 | 12,000 | 4 | 12,000 | .... | ..... | 4 | 12,000 |
| British: Liverpool | 14 | 16,500 | 6 | 3,500 | 20 | 20,000 | 14 | 16,500 | 6 | 3,500 | 20 | 16,500 |
| French: | | | | | | | | | | | | |
| Marseilles, Turkey | 26 | 61,000 | 4 | 1,800 | 30 | 62,800 | 26 | 61,000 | 4 | 1,800 | 30 | 61,000 |
| Italy, Marseilles, Turkey | 12 | 23,000 | .... | ..... | 12 | 23,000 | 12 | 23,000 | .... | ..... | 12 | 23,000 |
| Greek: Athens, Turkey | 6 | 9,000 | 36 | 17,100 | 42 | 26,100 | 6 | 9,000 | 36 | 17,100 | 42 | 9,000 |
| Italian: Genoa, Turkey | 10 | 22,000 | .... | ..... | 10 | 22,000 | 10 | 22,000 | .... | ..... | 10 | 22,000 |
| Ottoman: Greece, Constantinople | 26 | 52,600 | 720 | 51,800 | 746 | 104,400 | 26 | 52,600 | 720 | 51,800 | 746 | 52,600 |
| Swedish: Liverpool, London, Marseilles, Alexandria | 6 | 7,800 | .... | ..... | 6 | 7,700 | 6 | 7,800 | .... | ..... | 6 | 7,800 |
| Total | .... | ..... | .... | ..... | 926 | 439,500 | .... | ..... | .... | ..... | 926 | 439,500 |

GOTTLIEB SCHUMACHER,
*Consular Agent.*

## ALEPPO.

*Exports from the Consular Agency of Aleppo to the United States for the year ending June 30, 1893.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Licorice root | 17,097,107 | $307,691.50 |
| Turkish rugs | ..... | 133.90 |
| Unwashed wool | 2,079,433 | 167,595.00 |
| Washed wool | 928 | 1,284.75 |
| Various goods | ..... | 701.20 |
| Total | ..... | 477,336.35 |
| Total for preceding year | ..... | 297,796.25 |
| Increase | ..... | 179,540.10 |

F. POCHE,
*Consular Agent.*

## DAMASCUS.

*Exports to the United States from Damascus for the year ending June 30, 1893.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Oriental goods | ..... | $13,891.69 |
| Wool ..... bales | 1,451 | 68,569.05 |
| Total | ..... | 81,460.74 |

NASIF MESHAKA,
*Consular Agent.*

## MERSINA.

*Commerce and navigation at Mersina for the year ending June 30, 1899.*

### IMPORTS.

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| | *Tons.* | | | |
| Tobacco | 285 | $400,000 | $32,000 | Turkey. |
| Manufactures, bags | 1,890 | 340,000 | 27,200 | England, France, Germany, Austria. |
| Colonials | 2,380 | 276,000 | 22,080 | England, France, Austria. |
| Metals | 1,100 | 74,000 | 5,920 | England, Belgium, Austria. |
| Petroleum | 2,000 | 60,000 | 4,800 | Russia. |
| Skins | 60 | 35,000 | 2,800 | Turkey and France. |
| Paper and matches | 85 | 31,000 | 2,480 | Austria. |
| Sundries | 8,400 | 350,000 | 28,000 | Various. |
| Total | 11,200 | 1,566,000 | 125,280 | |

### EXPORTS.

| Articles. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| | *Tons.* | | |
| Cereals | 78,000 | $2,045,000 | France, England, Turkey. |
| Cotton | 6,000 | 1,060,000 | France, Austria, Turkey. |
| Oleaginous seeds | 9,000 | 260,000 | France, England. |
| Wool | 860 | 172,000 | France, Turkey. |
| Gum dragon and yellow berries | 390 | 96,000 | Do. |
| Skins | 540 | 54,000 | Do. |
| Twisted cotton | 440 | 187,000 | Turkey. |
| Cocoons | 80 | 50,000 | France. |
| Sundries | 5,040 | 360,000 | Various. |
| Total | 100,350 | 4,304,000 | |

### TRADE WITH THE UNITED STATES.

| Articles. | Imports. | Exports. |
|---|---|---|
| Missionary goods | $3,000 | |
| Sundry dry goods | | $1,481.72 |

### NAVIGATION.

| Flag and trade. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| French: International trade | 66 | 111,205 | .... | ..... | 66 | 111,205 | 66 | 111,205 | .... | ..... | 66 | 111,205 |
| English: | | | | | | | | | | | | |
| International trade | 24 | 24,091 | .... | ..... | 24 | 24,091 | 24 | 24,091 | .... | ..... | 24 | 24,091 |
| Coasting trade | 68 | 30,600 | .... | ..... | 68 | 30,600 | 68 | 30,600 | .... | ..... | 68 | 30,600 |
| Egyptian: Coasting trade | 63 | 56,700 | .... | ..... | 63 | 56,700 | 63 | 56,700 | .... | ..... | 63 | 56,700 |
| Greek: | | | | | | | | | | | | |
| Coasting trade | 52 | 16,375 | .... | ..... | 52 | 16,375 | 52 | 16,375 | .... | ..... | 52 | 16,375 |
| International trade | 6 | 3,777 | 38 | 10,291 | 44 | 14,068 | 6 | 3,777 | 38 | 10,291 | 44 | 14,068 |
| Austrian: International trade | 22 | 23,141 | 1 | 325 | 23 | 23,469 | 22 | 23,144 | 1 | 325 | 23 | 23,469 |
| Turkish: Coasting trade | 67 | 69,368 | 522 | 14,358 | 589 | 83,726 | 67 | 69,368 | 522 | 14,358 | 589 | 83,726 |
| Swedish: International trade | 8 | 4,281 | .... | ..... | 8 | 4,281 | 8 | 4,281 | .... | ..... | 8 | 4,281 |
| German: International trade | 8 | 2,615 | .... | ..... | 8 | 2,615 | 8 | 2,615 | .... | ..... | 8 | 2,615 |
| Italian: International trade | 6 | 3,780 | 3 | 1,085 | 9 | 4,865 | 6 | 3,780 | 3 | 1,085 | 9 | 4,865 |
| Various | 2 | 1,252 | 10 | 517 | 12 | 1,769 | 2 | 1,252 | 10 | 517 | 12 | 1,769 |
| Total | 387 | 347,188 | 574 | 26,576 | 961 | 373,764 | 387 | 347,188 | 574 | 26,576 | 961 | 373,764 |

N. S. DARA,
*Acting Consular Agent.*

# BRITISH INDIA.

## BOMBAY.

*Value of declared exports from the consular district of Bombay to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Woodwork and brass work | $2,994.45 | | | $7,030.00 | $10,024.45 |
| Woolen carpets | 8,488.52 | $10,550.00 | $10,283.00 | 4,979.00 | 34,300.52 |
| Silverware | 108.38 | | | | 108.38 |
| Natural history specimens | 104.90 | | | | 104.90 |
| Indian condiments | 386.68 | 1,070.00 | | 451.00 | 1,907.68 |
| Weed seed | 50.50 | | | | 50.50 |
| Coir yarn | 1,656.28 | | | | 1,656.28 |
| Mustard seed | 777.36 | | | 13,437.00 | 14,214.36 |
| Sandalwood and oils | 1,002.66 | | | 2,648.00 | 3,650.66 |
| Dates | 613.77 | 12,350.00 | | | 12,963.77 |
| Furniture | | 600.00 | | | 600.00 |
| Damaged medicine | | 130.00 | | | 130.00 |
| Fish bladders | | 1,780.00 | | | 1,780.00 |
| Fenugreek seed | | 400.00 | | 1,545.00 | 1,945.00 |
| Curiosities | | 860.00 | 154,906.00 | 6,654.00 | 162,420.00 |
| Mother-of-pearl and tortoise shells | | 2,000.00 | | 119.00 | 2,119.00 |
| Human hair | | | 50.00 | | 50.00 |
| Stuffed birds | | | | 1,621.00 | 1,621.00 |
| Spices and seeds | | | | 392.00 | 392.00 |
| Total | 16,183.50 | 29,740.00 | 165,239.00 | 38,876.00 | 250,038.50 |

H. BALLANTINE, JR.,
*Vice-Consul.*

## CEYLON.

*Statement showing the commerce of Ceylon for the fiscal year 1893.*

IMPORTS.

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| Acids ..... packages | 740 | $5,300 | $340 | Great Britain and Germany. |
| Animals and poultry ..... head | 82,323 | 385,510 | Free. | British India and Australia. |
| Arms ..... cwt. | 998 | 23,450 | 5,178 | Great Britain and France. |
| Ammunition ..... do. | 206 | | | |
| Asphalt ..... tons | 543 | 800 | 45 | Do. |
| Beef and pork, salted ..... cwt. | 246 | 3,690 | 103 | Great Britain, British India, and Australia. |
| Books and maps ..... packages | 668 | 35,900 | Free. | Great Britain, British India, and France. |
| Boots and shoes ..... do. | 687 | 18,359 | 1,180 | Great Britain and British India. |
| Butter ..... cwt. | 833 | 19,450 | 900 | Great Britain, Italy, and Germany. |
| Candles ..... packages | 1,034 | 8,000 | 500 | Great Britain and Belgium. |
| Casks, shooks, and staves .. do. | 79,127 | 255,490 | Free. | Great Britain, France, Japan, and British India. |
| Cement ..... cwt. | 215,730 | 53,352 | 2,590 | Great Britain, France, and British India. |
| Cheese ..... do. | 563 | 13,160 | 564 | Great Britain and Australia. |
| Clocks and watches .. packages | 342 | 16,900 | 1,047 | Great Britain, France, and India. |
| Coal and coke ..... tons | 312,757 | 2,000,000 | Free. | Great Britain, Australia, and India. |
| Cotton goods, etc. ..... packages | 4,120 | 1,878,500 | 93,400 | India, China, and Europe. |
| Earthenware ..... do. | 4,435 | 70,000 | 4,590 | Great Britain, France, and India. |
| Fish, dried and salted ..... cwt. | 190,407 | 634,690 | 31,580 | India, Maldive Islands. |
| Flour and wheat ..... do. | 73,427 | 367,139 | 24,480 | India and Australia. |
| Glass and glassware .. packages | 6,289 | 56,849 | 3,659 | India, Europe, and China. |

*Statement showing the commerce of Ceylon for the fiscal year 1893*—Continued.

IMPORTS—Continued.

| Articles. | Quality. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| Grain: | | | | |
| Barley and grain...bushels.. | 262,851 | $283,997 | $25,350 | British India and French India. |
| Paddy and rice .....do.... | 8,642,537 | 8,567,137 | 755,027 | Do. |
| Indian corn .....do.... | 241 | 261 | 23 | India. |
| Oats.....do.... | 6,358 | 6,900 | 614 | Australia. |
| Pease.....do.... | 84,914 | 91,990 | 8,206 | India. |
| Haberdashery and millinery, packages. | 3,055 | 273,144 | 18,000 | Great Britain, Germany, and British India. |
| Ham and bacon.....cwt.. | 1,028 | 23,994 | 1,025 | Great Britain and Australia. |
| Instruments: | | | | |
| Musical.....packages.. | 183 | 10,000 | 627 | Great Britain, Germany, and British India. |
| Optical.....do.... | 17 | 1,249 | 82 | Great Britain and Austria. |
| Scientific.....do.... | 27 | 1,190 | Free. | Great Britain, Singapore, and British India. |
| Surgical.....do.... | 10 | 257 | Free. | Great Britain. |
| Machinery.....do.... | 9,994 | 317,980 | Free. | Great Britain, Germany, and British India. |
| Malt liquors in bottles and wood.....gallons... | 254,460 | 169,313 | 11,922 | Great Britain, France, and British India. |
| Manure.....packages.. | 7,108 | 90,454 | Free. | British India and French India. |
| Medicines.....do.... | 4,741 | 112,840 | 4,780 | Great Britain and India. |
| Metals: | | | | |
| Wrought.....do.... | 7,172 | 427,740 | 18,820 | Great Britain, Belgium, and India. |
| Unwrought .....tons.. | 4,130 | | | |
| Oil, kerosene: | | | | |
| British India.....packages.. | 22,541 | 230,000 | 15,026 | United States, Russia, and British India. |
| Russia .....do.... | 187,864 | | | |
| United States .....do.... | 70,785 | | | |
| Oilman stores .....do.... | 8,314 | 13,780 | 4,946 | Great Britain and Europe. |
| Saddlery and harness.....do.... | 170 | 10,000 | 680 | Great Britain and British India. |
| Soap .....do.... | 4,458 | 40,086 | 2,792 | Do. |
| Spirits, brandy, etc .....gallons.. | 123,915 | 359,830 | 178,318 | Great Britain and Europe. |
| Sugar.....cwt.. | 64,673 | 424,855 | 52,300 | Europe, China, and Mauritius. |
| Tobacco: | | | | |
| Cigars.....pounds.. | 44,768 | 223,820 | 9,637 | Great Britain and India. |
| Unmanufactured and hookah, pounds. | 205,129 | 25,376 | 5,566 | British India. |
| Manufactured.....pounds.. | 105,176 | 28,170 | 9,813 | British India and Great Britain. |
| Wines.....gallons.. | 40,393 | 109,060 | 13,884 | Europe, Australia, and Cape of Good Hope. |
| Miscellaneous ..... | ..... | 5,876,347 | 105,497 | |
| Total ..... | ..... | 23,562,500 | 1,406,090 | |

EXPORTS.

| Description. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| Arrapo.....cwt.. | 695 | $486 | British India. |
| Arrecanut .....do.... | 100,235 | 295,579 | India and Maldive Islands. |
| Beche-de-mer.....do.... | 748 | 11,200 | British India. |
| Birds' feathers .....packages.. | 11 | 367 | British India and China. |
| Birds' nests .....do.... | 2 | 333 | China. |
| Cacao.....cwt.. | 19,176 | 447,458 | United Kingdom and United States. |
| Cardamoms .....pounds.. | 247,706 | 93,690 | United Kingdom, British India, and United States. |
| Chanks..... | ..... | 82,333 | British India. |
| Cinnamon.....pounds.. | 1,929,824 | 440,408 | Continent of Europe and United States. |
| Cinchona.....do.... | 6,732,704 | 273,809 | Great Britain, Germany, and United States. |
| Coal.....tons.. | 300,000 | 2,000,000 | Supplied to steamers. |
| Cocoanut..... | 11,438,718 | 142,413 | Continent of Europe and British India. |
| Coffee.....cwt.. | 43,336 | 1,096,168 | To most known countries except South and Central America. |
| Coir .....do.... | 154,986 | 363,191 | Europe, India, and United States. |
| Copra.....do.... | 169,073 | 541,695 | Do. |
| Cowries and shells .....do.... | 10,661 | 16,891 | United Kingdom, Germany, and British India. |
| Hides and skins.....do.... | 9,414 | 119,167 | United Kingdom, Arabia, and Turkey. |
| Horns.....do.... | 891 | 5,951 | United Kingdom and British India. |
| Medicinal roots, seeds, and herbs, cwt..... | 4,710 | 13,897 | Europe and United States. |

*Statement showing the commerce of Ceylon for the fiscal year 1893*—Continued.

EXPORTS—Continued.

| Description. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| Oil: | | | |
| Essential ..... ounces.. | 13,335,364 | $200,902 | Europe, United States, and India. |
| Cocoanut ..... cwt.. | 564,550 | 2,341,837 | To most known countries except South America. |
| Orchilla weed ..... | ..... | ..... | |
| Plumbago ..... cwt.. | 430,666 | 1,435,556 | Europe, United States, and British India. |
| Ponac ..... do.... | 46,195 | 285,920 | Great Britain, Belgium, and Germany. |
| Shark fins ..... do.... | 525 | 91,114 | Strait Settlement and British India. |
| Tea ..... pounds.. | 72,279,984 | 10,842,379 | To nearly all countries. |
| Timber and wood: | | | |
| Ebony ..... cwt.. | 5,558 | 17,161 | United Kingdom, China, and Hongkong. |
| Sandal ..... do.... | 138 | 481 | France and British India. |
| Sapan ..... do.... | 11,178 | 21,785 | United Kingdom and Germany. |
| Satinwood ..... do.... | 3,716 | 13,440 | United Kingdom and British India. |
| Ironwood ..... logs.. | 819 | 2,610 | French India and British India. |
| Other sorts ..... do.... | 5,217 | 25,425 | Necobar Islands and British India. |
| Tobacco, cigars ..... pounds.. | 1,004 | 954 | Great Britain and Australia. |
| Tobacco, unmanufactured ..... cwt.. | 57,389 | 251,954 | British India and Maldive Islands. |
| Vanilla ..... pounds.. | 685 | 676 | United Kingdom and Australia. |
| Miscellaneous ..... | ..... | 1,502,155 | |
| Total ..... | ..... | 23,000,000 | |

TRADE WITH THE UNITED STATES.

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. |
| Cardamoms ..... pounds.. | ..... | ..... | 2,604 | $1,462 |
| Cassia ..... do.... | ..... | ..... | 1,626 | 80 |
| Cinchona ..... do.... | ..... | ..... | 1,173,533 | 70,245 |
| Cinnamon ..... do.... | ..... | ..... | 79,000 | 10,411 |
| Citronella oil ..... cwt.. | ..... | ..... | 962 | 42,516 |
| Cocoa ..... do.... | ..... | ..... | 5,705 | 237,998 |
| Cocoanut oil ..... do.... | ..... | ..... | 144,000 | 746,139 |
| Coffee ..... do.... | ..... | ..... | 304 | 8,456 |
| Coir ..... do.... | ..... | ..... | 12,090 | 59,919 |
| Copra (prepared) ..... pounds.. | ..... | ..... | 290,380 | 35,043 |
| Curios ..... packages.. | ..... | ..... | 3 | 197 |
| Desiccated Cocoanut ..... pounds.. | ..... | ..... | 207,020 | 16,286 |
| Essential oils ..... ounces.. | ..... | ..... | 2,549,000 | 35,692 |
| Horns and hides ..... cwt.. | ..... | ..... | 222 | 509 |
| Kerosene oil ..... cases.. | 70,785 | $76,683 | ..... | ..... |
| Medicinal seeds ..... pounds.. | ..... | ..... | 17,600 | 4,763 |
| Pine shoots ..... cases.. | ..... | ..... | 4 | 29 |
| Plants ..... do.... | ..... | ..... | 2 | 100 |
| Plumbago ..... tons.. | ..... | ..... | 10,988 | 869,766 |
| Precious stones ..... parcels.. | ..... | ..... | 3 | 70 |
| Senna ..... pounds.. | ..... | ..... | 287,340 | 13,282 |
| Sundries ..... packages.. | ..... | ..... | 15 | 348 |
| Tea ..... pounds.. | ..... | ..... | 196,403 | 45,506 |
| Total ..... | ..... | 76,683 | ..... | 2,198,817 |

CEYLON, *September 30, 1893.*

W. MOREY,
*Consul.*

# CHINA.

*Value of exports declared for the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| CANTON. | | | | | |
| Cassia | $13,864.97 | $57,772.59 | $25,432.88 | $20,142.49 | $117,212.93 |
| Chinaware | 4,632.99 | 4,398.17 | 6,635.86 | 6,487.23 | 22,154.25 |
| Fans, palm leaf | 54,658.34 | 14,956.60 | 3,095.06 | 1,631.29 | 74,341.29 |
| Firecrackers | 64,218.70 | 219,577.01 | 114,123.35 | 38,150.18 | 436,069.24 |
| Matting | 503,868.34 | 431,536.51 | 84,947.22 | 266,318.12 | 1,286,670.19 |
| Paper | 2,642.66 | ..... | 128.65 | 3,053.20 | 5,824.51 |
| Preserves | 4,187.99 | 7,132.98 | 446.00 | 14,588.72 | 26,355.69 |
| Rattans, and ware | 10,489.73 | 13,589.17 | 8,025.03 | 16,636.51 | 48,740.44 |
| Raw silk | 977,572.41 | 1,295,015.12 | 762,421.89 | 189,764.61 | 3,224,774.03 |
| Silk piece goods | 57,361.48 | 52,144.16 | 28,726.70 | 43,207.41 | 181,439.75 |
| Tea | 11,657.04 | ..... | 105.72 | 867.08 | 12,629.84 |
| Wooden ware | 3,726.04 | 3,908.13 | 3,669.60 | 8,616.16 | 19,919.93 |
| Sundries, including bristles, cantharides, ivory ware, skins, etc | 965.49 | 3,396.83 | 25,385.41 | 29,164.09 | 63,911.82 |
| Total | 1,709,846.18 | 2,108,427.27 | 1,063,143.37 | 638,627.09 | 5,520,043.91 |
| FOOCHOW. | | | | | |
| Household effects | 280.80 | ..... | 200.00 | ..... | 480.80 |
| Tea | 350,606.88 | 420,886.17 | 3,341.77 | 75,090.35 | 849,925.17 |
| Total | 350,887.68 | 420,886.17 | 3,541.77 | 75,090.35 | 850,405.97 |
| HANKOW. | | | | | |
| Chinaware | ..... | 7,214.23 | ..... | ..... | 7,214.23 |
| Gall nuts | ..... | 3,641.98 | ..... | 1,975.08 | 5,617.06 |
| Lace curtains | ..... | 62.11 | ..... | ..... | 62.11 |
| Sundries | ..... | ..... | 165.10 | ..... | 165.10 |
| Tea | 9,457.50 | ..... | ..... | 375,217.28 | 384,674.78 |
| Total | 9,457.50 | 10,918.32 | 165.10 | 377,192.36 | 397,733.28 |
| NINGPO. | | | | | |
| Personal effects | ..... | 580.00 | ..... | ..... | 580.00 |
| SHANGHAI. | | | | | |
| Camel's hair | ..... | ..... | 6,849.00 | ..... | 849.00 |
| Furs | 186,654.00 | 102,245.00 | 1,199.00 | 14,458.00 | 319,556.00 |
| Gall nuts | ..... | 8,274.00 | 5,792.00 | 15,337.00 | 19,403.00 |
| Hides, cow | 672.00 | ..... | 20,525.00 | 5,950.00 | 37,147.00 |
| Matting | ..... | 1,178.00 | ..... | 3,059.00 | 4,237.00 |
| Musk | 1,205.00 | 17,186.00 | 31,068.00 | 21,951.00 | 71,410.00 |
| Porcelain | 6,585.00 | 4,830.00 | 7,714.00 | 5,593.00 | 24,722.00 |
| Rhubarb | 14,966.00 | 982.00 | 506.00 | 3,235.00 | 19,689.00 |
| Silk: | | | | | |
| Piece goods | 236.00 | 8,323.00 | ..... | 942.00 | 9,501.00 |
| Pongee | 18,078.00 | 16,376.00 | 14,671.00 | 14,822.00 | 63,947.00 |
| Raw | 743,115.00 | 1,106,008.00 | 1,063,408.00 | 850,558.00 | 3,763,089.00 |
| Cocoons | 37,800.00 | 11,240.00 | ..... | ..... | 49,040.00 |
| Skins: | 62,352.00 | 77,581.00 | 895.00 | 6,010.00 | 146,788.00 |
| Robes | | | 23,748.00 | 18,205.00 | 108,187.00 |
| Rugs | 11,029.00 | 55,205.00 | 172,033.00 | 370,568.00 | 787,217.00 |
| Goat | 94,071.00 | 150,545.00 | | | |
| Various | 25,505.00 | 22,931.00 | 9,470.00 | 8,248.00 | 66,154.00 |
| Straw braid | 49,600.00 | 94,665.00 | 27,377.00 | 90,859.00 | 262,501.00 |
| Sundries | 15,529.00 | 15,725.00 | 4,661.00 | 31,408.00 | 67,323.00 |
| Tea | 1,287,275.00 | 776,634.00 | 191,557.00 | 418,933.00 | 2,674,399.00 |
| Wool | 223,924.00 | 443,016.00 | 180,172.00 | 236,866.00 | 1,083,978.00 |
| Total | 2,778,595.00 | 2,912,894.00 | 1,770,645.00 | 2,117,002.00 | 9,579,137.00 |
| TIENTSIN. | | | | | |
| Bristles | ..... | 236.46 | ..... | 855.75 | 1,092.21 |
| Curios | ..... | 19,566.43 | ..... | 9,598.75 | 29,165.18 |
| Feathers | 441.75 | 924.63 | ..... | 526.52 | 1,892.90 |
| Skins | 72,972.25 | 56,269.31 | 4,594.86 | 20,738.62 | 154,575.05 |
| Straw braid | 44,027.90 | 53,422.89 | 11,612.58 | 64,602.48 | 173,665.85 |
| Wool | 163,641.41 | 396,001.65 | 125,434.19 | 169,445.86 | 854,523.11 |
| Personal effects and sundries | 350.00 | 3,231.82 | ..... | 1,934.68 | 5,516.50 |
| Total | 281,433.31 | 529,653.19 | 141,641.63 | 267,702.67 | 1,220,430.80 |

# DUTCH INDIA.

## JAVA.

Although the year 1892 has not been as profitable as was expected, yet, generally speaking, it has been a fairly prosperous one, especially from an agricultural point of view, the crops for export having been fairly good, and about the same as the preceding year.

The import market has been rather brisk, and prices advanced on most all goods imported.

### EXPORTS.

*Cacoa.*—As the home prices are higher than in former years and bid fair to advance, the cultivation of cacoa is increasing, and larger amounts are being exported.

*Coffee.*—The crop for 1892 has fallen short of the estimate for the year, owing partly to the lowlands suffering from drought, but it has proved satisfactory, as prices have been high, and I believe have given good results to shippers. The estimate for 1893 is rather unfavorable and unusually small, owing to heavy rains when the trees were budding. The crop for 1892 is estimated at about 42,100 tons.

*Chincona bark.*—Both Government and private crops for 1892 are very small, being far below the estimate and the crop for the preceding year. The estimate for 1893 is not at all encouraging. The charges incurred by exporting are so heavy that it was proposed to start a chincona factory, but as yet nothing has been decided definitely.

*Copra.*—There has been very little of this produce exported this year, owing to so small a crop, but prospects look better for 1893.

*Dammar.*—There has been a much larger export this than in the preceding year, and large shipments have been exported to all parts of Europe. The export to the United States from this district amounted to 2,334.36 piculs for 1892, valued at $3,082.11. The price of this product is now $13.26 per picul.

*Indigo.*—There has been a very poor crop of this article, and prices are extremely low, but better business is anticipated for 1893.

*Rice.*—The rice crop has been unusually small this year, consequently there has been but little exported, and that mostly from west Java, amounting to about 19,000 tons. Rice being scarce in east Java on account of the long drought, there has been a large quantity imported there from Saigon and from west Java.

*Sugar.*—The weather has been very unfavorable all over Java during the sugar season (May to September), there being a scarcity of rain, but as the sugar sickness (serih) has almost entirely disappeared this year from west and middle Java, a far better and larger crop is anticipated for 1893. Experts are doing their utmost to find the cause of this sugar sickness, but so far without any practical result, although they expect soon to overcome the disease. Prices of sugar for 1892 are from $3.61¼ to $3.73¼ (according to quality) per picul (133⅓ pounds). The total production of sugar is increased by about 15,000 tons, about one-third of this increase being due to the starting of several new estates. Up to the 31st December, 1892, the estimates for exports are as follows:

| | Tons. |
|---|---|
| To America | 89,792 |
| To Australia | 40,800 |
| To China | 52,213 |
| To Europe | 117,548 |
| To other countries | 17,162 |
| Total | 317,515 |

The prospects for 1893 are very encouraging, over half of the estimated crop being already purchased, and at rates above the average.

*Tea.*—Statistics show a yearly increase of this product, and the increase for 1892 as compared with 1891 was about 3,000,000 pounds. The crop for this year is about 9,000,000 pounds. Although large quantities are exported, principally to Europe, the shippers complain of low prices.

*Tobacco.*—The Java crop for 1892 was large, but below the estimate given at the beginning of the year. Heavy rains in the east part of Java ruined nearly the entire crop in that district. The quality is good and prices steady.

*Tin.*—On condition that five-eighths of the profits go to the Government, the concession of the Billiton Tin Company has been extended for another thirty-five years from May 1, 1892, and at the end of that time, April 30, 1927, the company will liquidate and pay the Government five-eighths of the proceeds of the liquidation, over the estimated value of the possessions on May 1, 1892. The output turned out better than the previous year, the total exports for 1892 being 91,620 piculs or 6,397 tons.

IMPORTS.

*Petroleum.*—The petroleum syndicates keep the price of this article at a fair figure, and for the year petroleum has been considered a good business for the importers. Although the Russian oil is cheaper, the American oil is preferred by the Europeans The estimated imports for 1892 are as follows:

| | Cases. |
|---|---|
| Devoes | 1,647,167 |
| Chester | 71,004 |
| Russian | 1,346,455 |
| Langkat | 3,900 |
| Total | 3,068,526 |

Although in 1892 the increase is in favor of American oil, it is expected that the importation of Russian oil will exceed that of the American oil in 1893. The Java petroleum output is increasing yearly. The question of shipping oil in tank steamers has been discussed here, but as vessels can not come alongside the wharfs, owing to the shallow water, and the Government will not allow petroleum vessels in Tandjong Priok, the probabilities of shipping oil in tanks are very doubtful.

*Coals.*—The coal fields at Ombilien, Sumatra, were in full operation at the beginning of 1892, and it was expected that the supply for Government would be taken entirely from this mine, but owing to heavy damage caused by floods to bridges and railways, the coal could not be brought to the seaport—Padang. As it will be the last of 1893 before the damages are repaired, the Government in the mean time is dependent on foreign coal for supplies. There has been about 118,486 tons of coal imported from Australia and Great Britain. There has been none imported from Japan this year, as Japanese coal is considered poor. There is a coal mine in Kotie, Borneo, belonging to the Dutch Government, but the product being of inferior quality, it is but little used, and principally by small steamers and surveying vessels that trade on the coast of Borneo.

*Opium.*—There is little or no change in this article of import, which is carried on by the farming system and can only be imported by the "opium farmer."

*Soap.*—Formerly there was a large importation of soap, but it has been gradually falling off, so that in 1892 but little has been imported. In its place sulphate of ammonia is imported, and the natives manufacture their own soap, which is put on the market and sold for less than half the price of European manufactured article.

GENERAL REMARKS.

*Railways.*—It was expected that the lines connecting Batavia and Soerabaya would have been finished by the end of 1892, but, owing to sickness among the laborers and heavy floods, the small connection between Garoet and Tjilatjap will not be finished before the end of 1893, or the beginning of 1894. The Government is extending the railways east of Probolingo, and by 1895 expect to have the line beween Probolingo and Pomarockan opened.

*Electricity.*—A company has asked for a grant for ten years to light the city of Batavia by electricity, and, as permission has already been granted to companies at Soerabaya and Samarang for the lighting of those cities, probably this company will start their plant by the end of 1893.

*Health.*—The general health of Batavia and all parts of Java has been excellent during 1892—it was one of the healthiest seasons in many years.

***Commerce and navigation at Java for the year 1892.***

IMPORTS.

| Articles. | Quantity. | Value. | Articles. | Quantity. | Value. |
|---|---|---|---|---|---|
| Cotton goods | | $13,117,205 | Paints and oils | | $248,885 |
| Woolen goods | | 737,175 | Wines ....gallons | 298,186 | |
| Earthenware | | 592,460 | Iron and copper nails | | 104,720 |
| Beer ....pints | 2,043,574 | 383,170 | Copper sheathing and plates | | 158,765 |
| Butter ....pounds | 408,875 | 141,706 | Glass and glassware | | 211,125 |
| Brandy ....gallons | 105,554 | | Zinc | | 85,285 |
| Iron and steel | | 592,945 | Lead | | 7,770 |
| Provisions | | 175,625 | Champagne.bottles | 53,842 | 94,225 |
| Gin ....gallons | 328,885 | | Tar | | 89,290 |
| Coal ....tons | 118,486 | 710,915 | Wheat....pounds | 13,783 | |
| Flour ....pounds | 16,945,794 | 676,770 | Spirits ....gallons | 128,792 | |
| Mineral water...bottles | 1,232,954 | | All other articles | | 11,633,555 |
| Petroleum ....cases | 3,068,526 | 2,838,387 | Total | | 22,490,473 |
| Rice ....tons | 78,448 | | | | |

*Commerce and navigation at Java for the year 1892*—Continued.

EXPORTS.

| Articles. | Quantity. | Articles. | Quantity. |
|---|---|---|---|
| Arrack.....leaguers* | 3,239 | Gutta percha.....piculs | 672 |
| Coffee.....piculs† | 475,086 | Kapok.....bales | 31,064 |
| Cloves.....do | 326 | Mace.....piculs | 176 |
| Cinnamon and cassia.....do | 120 | Nutmegs.....do | 669 |
| Cinchona bark.....Dutch pounds | 5,968,745 | Pepper.....do | 95,227 |
| Copra.....piculs | 55,901 | Rice.....do | 284,506 |
| Cocoa.....do | 5,014 | Rattans.....do | 33,030 |
| Cubebs.....do | 2,801 | Rubber.....do | 370 |
| Cocoanut oil.....cases | 13,856 | Sugar.....do | 7,207,681 |
| Dammar.....piculs | 18,405 | Tapioca flour.....do | 44,689 |
| Hides.....{packages / pieces} | 4,923 / 591,923 | Tea.....kilos | 4,158,326 |
| Indigo.....Dutch pounds | 1,653,436 | Tin.....piculs | 97,089 |
| | | Tobacco.....do | 262,963 |

* The leaguer = 133 gallons. The picul = 133⅓ pounds. ‡ The Dutch pound = ——.

NAVIGATION.

TANDJONG PRIOK (BATAVIA HARBOR).

*Entered.*—Steamers: Austrian, 11; British, 131; Dutch, 196; French, 40; German, 11; Italian, 1; Japanese, 1; Norwegian, 1, and Dutch Indian, 401; total, 799; total tonnage, 833,328. Sailing vessels: British, 5; Dutch, 11; German, 2; Italian, 1; Norwegian, 2; Dutch Indian, 34; total, 55; total tonnage, 42,501.

*Cleared.*—Steamers: Austrian, 11; British, 133; Dutch, 201; French, 42; German, 11; Italian, 1; Japanese, 1; Norwegian, 1; Dutch Indian, 401; total, 802; total tonnage, 808,161. Sailing vessels: British, 4; Dutch, 8; German, 2; Italian, 1; Norwegian, 2; Dutch Indian, 36; total, 53; total tonnage, 37,606.

BATAVIA OLD ROADS.

*Entered.*—Steamers: British, 9; tonnage, 17,004. Sailing vessels: American, 2; British, 10; Chinese, 8; Dutch, 10; German, 3; Italian 7; Norwegian, 4; Swedish, 1; Dutch Indian, 105; total, 150; total tonnage, 46,236.

*Cleared.*—Steamers: British, 7; tonnage, 13,489. Sailing vessels: American, 2; British, 11; Chinese, 8; Dutch, 9; German 2; Italian, 7; Norwegian, 4; Swedish, 1; Dutch Indian, 108; total, 152; total tonnage, 56,139.

Grand total, Batavia Harbor and Old Roads: Steamers: Entered, 808; tonnage, 850,331. Cleared, 809; tonnage, 821,650. Entered and cleared, 1,614; tonnage, 1,671,981. Sailing vessels: Entered, 205; tonnage, 88,736; cleared, 205; tonnage, 93,745; entered and cleared, 410; tonnage, 182,481. Sail and steam: Entered, 1,013; tonnage, 939,067; cleared, 1,014; tonnage, 915,399.

*Statement showing the navigation at the port of Batavia, for the year ending December 31, 1892.*

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| American | .... | ..... | 2 | 1,392 | 2 | 1,392 | .... | ..... | 2 | 1,392 | 2 | 1,392 |
| Austrian | 11 | 8,692 | .... | ..... | 11 | 8,692 | 11 | 8,692 | .... | ..... | 11 | 8,692 |
| British | 140 | 209,693 | 15 | 8,656 | 155 | 218,354 | 140 | 174,337 | 15 | 15,574 | 155 | 189,911 |
| Chinese | .... | ..... | 8 | 311 | 8 | 311 | .... | ..... | 8 | 456 | 8 | 456 |
| Dutch | 196 | 348,967 | 22 | 24,662 | 218 | 373,629 | 201 | 355,165 | 17 | 19,002 | 218 | 374,167 |
| French | 40 | 32,635 | .... | ..... | 40 | 32,635 | 42 | 34,321 | .... | ..... | 42 | 34,321 |
| German | 11 | 15,044 | 5 | 4,603 | 16 | 19,647 | 11 | 15,044 | 4 | 4,039 | 15 | 14,083 |
| Italian | 1 | 2,205 | 8 | 7,494 | 9 | 9,699 | 1 | 2,205 | 8 | 7,494 | 9 | 9,699 |
| Japanese | 1 | 2,031 | .... | ..... | 1 | 2,031 | 1 | 2,031 | .... | ..... | 1 | 2,031 |
| Norwegian | 1 | 2,052 | 6 | 5,665 | 7 | 7,747 | 1 | 2,082 | 5 | 5,665 | 7 | 7,747 |
| West Indian | 407 | 228,977 | 139 | 36,979 | 546 | 365,956 | 401 | 227,863 | 144 | 39,158 | 505 | 267,021 |
| Swedish | .... | ..... | 1 | 973 | 1 | 973 | .... | ..... | 1 | 973 | 1 | 973 |

*Exports from Batavia to United States, 1892.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Cocoa ..... piculs.. | 14·50 | $428.16 |
| Coffee ..... do.... | 35,806·98 | 1,392,733.06 |
| Dammar ..... do.... | 2,334·36 | 33,082.11 |
| Hats (bamboo) ..... pieces.. | 116,220 | 16,876.50 |
| Hides ..... do.... | 768 | 3,580.87 |
| Pepper ..... piculs.. | 1,800 | 10,946.56 |
| Rattans ..... do.... | 380·56 | 1,716.54 |
| Rice ..... do.... | 150 | 499.87 |
| Sugar ..... do.... | 163,339·88 | 646,731.90 |
| Skins (goat) ..... pieces.. | 269,562 | 75,814.75 |
| Tea ..... cases.. | 81 | 1,149.73 |
| Weapons ..... do.... | 1 | 131.96 |
| All other articles ..... | ..... | 192.60 |
| Total ..... | ..... | 2,183,884.41 |

*Imports and exports between Batavia district and the United States for the year ending June 30, 1892.*

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. |
| Agil ..... bales.. | ..... | ..... | 10 | $68.44 |
| Agil thread ..... do.... | ..... | ..... | 12 | 154.20 |
| Bamboo hats ..... pieces.. | ..... | ..... | 70,920 | 10,262.11 |
| Buffalo hides ..... piculs.. | ..... | ..... | 571 | 15,316.04 |
| Cassia ..... do.... | ..... | ..... | 200 | 1,545.71 |
| Cocoa ..... do.... | ..... | ..... | 45 | 1,509.76 |
| Coffee ..... do.... | ..... | ..... | 47,926 | 1,253,464.13 |
| Dammar ..... do.... | ..... | ..... | 2,258 | 32,123.55 |
| Goat skins ..... pieces.. | ..... | ..... | 187,305 | 55,214.14 |
| Grass mats ..... bales.. | ..... | ..... | 50 | 738.24 |
| Java exhibits ..... | ..... | ..... | ..... | 42,471.23 |
| Kapok ..... piculs.. | ..... | ..... | 112 | 1,439.16 |
| Mat bags ..... bales.. | ..... | ..... | 80 | 290.42 |
| Pepper and dammar ..... bags... | ..... | ..... | 12 | 115.22 |
| Pepper and dammar ..... cakes.. | ..... | ..... | 2 | |
| Pepper ..... piculs.. | ..... | ..... | 1,800 | 10,946.55 |
| Petroleum ..... cases.. | 199,006 | $192,041 | ..... | ..... |
| Rattan and bags ..... 500 bags.. | ..... | ..... | ..... | 1,508.59 |
| Rattans ..... piculs.. | ..... | ..... | 432 | 1,716.54 |
| Sugar ..... do.... | ..... | ..... | 178,398 | 680,348.64 |
| Tea ..... cases.. | ..... | ..... | 81 | 1,316.20 |
| Total ..... | 199,006 | 192,041 | ..... | 2,010,548.87 |

The amounts given in this report are taken from the Batavia Exchange report, and from Department of Finance, with the exception of the above exports to the United States, which are taken from invoice book at this consulate.

B. S. RAIRDEN,
*Consul.*

BATAVIA, *December 31, 1892, and June 30, 1893.*

## CELEBES.

*Imports and exports between Macassar, Celebes, and the United States for the years ending June 30, 1892 and 1893.*

**1892.**

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. |
| Petroleum: | *Cases.* | | *Peculs.* | |
| Chester | 31,000 | $39,700 | | |
| Devoes | 28,824 | 39,200 | | |
| Cloves | | | 32.70 | $448.52 |
| Coffee | | | 19,376.50 | 474,839.26 |
| Gum: | | | | |
| Copal | | | 9,239.39 | 77,479.64 |
| Damar | | | 103.76 | 962.19 |
| Mace | | | 146.34 | 9,435.36 |
| Nutmegs | | | 952.59 | 51,347.82 |
| Rattans | | | 92.40 | 298.51 |
| Shells: | | | | |
| Banda | | | 60.99 | 665.00 |
| Green snail | | | 12.05 | 427.82 |
| Mother-of-pearl | | | 145.48 | 6,534.31 |
| Skins, goat | | | | 411.89 |
| Wood, sandal | | | 47.12 | 194.40 |
| Total | | 78,900 | | 623,044.72 |

**1893.**

| Articles. | Imports. | | Exports. | |
|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. |
| | *Cases.* | | *Peculs.* | |
| Petroleum, Devoes | 26,327 | $26,000 | | |
| Cassia | | | 20.39 | $110.34 |
| Coffee | | | 27,715.50 | 763,225.34 |
| Gum copal | | | 3,758.44 | 21,578.77 |
| Mace | | | 4.66 | 131.52 |
| Nutmegs | | | 664.39 | 29,084.51 |
| Rattans | | | 256.60 | 641.02 |
| Shells: | | | | |
| Banda | | | 1.84 | 18.57 |
| Green snail | | | 290.26 | 2,108.81 |
| Mother-of-pearl | | | 51.61 | 2,397.69 |
| | | | *Pieces.* | |
| Skins, goat | | | 448 | 88.39 |
| Total | | 26,000 | | 820,379.76 |

V. JENNY,
*Consular Agent.*

MACASSAR, *July 1, 1893.*

# JAPAN.

The frequent and marked fluctuations of exchange during the year 1892 make it difficult to satisfactorily compare amounts with previous years.

During the years 1891 and 1892 the average worth of the Japanese silver yen was about 80 and 71 cents, respectively, so that while the total volume of trade for 1892 exceeded the previous year by 19,974,292 yen, when reduced to United States money at the rate of exchange for that year the increase is only $761,435. The rapid decline of exchange, however, did not apparently affect the trade of the country as a whole. The only sufferers seem to have been the importing firms, who quite generally complained of depression in the trade.

Notwithstanding the discouraging condition of exchange there was an increase in imports over the previous year of $300,000. The most important thing to be spoken of concerning the foreign trade of Japan is the increasing facilities of the country for manufacturing her own supplies; this is especially noticeable in relation to cotton goods.

Importations of raw cotton continue to increase. New spinning mills are established from time to time, and those already in operation report enormous profits. Consequently importers of cotton fabrics do not take a cheerful view of the future of that particular line of business.

There is no doubt, however, that the consumption of cotton goods in Japan is growing larger each year, and no doubt there will always be a demand for certain kinds of those of foreign manufacture.

Thus far Great Britain has taken the lead in the importation of cotton goods, but I think it quite probable, if our manufacturers would take the trouble to investigate and ascertain the kinds and qualities most desired by the Japanese people they might secure a fair share of the business.

Last year Japan exported cotton goods to the amount of $550,589, as against $300,328 for 1891, her markets being principally China and Korea.

I regret to state that, while the total exports to the United States show a great gain over the previous year, the imports declined to the extent of $1,220,520. The leading articles showing a decrease are kerosene oil, flour, quicksilver, machinery and clocks; and the largest increase is found in raw cotton, tobacco, and miscellaneous provisions.

The largest increase in exports is in raw silk and silk fabrics.

The following tables show a more detailed statement of the general trade of the country.

In reducing to United States money I have used the average Government rate of exchange for the year.

*Movements of specie and bullion during the year 1892.*

| Description. | Imports. | Exports. |
|---|---|---|
| Silver | $15,966,697.03 | $841,513.30 |
| Gold | 280,800.34 | 6,066,611.38 |
| Total | 16,247,467.42 | 6,908,124.68 |

*Customs duties collected during the year 1892.*

| | |
|---|---|
| On exports | $1,565,227.66 |
| On imports | 1,949,501.87 |
| Miscellaneous | 84,911.91 |
| Total | 3,599,641.44 |

*Total foreign trade of Japan by countries during the year 1892.*

| Countries. | Exports. | Imports. | Total. |
|---|---|---|---|
| United States | $27,459,229.66 | $4,251,518.03 | $31,710,747.69 |
| Great Britain | 2,784,444.51 | 14,760,425.77 | 17,544,870.28 |
| France | 12,846,522.45 | 2,570,555.31 | 15,417,077.76 |
| Hongkong | 9,434,863.45 | 4,959,863.02 | 14,394,726.47 |
| China | 4,514,790.30 | 8,881,681.40 | 13,396,471.70 |
| British India | 1,009,825.19 | 5,440,022.70 | 6,449,847.89 |
| Germany | 667,955.72 | 4,526,284.24 | 5,194,239.96 |
| Corea | 1,001,596.31 | 2,162,901.37 | 3,164,497.68 |
| Russia | 415,843.76 | 593,130.53 | 1,008,974.29 |
| Italy | 890,574.70 | 48,052.77 | 938,627.47 |
| Canada | 772,768.98 | 21,835.66 | 794,604.64 |
| Australia | 519,477.67 | 193,678.87 | 713,156.54 |
| Belgium | 35,588.83 | 675,591.59 | 711,180.42 |
| Switzerland | 113,304.40 | 506,691.61 | 619,996.01 |
| Philippine Islands | 68,536.79 | 337,337.03 | 405,873.82 |
| Austria | 242,771.86 | 7,288.50 | 250,060.36 |
| Hawaii | 44,117.06 | 459.75 | 44,576.81 |
| Sweden and Norway | 2,033.28 | 35,369.53 | 37,402.81 |
| Turkey | 30,988.93 | 577.74 | 31,566.67 |
| Holland | 13,880.63 | 12,496.09 | 26,376.72 |
| Spain | 2,244.26 | 23,540.64 | 25,784.90 |
| Siam | 2,474.77 | 3,111.13 | 5,585.90 |
| Peru | 717.81 | 4,282.92 | 5,000.73 |
| Denmark | 259.15 | 4,371.95 | 4,631.10 |
| Portugal | ..... | 4,295.46 | 4,295.46 |
| Other countries, including Japanese products | 555,974.82 | 616,152.79 | 1,172,127.61 |
| Total | 63,430,785.29* | 50,641,516.40 | 114,072,301.69 |

* The difference in total values between the tables of exports by countries and by articles is, Consul Tillotson says, attributable to the statistics furnished by the Japanese customs.

*Value of imports from foreign countries into Japan during the year ending December 31, 1892.*

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Textile fabrics | $9,224,425.52 | Clothing and apparel | $457,690.79 |
| Cotton, raw | 8,750,504.88 | Beverages and provisions | 450,467.97 |
| Sugar | 6,819,088.61 | Oil and wax | 329,252.11 |
| Cotton threads and yarn | 5,149,439.04 | Wine and liquor | 285,990.38 |
| Metals, and manufactures thereof | 3,543,311.64 | Tobacco | 232,507.41 |
| Grain and seeds | 3,469,905.59 | Flour | 197,903.24 |
| Arms, instruments, clocks, watches, machinery, and vessels | 2,920,301.88 | Glass and glasswares | 187,745.58 |
| Kerosene | 2,365,162.64 | Miscellaneous | 1,799,331.21 |
| Drugs, medicines, and chemicals | 1,727,825.40 | Total | 50,606,628.98 |
| Dyes and paints | 1,132,925.94 | Japanese produce | 34,887.43 |
| Hair, horns, ivory, skins, etc | 1,034,902.98 | Grand total | 50,641,516.41 |
| Books and stationery | 537,956.17 | | |

*Value of exports to foreign countries from Japan during the year ending December 31, 1892.*

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Silk: | | Silk manufactures | $228,975.90 |
| Raw | $25,751,517.96 | Pierced cocoons | 217,159.68 |
| Tama | 36,166.14 | Skins, hair, shells, etc | 208,785.00 |
| Noshi | 1,346,707.86 | Beche de mer | 207,113.97 |
| Waste | 933,526.01 | Textile fabrics | 199,779.92 |
| Tea | 5,342,974.19 | Sulphur | 199,483.77 |
| Metals: | | Timber | 192,001.37 |
| Copper | 3,480,549.54 | Ginseng | 180,251.20 |
| Other | 121,535.74 | Wooden wares | 163,885.46 |
| Coal | 3,246,108.36 | Bamboo wares | 162,187.21 |
| Silk piece goods | 3,148,266.55 | Bronze wares | 151,600.47 |
| Rice | 2,955,539.66 | Paper wares | 137,560.08 |
| Silk handkerchiefs | 2,481,035.74 | Antimony | 115,949.15 |
| Matches | 1,563,449.34 | Straw plaits | 110,165.29 |
| Dried fish | 1,355,841.82 | Glasswares | 98,614.50 |
| Porcelain and earthen wares | 1,051,091.81 | Tobacco | 86,866.69 |
| Camphor and camphor oil | 929,876.07 | Bamboos | 84,235.27 |
| Mats for floor | 835,442.71 | Floss silk | 24,670.55 |
| Sea weeds | 706,184.51 | Silk and cotton mixtures | 18,118.79 |
| Cotton textiles | 550,589.13 | Floss-silk waste | 16,570.60 |
| Oil and wax | 464,477.67 | Waste cocoons | 10,184.74 |
| Grain, beverages, and provisions | 461,278.62 | Silkworm eggs | 2,690.90 |
| Cole vegetale | 412,664.90 | Cocoons | 426.00 |
| Mushrooms | 400,969.48 | Miscellaneous | 2,170,688.86 |
| Lacquer wares | 374,933.31 | | |
| Umbrellas | 284,672.62 | Total | 64,187,361.84 |
| Screens | 246,050.51 | Foreign produce | 495,593.19 |
| Drugs, medicines, and dyes | 243,519.03 | | |
| Furs | 242,512.40 | Grand total | *64,682,955.03 |
| Books and papers | 231,914.79 | | |

*The difference in total values between the tables of exports by countries and by articles is, Consul Tillotson says, attributable to the statistics furnished by the Japanese customs.

*Value of exports to the United States from the port of Kanagawa (Yokohama) during the year ending December 31, 1892.*

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Silk, raw | $16,974,289.69 | Fish and fish oil | $21,047.64 |
| Silk goods | 2,748,027.64 | Plants and bulbs | 20,182.24 |
| Tea | 4,037,722.01 | Menthol | 10,289.60 |
| Curios | 612,598.65 | Dental goods | 6,191.80 |
| Sulphur | 180,216.96 | Mushrooms | 5,138.64 |
| Straw braid | 52,390.94 | Oranges | 350.64 |
| Paper and paper goods | 47,435.92 | Miscellaneous | 13,306.80 |
| Skins | 28,341.71 | | |
| Manganese | 26,150.59 | Total | 24,763,681.47 |

## COASTWISE NAVIGATION.

*Nationality, number, and tonnage of vessels engaged in the coastwise trade of Japan during the year 1892.*

ENTERED.

| Nationality. | Steamers. | | Sailing vessels. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| United States | ..... | ..... | 7 | 12,190 | 7 | 12,190 |
| Japanese | 547 | 600,590 | ..... | ..... | 547 | 600,590 |
| British | 505 | 916,481 | 9 | 14,740 | 514 | 931,221 |
| Chinese | 1 | 1,211 | ..... | ..... | 1 | 1,211 |
| French | 52 | 123,131 | ..... | ..... | 52 | 123,131 |
| German | 67 | 99,992 | 1 | 1,894 | 68 | 101,886 |
| Norwegian | 5 | 5,743 | ..... | ..... | 5 | 5,743 |
| Russian | 1 | 2,291 | ..... | ..... | 1 | 2,291 |
| Total | 1,178 | 1,749,439 | 17 | 28,824 | 1,195 | 1,778,263 |

*Nationality, number, and tonnage of vessels, etc.*—Continued.

CLEARED.

| Nationality. | Steamers. | | Sailing vessels. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| United States | | | 7 | 12,190 | 7 | 12,190 |
| Japanese | 538 | 579,816 | | | 538 | 579,816 |
| British | 585 | 1,034,225 | 10 | 16,984 | 595 | 1,051,209 |
| Chinese | 1 | 1,211 | | | 1 | 1,211 |
| Dutch | 1 | 672 | | | 1 | 672 |
| French | 53 | 125,164 | | | 53 | 125,164 |
| German | 86 | 114,027 | 1 | 1,894 | 87 | 115,921 |
| Norwegian | 12 | 13,000 | | | 12 | 13,000 |
| Russian | 1 | 2,291 | | | 1 | 2,291 |
| Total | 1,277 | 1,870,406 | 18 | 31,068 | 1,295 | 1,901,474 |

*Nationality, number, and tonnage of vessels engaged in the foreign trade of Japan during the year 1892.*

ENTERED.

| Nationality. | Steamers. | | Sailing vessels. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| United States | 21 | 56,499 | 23 | 23,183 | 44 | 79,682 |
| Japanese | 401 | 337,763 | *762 | 28,713 | 1,163 | 366,476 |
| British | 531 | 914,639 | 51 | 52,781 | 582 | 967,420 |
| Chinese | 1 | 1,211 | | | 1 | 1,211 |
| Corean | 1 | 230 | | | 1 | 230 |
| Dutch | 3 | 2,016 | | | 3 | 2,016 |
| French | 26 | 61,396 | | | 26 | 61,396 |
| German | 333 | 274,310 | 4 | 4,392 | 337 | 278,702 |
| Norwegian | 56 | 58,881 | | | 56 | 58,881 |
| Russian | 45 | 54,647 | | | 45 | 54,647 |
| Total | 1,418 | 1,761,592 | 840 | 109,069 | 2,258 | 1,870,661 |

* Including junks.

CLEARED.

| | | | | | | |
|---|---|---|---|---|---|---|
| United States | 21 | 56,499 | 23 | 23,183 | 44 | 79,682 |
| Japanese | 403 | 346,065 | *855 | 29,529 | 1,258 | 375,594 |
| British | 445 | 794,459 | 55 | 58,684 | 500 | 853,143 |
| Chinese | 1 | 1,211 | | | 1 | 1,211 |
| Corean | 1 | 230 | | | 1 | 230 |
| Dutch | 2 | 1,344 | | | 2 | 1,344 |
| French | 26 | 61,736 | 1 | 1,060 | 27 | 62,796 |
| German | 309 | 256,331 | 3 | 2,498 | 312 | 258,829 |
| Norwegian | 47 | 50,665 | | | 47 | 50,665 |
| Russian | 45 | 54,647 | | | 45 | 54,647 |
| Total | 1,300 | 1,623,217 | 937 | 114,954 | 2,237 | 1,738,171 |

* Including junks.

W. D. TILLOTSON,
*Consul-General.*

KANAGAWA, *August 21, 1893.*

## NAGASAKI.

*Value of declared exports from the consular district of Nagasaki, to the United States during the year ending December 31, 1892.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Mar. 31, 1892. | June 30, 1892. | Sept. 30, 1892. | Dec. 31, 1892. | |
| Bricks | | | $2,053.53 | | $2,053.53 |
| Curios | | $977.00 | 21.59 | $386.01 | 1,384.60 |
| Damaged goods returned | | | 63.39 | | 63.39 |
| Ear shells | | 351.00 | | | 351.00 |
| Matting | $2,803.00 | | 5,396.00 | 2,060.00 | 10,259.00 |
| Paper | | 433.10 | | 327.62 | 760.72 |
| Porcelain | | | | 46.87 | 46.87 |
| Skins | | 2,799.00 | | | 2,799.00 |
| Tea | 8,094.30 | | 5,114.99 | | 13,209.29 |
| Tobacco | | 356.50 | | | 356.50 |
| Coal | | | | 23,448.77 | 23,448.77 |
| Total | 10,897.30 | 4,916.60 | 12,649.50 | 26,269.27 | 54,732.67 |

W. H. ABERCROMBIE,
*Consul.*

## OSAKA AND HIOGO.

*Value of declared exports from the consular district of Osaka and Hiogo, to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Antimony | | | $2,287.09 | $1,431.72 | $3,718.81 |
| Bamboos | $2,571.40 | $1,954.39 | 3,026.71 | 4,377.64 | 11,930.14 |
| Camphor | 58,869.81 | 275,062.17 | 113,274.51 | 113,794.07 | 561,000.56 |
| Camphor oil | 6,468.83 | 20,923.49 | 5,746.71 | 3,289.39 | 36,428.42 |
| Carpets and rugs | 17,233.80 | 43,151.71 | 25,446.49 | 41,296.75 | 127,128.75 |
| Fans | | 36,360.70 | | | 36,360.70 |
| Manganese ore | 6,095.50 | | 2,858.08 | 15,484.89 | 24,438.47 |
| Matting | 238,990.57 | 442,105.04 | 185,225.53 | 267,980.88 | 1,134,302.02 |
| Oranges | | 16,966.86 | | | 16,966.86 |
| Rags | 50,252.50 | 84,355.30 | 15,508.10 | 104,873.69 | 254,989.59 |
| Rice | 32,082.81 | 154,523.17 | 55,875.70 | 20,786.42 | 263,668.10 |
| Seaweed | 2,583.51 | | | 3,676.26 | 6,259.77 |
| Straw braid | 716.11 | 13,829.79 | 31,591.77 | 13,024.48 | 59,162.15 |
| Tea | 1,146,519.56 | 312,835.77 | 83,810.29 | 779,748.47 | 2,322,914.11 |
| Tooth, nail, and hair brushes | 6,041.92 | 11,650.38 | 7,883.31 | 9,438.80 | 35,014.41 |
| Vegetable wax | 7,642.17 | 5,880.05 | 708.41 | 2,785.00 | 17,015.63 |
| Miscellaneous | 163,753.96 | 235,228.89 | 160,292.79 | 176,837.70 | 736,113.34 |
| Total | 1,739,822.47 | 1,654,827.71 | 693,585.49 | 1,558,826.16 | 5,647,011.83 |

*Commerce and navigation for the calendar year 1892.*

### IMPORTS.

[The rate at which the values have been reduced ($0.708) is the average value of the silver yen for the year 1892, as estimated by the Director of the U. S. Mint.]

| Articles. | Quantity. | Value entered. | Amount of duties.* | Whence imported. |
|---|---|---|---|---|
| Arms and munitions of war | | $57,585.75 | $2,879.29 | |
| Alcohol ..... gallons | 155,081 | 153,890.28 | 2,694.51 | |
| Aniline dyes ..... pounds | 314,724 | 122,439.45 | 6,121.97 | France, Germany, Belgium, Sweden, England, Italy. |
| Beans, peas, and pulse, bushels | 2,726,189 | 1,525,637.06 | | China, Corea, Great Britain, United States. |
| Blankets ..... pounds | 577,535 | 171,776.01 | 4,981.23 | Great Britain, Germany. |
| Clocks ..... number | 36,956 | 54,000.82 | 2,700.04 | United States, Germany. |
| Chlorate of potash ... pounds | 1,737,245 | 186,918.58 | 9,345.90 | Great Britain, Germany. |
| Caustic soda ..... do | 3,849,523 | 73,988.58 | 3,699.43 | Do. |

* In gold dollars.

*Commerce and navigation at Osaka and Hiogo*—Continued.

IMPORTS—Continued.

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| Cotton: | | | | |
| Raw.....do.... | 80,973,051 | 6,067,081.12 | 174,596.14 | United States, China, India. |
| On the seeds .....do.... | 44,610,712 | 875,023.01 | 43,751.15 | China. |
| Yarn .....do.... | 17,819,843 | 2,506,819.90 | 153,696.14 | |
| Chintzes or printed cotton, yards. | 2,015,513 | 108,393.02 | 4,056.21 | Great Britain, France, Germany, Russia, India. |
| Cotton satins .....yards.. | 3,010,658 | 260,310.67 | 13,849.03 | Great Britain, Germany. |
| Cotton velvets .....do.... | 1,438,055 | 170,297.39 | 6,615.08 | Great Britain, France, Germany. |
| Flannels.....do.... | 1,739,016 | 409,510.63 | 17,999.79 | Do. |
| Flax, hemp, and jute .pounds.. | 2,176,688 | 6,329.57 | 3,164.79 | Great Britain, China, India. |
| Flax and hemp yarn ....do.... | 453,508 | 130,667.13 | 6,533.36 | Great Britain, China, India, Germany. |
| Glass, window.....cases.. | 39,975 | 78,771.29 | 3,217.99 | Great Britain, Belgium, Germany. |
| Hats and caps .....dozen.. | 25,342 | 117,474.88 | ..... | Great Britain, Germany, Italy, China, United States. |
| Hides, buffalo and cow, pounds. | 2,596,388 | 234,788.58 | 7,374.55 | China, India, Australia, Corea, Philippine Islands. |
| Handkerchiefs, cotton .dozen.. | 168,347 | 56,457.05 | 1,935.99 | Great Britain, Germany. |
| Iron: | | | | |
| Pig.....pounds.. | 19,835,409 | 190,666.45 | 5,312.41 | Great Britain, Germany, France. |
| Bar and rod .....do.... | 21,337,997 | 901,346.75 | 11,042.41 | Great Britain, Belgium, France. |
| Plate and sheet .....do.... | 3,811,049 | 59,399.92 | 1,972.22 | Do. |
| Nails.....do.... | 12,560,545 | 267,770.70 | 6,499.83 | Great Britain, Belgium, United States, Germany. |
| Italian cloths.....do.... | 2,049,675 | 335,477.24 | 14,143.79 | France, Great Britain, Germany. |
| Logwood, extract of .....do.... | 670,901 | 57,271.22 | 2,863.56 | Do. |
| Leather: | | | | |
| Sole .....do.... | 394,407 | 58,406.85 | 1,360.70 | United States, England, China, Germany, India, France. |
| Other.....do.... | 438,316 | 132,069.73 | 1,512.19 | Do. |
| Lead .....do.... | 4,580,760 | 117,083.17 | 6,321.45 | Great Britain, China, Australia. |
| Machinery, all kinds ..... | ..... | 393,069.76 | 19,653.49 | Great Britain, United States, France, Germany, Belgium. |
| Mousseline de laine....yards.. | 8,809,565 | 819,403.18 | 60,785.96 | Great Britain, Germany. |
| Oil, kerosene .....gallons.. | 13,157,805 | 950,967.19 | 47,543.36 | United States, Russia. |
| Oil cakes .....pounds.. | 53,892,872 | 401,925.65 | ..... | China. |
| Paper, other than printing .... | ..... | 75,286.68 | 3,764.33 | Great Britain, France, Germany. |
| Phosphorus, amorphous, pounds. | 108,680 | 55,931.89 | 2,796.59 | Do. |
| Paraffin oil and wax ..pounds.. | 2,298,551 | 134,793.25 | 6,739.66 | Great Britain, United States, Germany. |
| Rice.....tons.. | 35,753 | 1,087,462.60 | ..... | China, India, Corea. |
| Steam vessels.....number.. | 7 | 248,012.40 | 3,100.16 | Great Britain, France, Germany, Switzerland, Australia, Belgium. |
| Steel .....pounds.. | 2,332,407 | 50,983.00 | 2,414.00 | Great Britain, France, Germany, Switzerland, Australia, Belgium. |
| Sugar: | | | | |
| Brown .....do.... | 20,405,777 | 436,921.82 | 14,079.99 | Hongkong, Philippine Islands, China, India. |
| White.....do.... | 65,382,261 | 2,152,068.98 | 84,538.61 | Hongkong, China. |
| Shirtings: | | | | |
| Gray.....do.... | 16,448,977 | 573,593.42 | 33,103.57 | Great Britain. |
| White.....do.... | 1,812,301 | 91,637.68 | 3,647.25 | Great Britain, Germany. |
| Satins, silk and cotton mixed, yards. | 202,423 | 74,175.06 | 3,708.75 | Great Britain, Germany, France, Switzerland. |
| Turkey reds.....yards.. | 3,039,919 | 123,320.70 | 13,564.03 | Great Britain. |
| Woolen yarn.....pounds.. | 150,491 | 93,752.57 | 25,959.64 | Great Britain, Germany, France. |
| Woolen cloths.....yards.. | 127,445 | 93,587.33 | 2,931.35 | Great Britain, Germany, France. |
| Zinc, sheet.....pounds.. | 2,579,721 | 143,337.41 | 3,670.01 | Great Britain, Germany, Belgium. |
| Unenumerated articles ..... | ..... | 2,763,035.29 | 89,015.01 | |
| Total foreign produce.... | ..... | 25,643,884.10 | 940,243.95 | |
| Total Japanese produce.. | ..... | 17,963.21 | ..... | |
| Total imports..... | ..... | 25,661,847.22 | 940,243.95 | |

*Commerce and navigation at Osaka and Hiogo*—Continued.

EXPORTS.

| Articles. | Quantity. | Value. | Whither exported. |
|---|---|---|---|
| Antimony ..... pounds.. | 2, 730, 527 | $115, 622. 58 | Hongkong, England, United States, China, and Germany. |
| Bamboo..... | ..... | 76, 916. 76 | England, United States, France, Hongkong, Germany, and British America. |
| Bamboo ware..... | ..... | 130, 561. 10 | England, United States, France, Hongkong, Germany, China, and British America. |
| Bronze ware..... | ..... | 53, 128. 97 | Do. |
| Cells vegetale ..... pounds.. | 1, 540, 504 | 372, 995. 56 | Hongkong, China, India, United States, and France. |
| Copper: | | | |
| Ingot ..... do.... | 3, 017, 356 | 251, 683. 09 | Hongkong, China, Korea, Great Britain. |
| Bar, slab, etc ..... do.... | 17, 283, 537 | 1, 541, 171. 65 | Hongkong, China, Korea, India, Great Britain, and Germany. |
| Carpets..... number.. | 102, 506 | 122, 214. 30 | Great Britain, United States, France, Hongkong, China, British America. |
| Cotton flannels ..... pieces.. | 64, 962 | 62, 117. 13 | Hongkong, China, Korea, India, Russia, Australia, France, and British America. |
| Cotton piece goods, other. do.... | 258, 068 | 66, 114. 21 | Do. |
| Fish cuttle ..... pounds.. | 3, 581, 767 | 246, 273. 37 | Hongkong, China, Hawaiian Islands. |
| Fans..... number.. | 10, 349, 390 | 204, 275. 25 | Great Britain, United States, France, Hongkong, China, and Germany. |
| Ginseng..... pounds.. | 89, 252 | 84, 604. 55 | China and Hongkong. |
| Glass ware..... | ..... | 95, 672. 31 | Hongkong, China, India, Korea, Philippine Islands, and Russia. |
| Lacquer ware ..... | ..... | 83, 169. 94 | United States, Great Britain. Hongkong, China, Germany, and France. |
| Mushrooms ..... pounds.. | 1, 068, 737 | 233, 398. 61 | Hongkong and China. |
| Matches..... gross.. | 8, 964, 888 | 1, 513, 427. 44 | Hongkong, China, India, Philippine Islands, United States, Korea, Hawaii. |
| Matting ..... | ..... | 824, 537. 26 | United States, England, Honkkong, China, Germany, British America, and France. |
| Oil, rape seed ..... gallons.. | 300, 791 | 71, 274. 44 | Hongkong and Australia. |
| Paper ware ..... | ..... | 63, 226. 81 | United States, England, France, Hongkong, Germany, British America. |
| Porcelain and earthen ware.... | ..... | 572, 689. 17 | United States, England, France, Hongkong, Germany, British America, China. |
| Rape seed..... pounds.. | 4, 114, 945 | 66, 792. 22 | Hongkong and Australia. |
| Rice..... tons.. | 62, 918 | 2, 590, 712. 91 | England, United States, Hongkong, Germany, Australia, India, British America. |
| Rags ..... pounds.. | 12, 701, 665 | 140, 900. 62 | United States, China, and Canada. |
| Seaweed..... do.... | 7, 315, 443 | 81, 488. 43 | China and Hawaiian Islands. |
| Shrimps..... do.... | 1, 678, 039 | 116, 977. 90 | Hongkong and China. |
| Silk, waste ..... do.... | 527, 287 | 236, 957. 85 | France and Hongkong. |
| Screens ..... number.. | 123, 007 | 228, 256. 33 | United States, England, France, Hongkong, Germany, China, British America. |
| Tea, green ..... pounds.. | 16, 124, 299 | 1, 965, 825. 42 | United States, Canada, Korea, Hongkong, India, Russia, and Germany. |
| Tea, dust ..... do.... | 2, 540, 559 | 59, 228. 39 | United States, China, Hongkong, Korea, and British America. |
| Timber, wood and planks..... | ..... | 98, 062. 10 | Hongkong, China, Korea, Germany, and India. |
| Umbrellas, European. number.. | 1, 069, 732 | 219, 521. 97 | Hongkong, China, India, Russia, and Australia. |
| Wax, vegetable ..... pounds.. | 3, 170, 995 | 196, 891. 74 | United States, Hongkong, India, Australia, China, England, Philippine Islands. |
| Unenumerated articles (except coal and other articles for ship's use.) | ..... | 3, 820, 229. 09 | |
| Total Japanese produce | ..... | 15, 611, 283. 42 | |
| Total foreign produce ... | ..... | 147, 693. 61 | |
| Total exports..... | ..... | 15, 758, 977. 03 | |

*Commerce and navigation at Osaka and Hiogo*—Continued.

TRADE WITH THE UNITED STATES, 1892.

| Articles. | Quantity. | Value. |
|---|---|---|
| IMPORTS. | | |
| Clocks ..... number.. | 20,161 | $42,902.18 |
| Condensed and desiccated milk ..... | ..... | 19,668.08 |
| Cotton, raw ..... pounds.. | 9,021,581 | 768,848.50 |
| Flour ..... do.... | 808,779 | 18,556.20 |
| Hoofs ..... do.... | 602,801 | 5,899.18 |
| Leather, sole ..... do.... | 173,556 | 29,100.69 |
| Leather, other ..... do.... | 31,492 | 9,089.86 |
| Kerosene oil ..... gallons.. | 10,490,759 | 758,423.68 |
| Unenumerated articles ..... | ..... | 329,274.93 |
| Total ..... | ..... | 1,981,763.80 |
| EXPORTS. | | |
| Bamboo ..... pieces.. | 778,841 | 2,424.61 |
| Camphor oil ..... gallons.. | 681 | 28,342.79 |
| Camphor ..... tons.. | 104,786 | 879,498.13 |
| Matting ..... rolls.. | 168,594 | 844,250.64 |
| Manganese ore ..... tons.. | 2,500 | 6,095.50 |
| Oranges ..... number.. | 3,732,096 | 11,268.00 |
| Rags ..... tons.. | 5,396 | 152,288.43 |
| Rice ..... do.... | 10,842 | 498,492.16 |
| Rugs and carpets ..... pieces.. | 42,166 | 93,249.09 |
| Seaweed ..... | ..... | 7,363.86 |
| Straw braid ..... pieces.. | 122,939 | 34,649.74 |
| Tea ..... tons.. | 6,885 | 2,415,454.24 |
| Tooth brushes ..... gross.. | 7,229 | 23,947.10 |
| Vegetable wax ..... pounds.. | 845,668 | 29,520.42 |
| Unenumerated articles ..... | ..... | 614,791.12 |
| Total ..... | ..... | 5,143,638.83 |

NAVIGATION.

| Flag | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| *From foreign countries.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Japanese | 112 | 69,994 | 1 | 5 | 113 | 69,999 | 49 | 23,014 | 3 | 87 | 52 | 23,101 |
| British | 104 | 170,855 | 6 | 10,147 | 110 | 181,002 | 63 | 120,407 | 12 | 18,206 | 75 | 138,613 |
| Chinese | 1 | 1,211 | .... | ..... | 1 | 1,211 | .... | ..... | .... | ..... | .... | ..... |
| Dutch | 2 | 1,344 | .... | ..... | 2 | 1,344 | 1 | 672 | .... | ..... | 1 | 672 |
| French | 26 | 61,396 | .... | ..... | 26 | 61,396 | 26 | 61,736 | .... | ..... | 26 | 61,736 |
| German | 55 | 38,526 | 2 | 2,014 | 57 | 40,540 | 54 | 57,080 | 2 | 2,014 | 56 | 59,094 |
| Norwegian | 15 | 11,703 | .... | ..... | 15 | 11,703 | 9 | 6,969 | .... | ..... | 9 | 6,969 |
| Russian | 1 | 2,291 | .... | ..... | 1 | 2,291 | .... | ..... | .... | ..... | .... | ..... |
| United States | .... | ..... | 6 | 8,599 | 6 | 8,599 | .... | ..... | 13 | 20,789 | 13 | 20,789 |
| Korean | 1 | 230 | .... | ..... | 1 | 230 | 1 | 230 | .... | ..... | 1 | 230 |
| Total | .... | ..... | .... | ..... | 322 | 378,315 | .... | ..... | .... | ..... | 233 | 311,204 |
| *Coastwise.* | | | | | | | | | | | | |
| Japanese | 247 | 272,801 | .... | ..... | 247 | 272,801 | 286 | 300,773 | .... | ..... | 286 | 300,773 |
| British | 260 | 470,950 | 5 | 7,785 | 265 | 478,475 | 303 | 526,561 | 1 | 2,510 | 304 | 529,071 |
| French | 26 | 61,735 | .... | ..... | 26 | 61,735 | 26 | 61,396 | .... | 26 | .... | 61,306 |
| German | 41 | 64,476 | 1 | 1,894 | 42 | 66,370 | 38 | 42,428 | .... | ..... | 38 | 42,428 |
| Norwegian | 2 | 3,157 | .... | ..... | 2 | 3,157 | 7 | 7,446 | .... | ..... | 7 | 7,446 |
| United States | .... | ..... | 7 | 12,190 | 7 | 12,190 | .... | ..... | .... | ..... | .... | ..... |
| Dutch | .... | ..... | .... | ..... | .... | ..... | 1 | 672 | .... | ..... | 1 | 672 |
| Chinese | .... | ..... | .... | ..... | .... | ..... | 1 | 1,211 | .... | ..... | 1 | 1,211 |
| Russian | .... | ..... | .... | ..... | .... | ..... | 1 | 2,291 | .... | ..... | 1 | 2,291 |
| Total | .... | ..... | .... | ..... | 589 | 894,988 | .... | ..... | .... | ..... | 664 | 945,288 |

L. J. SMITHERS,
*Consul.*

OSAKA AND HIOGO, *February, 1893.*

## YOKOHAMA.

*Value of declared exports from the consular district of Yokahama, Japan, to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Curios | $168,352.75 | $165,448.88 | $122,544.11 | $192,463.02 | $648,808.76 |
| Dental goods | ..... | 6,191.80 | ..... | ..... | 6,191.80 |
| Fish oil | ..... | 20,418.66 | 17,690.34 | 729.72 | 38,838.72 |
| Manganese | 9,655.28 | 4,770.18 | 8,602.25 | 13,784.44 | 36,812.15 |
| Menthol | 1,867.73 | 3,394.37 | 1,057.60 | 2,164.16 | 8,483.86 |
| Miscellaneous | 1,544.09 | 3,039.13 | 902.28 | 1,436.41 | 6,921.89 |
| Mushrooms | 1,247.01 | 2,371.14 | 2,640.69 | 2,167.45 | 8,426.29 |
| Oranges | ..... | 337.98 | 52.22 | ..... | 390.20 |
| Paper goods | 10,020.16 | 13,546.26 | 14,309.33 | 24,027.53 | 61,903.28 |
| Plants | 1,456.01 | 15,904.79 | 5,553.06 | 1,907.54 | 24,821.40 |
| Seeds, oil | ..... | ..... | 1,048.35 | 1,130.10 | 2,178.45 |
| Silk goods | 778,915.27 | 793,452.78 | 992,053.92 | 844,594.98 | 3,409,016.95 |
| Silk, raw | 5,403,821.51 | 7,056,745.65 | 2,503,107.85 | 689,571.50 | 15,653,246.51 |
| Skins | 21,214.65 | ..... | ..... | 481.65 | 21,696.30 |
| Straw braid | 7,278.68 | 28,061.97 | 40,837.90 | 15,115.57 | 91,294.12 |
| Sulphur | 9,291.10 | 72,922.47 | 42.96 | 47,099.64 | 129,356.17 |
| Tea | 1,325,826.85 | 242,032.65 | 33,568.88 | 1,848,764.18 | 3,450,192.56 |
| Total | 7,740,491.09 | 8,428,633.71 | 3,744,011.72 | 3,685,437.89 | 23,598,579.44 |

W. D. TILLOTSON,
*Consul-General.*

# CONTINENT OF AFRICA.

## BRITISH AFRICA.

### CAPE COLONY.

*Value of exports declared for the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| CAPE TOWN. | | | | | |
| Aloes | | $462.25 | $561.90 | | $1,024.15 |
| Argol | | | 5,730.60 | | 5,730.60 |
| Buchu | | | 235.88 | $4,554.60 | 4,790.48 |
| Bulbs, flower | | | 315.12 | | 315.12 |
| Egg shells, ostrich | $145.74 | | | 155.72 | 301.46 |
| Feathers, ostrich | 14,039.07 | 10,219.75 | 11,077.35 | 4,565.14 | 39,901.31 |
| Flumes, conducting | | 6,004.53 | 7,069.32 | 1,222.07 | 14,295.92 |
| Skins, goat | 345.09 | | | | 345.09 |
| Wine | | 125.85 | | | 125.85 |
| Wool, grease | 7,445.77 | 72,940.50 | | 51,041.24 | 131,427.51 |
| Total | 21,975.67 | 89,752.88 | 24,990.17 | 61,539.77 | 198,267.49 |
| EAST LONDON. | | | | | |
| Dry hides | 2,654.65 | 5,099.06 | 1,990.58 | 960.07 | 10,704.36 |
| Goat skins | 11,814.13 | 10,763.78 | 8,500.78 | 2,584.59 | 33,663.28 |
| Parts of condemned anchors | | | 48.66 | | 48.66 |
| Total | 14,416.30 | 15,862.84 | 10,540.02 | 3,554.66 | 44,416.30 |
| PORT ELIZABETH. | | | | | |
| Curios | | | 300.52 | 152.86 | 453.38 |
| Feathers, ostrich | 18,877.56 | 15,542.08 | 1,404.22 | 2,480.60 | 38,304.41 |
| Hides | | | 1,915.56 | 5,067.50 | 6,983.06 |
| Mohair | | | | 615.62 | 615.62 |
| Plants | 520.09 | | | | 520.09 |
| Produce, samples of | | | 2,264.01 | | 2,264.01 |
| Shearlings | | | 581.78 | 553.19 | 1,134.97 |
| Skins | 48,262.15 | 28,693.35 | 12,067.58 | 6,061.44 | 95,084.52 |
| Wool | 41,166.58 | 10,561.19 | 170,897.83 | 119,125.91 | 341,751.51 |
| Total | 108,826.38 | 54,796.57 | 189,431.50 | 134,057.12 | 487,111.57 |

### ST. HELENA.

There has been no improvement in the affairs at this island during the year ending June 30, 1893.

Emigration has been larger than the previous year. Every steamer bound to South Africa has taken some people from the island.

The April steamer carried from this island 50 able-bodied laborers to the Port Nolloth copper mines at South Africa.

The American whaling fleet recruited here in September and again in March with good average catches.

The rise in price of sperm oil during the year has made the sperm-whale fishery a profitable investment. The prices of provisions during the year have been as follows: Beef, per barrel, $15; bread (ship), 6 cents per pound; American flour, $8.50 per barrel; Australian flour, $9 per sack of 200 pounds; but owing to large importations it fell to $7 per barrel for American and $7.50 for Australian. Kerosene, for common, $2.50 per case; high tests, $3; but owing to a large importation from the United States it fell to $2 for common and $2.50 for high tests. Lard, 12 cents per pound; American lumber, pine, $40 per M; pitch pine, $50 per M; cypress, $55 per M; American granulated sugar, 6 cents per pound; mauritus, dark, 4 cents per pound; pork, $25 per barrel.

The schooner *Lottie Beard* made her semiannual trips to this island, bringing supplies for the whaling fleet and general cargo for the island, taking the oil from the fleet to New Bedford, and the schooner *William F. Greene*, recently put on this line for the same business, made her first trip to this port, arriving in February last.

The crops have been the largest in twelve years. There was a plentiful supply of rain during the months that it was most needed. The crops of corn and other grains have never been so large. Potatoes have yielded well, and large quantities have been exported to South Africa. The American whaling fleet recruiting at this port has taken during the year about 120 tons of potatoes, besides large quantities of other vegetables. Merchant ships calling here have also taken a large supply of potatoes and vegetables.

There has been a slight increase in the acreage cultivated by the large farmers, but the acreage cultivated by the small farmers shows a slight decrease, as numbers of them have emigrated to Cape Colony, being unable to support their families by the product of their land, owing to the competition of the large farmers.

There are no statistics kept on the island except when the census is taken, so that the actual number of acres under cultivation can not be given.

To insure good crops on this island frequent rain is necessary, as most of the land cultivated is on side hills, from which the rain drains rapidly, leaving the land dry and parched, and I am of the opinion that a large part of the land cultivated on this island would only be used for pasturage in the United States or other countries.

### THE EXODUS FROM ST. HELENA.

[From the St. Helena Guardian, April 20, 1893.]

By the Conway Castle we announce in another column the departure of 50 able-bodied men for Port Nolloth and 3 for the cape. For a long time there has been a systematic emigration assisted from the cape at reduced rates for deck passage of 4 guineas. It has not been of much consequence to the island to lose a few, as the circumstances of the island would permit of emigration; but to lose our best men by the fifties is indeed sad.

First. The conditions of emigration from St. Helena are not favorable, in the higher sense. Men do not leave to gain homesteads when by their labor the land would yield a competence and maintain a home; they go to toil and grub in the earth for a pittance of 3s. a day with almost a barrack life outside the hours of mine labor. The surroundings are not happy; there are no trees, no grass, no streams of running water; but there is heat, dust, a blinding sunshine, heaps of rock piled up, sand, but a bad exchange for the beauties of our island home. Bread there is for the labor, and help for the indigent through it here at home, but the terms are not generous; 5s. a day would not be generous; it might be adequate, but not justly commensurate with the profits on the ore mined. In fact it looks as if the desperation of industrial classes was so great in St. Helena as to leave their helplessness a prey to the capital that underpays its laborers, and the desperate ones are willing to accept anything to get away from the struggle for existence, away from the sight of their mutely appealing little ones wanting food and decent clothes to cover them.

Second. The wives, children, and relatives are not adequately provided for. They remain in the state they were left in, anxiously awaiting each mail from the Cape or looking forward to the day the agents pay the allowance made the family. If a man gives 1s. a day out of his pay, what is it for a family of six? A two-pence a day each for six days, and nothing for Sunday.

Third. We are left with a disproportionate quantity of women and children without proper protection, and as a corollary to these problems an incentive to immorality. The blue book has warned us that we are 80 men to 100 women. What are we not now that two years have passed since the census has been taken?

Another aspect is given to affairs in regard to the militia. Might we not say that if more liberal terms had been offered and a guaranty under seal of the privy council that the conditions and promises would be respected and carried out the militia question would have been an accomplished fact? We opine that the militia scheme has received a great blow, 50 at a single exodus out of 300, and not calculating the

dribbling out of men to the Cape and in whalers since the statistics of able-bodied men was considered.

The depopulation of St. Helena is the result of indifferentism, red tapeism, and the blind belief in reports made by officials or specially commissioned individuals upon St. Helena and her resources. These reports are very fallible, and the ability of the reporters and correctness of the report can be greatly questioned, and are in many respects misleading.

We would not revert to the peculatory times of the honorable East India Company, but we would be glad to see premiums on initiatory actual work and premiums on results. The reading public can obtain a full report of the assistance rendered the coffee-planting industry in Guatemala from the Board of Trade Journal of February, 1893. The little State of Guatemala gives 5*d.* for every coffee tree planted—500 trees go to the acre—and 100 pounds of coffee can be produced by an outlay of $5 (£1), the selling price in Guatemala being $16 to $25 (£3 4*s.* to £5) 100 pounds. We give this as an example of what a Government could do and ought to do; the the pests and failures must not be factors against this proposition; there are as many in Gautemala as in St. Helena. Labor will overcome them all. Talk of grubs and caterpillars, let a St. Helena report-maker go the United States and report on the cotton caterpillar, and according to his report no one would ever plant a cotton seed, and yet the bales are produced by the million. At the rate of the exodus from St. Helena no industry will be able to be created; we shall be reduced to a population living upon the necessities of a military station, and property once so valuable will have reached zero, and with it a distress to many families which could have been averted by an energetic administration and a paternal home government. Out of this problem is evolved another corrollary, and that is the home government will have to pay all the salaries of its officials and maintain all pauper, sick, blind, and insane, for there will be no ratepayers to pay rates, and serve it right. The chance is not quite gone, but nearly so. The Cape and the nearest colonies are not going to accept our paupers or our maimed and incapable, somebody must maintain them.

We trust that the eyes of the Government will be opened before the crisis has arrived in St. Helena and take the remedy in time.

*Imports at St. Helena for the year ending December 31, 1892.*

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| Animals: | | | | |
| Oxen.....number.. | 26 | $1,391.00 | ..... | South Africa. |
| Horses.....do.... | 4 | 900.00 | ..... | Do. |
| Sheep.....do.... | 197 | 1,126.00 | ..... | Do. |
| Oxen.....do.... | 2 | 75.00 | ..... | Australia. |
| Arms and ammunition for military use.... | 873 | 7,310.00 | ..... | United Kingdom and |
| .....packages.. | 1,462 | | | South Africa. |
| Beer: | | | | |
| In hogsheads..... | 301 | 7,150.00 | $1,980.00 | United Kingdom. |
| In bottles.....dozen.. | 273 | 530.00 | 68.00 | Do. |
| Cement, lime, and bricks.....packages.. | 50 | 75.00 | ..... | Do. |
| Do.....do.... | 30 | 242.00 | ..... | United States. |
| Chemicals and drugs.....do.... | 45 | 900.00 | ..... | United Kingdom. |
| Do.....do.... | 3 | 85.00 | ..... | South Africa. |
| Do.....do.... | 12 | 55.00 | ..... | United States. |
| Confectionery.....do.... | 100 | 1,368.00 | ..... | United Kingdom. |
| Do.....do.... | 4 | 60.00 | ..... | South Africa. |
| Do.....do.... | 3 | 30.00 | ..... | Australia. |
| Do.....do.... | 6 | 26.00 | ..... | United States. |
| Cigars.....hundred boxes.. | 292 | 350.00 | 290.00 | United Kingdom. |
| Do.....do.... | 405 | 240.00 | | Do. |
| Do.....do.... | 470 | 670.00 | | East Indies. |
| Coal.....tons.. | 1,576 | 5,036.00 | ..... | United Kingdom. |
| Drapery and dry goods.....packages.. | 195 | 16,777.15 | ..... | Do. |
| Earthen and glassware.....do.... | 68 | 1,350.00 | ..... | Do. |
| Earthen and glassware.....packages.. | 10 | 65.00 | ..... | United States. |
| Flour (in sacks of 200 pounds)..... | 38 | 330.00 | ..... | United Kingdom. |
| Do..... | 1,680 | 11,033.00 | ..... | Australia. |
| Flour (in barrels)..... | 380 | 2,663.00 | ..... | United States. |
| Grain and seeds.....packages.. | 11 | 85.00 | ..... | United Kingdom. |
| Do.....do.... | 182 | 670.00 | ..... | South Africa. |
| Do.....do.... | 508 | 2,100.00 | ..... | Australia. |
| Do.....do.... | 193 | 1,085.00 | ..... | United States. |
| Hardware, lead, etc.....do.... | 137 | 1,450.00 | ..... | United Kingdom. |
| Do.....do.... | 3 | 80.00 | ..... | South Africa. |
| Do.....do.... | 12 | 110.00 | ..... | United States. |
| Leather, boots, saddlery.....do.... | 66 | 3,655.00 | ..... | United Kingdom. |
| Lime juice.....do.... | 30 | 30.00 | ..... | Do. |
| Leather, boots, saddlery.....do.... | 5 | 30.00 | ..... | South Africa. |
| Do.....do.... | 5 | 125.00 | ..... | United States. |

*Imports from St. Helena for the year ending December 31, 1892.*—Continued.

| Articles. | Quantity. | Value entered. | Amount of duties. | Whence imported. |
|---|---|---|---|---|
| Lime juice ..... gallons.. | 15½ | $25.00 | ..... | East Indies. |
| Marine stores, oil, paints, and tar, packages. | 119 | 1,125.00 | ..... | United Kingdom. |
| Oil cake and meal ..... cwt.. | 87 | 1,520.00 | ..... | United States. |
| Oil, kerosene ..... cases.. | 1,332 | 2,693.00 | ..... | Do. |
| Oilman stores ..... packages.. | 2,292 | 28,142.00 | ..... | United Kingdom. |
| Do ..... do.... | 24 | 315.00 | ..... | South Africa. |
| Do ..... do.... | 114 | 820.00 | ..... | Australia. |
| Do ..... do.... | 421 | 3,588.00 | ..... | United States. |
| Do ..... do.... | 143 | 1,090.00 | ..... | East Indies. |
| Perfumery ..... do.... | 3 | 110.00 | ..... | United Kingdom. |
| Onions ..... do.... | 203 | 335.00 | ..... | Do. |
| Do ..... do.... | 64 | 280.00 | ..... | South Africa. |
| Potatoes for seed ..... sacks.. | 30 | 150.00 | ..... | United Kingdom. |
| Salt provision, beef and pork ..... barrels.. | 68 | 816.00 | ..... | United States. |
| Rice (in sacks of 200 pounds) ..... | 1,367 | 7,200.00 | ..... | United Kingdom. |
| Do ..... do.... | 38 | 190.00 | ..... | East Indies. |
| Do ..... do.... | 1,400 | 5,835.00 | ..... | Mauritius. |
| Species ..... | ..... | 480.00 | ..... | South Africa. |
| Spirits ..... gallons.. | 1,651 | 3,031.00 | $4,538.00 | United Kingdom. |
| Do ..... do.... | 7 | 37.00 | | South Africa. |
| Stationery ..... packages.. | 41 | 1,370.00 | ..... | United Kingdom. |
| Stores for Colonial Government ..... do.... | 365 | 1,725.00 | ..... | Do. |
| Sugar ..... sacks.. | 226 | 2,550.00 | ..... | Do. |
| Do ..... barrels.. | 71 | 720.00 | ..... | United States. |
| Do ..... sacks.. | 31 | 185.00 | ..... | East Indies. |
| Do ..... do.... | 1,529 | 9,208.00 | ..... | Mauritius. |
| Timber, boards and scantling .. cubic feet.. | 368 | 245.00 | ..... | United Kingdom. |
| Do ..... do.. | 1,261 | 600.00 | ..... | United States. |
| Tobacco ..... pounds.. | 5,315 | 1,606.00 | 1,335.12 | United Kingdom. |
| Do ..... do.... | 605 | 150.00 | | South Africa. |
| Wine ..... gallons.. | 2,770 | 2,919.00 | 3,736.00 | United Kingdom. |
| Do ..... do.... | 3,430 | 2,922.00 | | Cape Town, S. Africa. |
| Do ..... do.... | 10 | 45.00 | | Australia. |
| Total ..... | ..... | 151,754.15 | 11,367.12 | |

In addition to the above imports there were 571 packages of whaling stores transhipped on board of the American whalers at this port, valued at $13,700.00.

*Exports from St. Helena for the year ending December 31, 1892.*

| Articles. | Quantity. | Value, including costs and charges. | Whither exported. |
|---|---|---|---|
| Hides ..... packages.. | 88 | $175.82 | United Kingdom. |
| Old iron ..... do.... | 79 | 1,363.60 | Do. |
| Old metal ..... do.... | 37 | 954.00 | Do. |
| Old rope ..... do.... | 20 | 200.00 | Do. |
| Skins ..... do.... | 4 | 100.00 | Do. |
| Wool ..... do.... | 24 | 1,049.00 | Do. |
| Potatoes (in sacks of 1 cwt.) ..... | 550 | 1,471.00 | South Africa. |
| Do ..... | 20 | 55.00 | Ascension Island. |
| Total ..... | ..... | 5,367.92 | |
| *Catch of the American whalers:** | | | |
| Ambergris ..... | ..... | 5,357.00 | |
| Bone ..... pounds.. | 1,722 | 5,660.00 | |
| Oil ..... barrels.. | 4,056 | 76,000.00 | |
| Total ..... | ..... | 87,017.00 | |

*Transhipped.

*Navigation at the port of St. Helena for the year ending December 31, 1892.*

| Flag. | Entered. | | | | | | Cleared. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Steamers. | | Sailing vessels. | | Total. | | Steamers. | | Sailing vessels. | | Total. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| British (mail steamers) | 28 | 57,267 | .... | 67 | 28 | 57,267 | 28 | 57,267 | 85 | 109,777 | 113 | 167,044 |
| Do | .... | ..... | 85 | 109,777 | 85 | 109,777 | .... | ..... | .... | ..... | .... | ..... |
| American (merchantmen) | .... | ..... | 5 | 4,719 | 5 | 4,719 | .... | ..... | 5 | 4,719 | 5 | 4,719 |
| American (whalers) | .... | ..... | 21 | 3,556 | 21 | 3,556 | .... | ..... | 21 | 3,556 | 21 | 3,556 |
| Austrian (merchantmen) | .... | ..... | 3 | 1,861 | 3 | 1,861 | .... | ..... | 3 | 1,861 | 3 | 1,861 |
| Danish (merchantmen) | .... | ..... | 2 | 813 | 2 | 813 | .... | ..... | 2 | 813 | 2 | 813 |
| Dutch (merchantmen) | .... | ..... | 4 | 4,203 | 4 | 4,203 | .... | ..... | 4 | 4,203 | 4 | 4,203 |
| French (merchantmen) | .... | ..... | 6 | 4,643 | 6 | 4,643 | .... | ..... | 6 | 4,643 | 6 | 4,643 |
| German (merchantmen) | .... | ..... | 10 | 8,733 | 10 | 8,733 | .... | ..... | 10 | 8,733 | 10 | 8,733 |
| Italian (merchantmen) | .... | ..... | 9 | 8,192 | 9 | 8,192 | .... | ..... | 9 | 8,192 | 9 | 8,192 |
| Norwegian | .... | ..... | 33 | 21,143 | 33 | 21,143 | .... | ..... | 33 | 21,143 | 33 | 21,143 |
| Swedish | .... | ..... | 6 | 4,701 | 6 | 4,701 | .... | ..... | 6 | 4,701 | 6 | 4,701 |
| Total | 28 | 57,267 | 184 | 10,870 | 212 | 229,608 | 28 | 57,267 | 184 | 173,071 | 212 | 229,608 |

Number of vessels boarded by licensed trading boats and supplied with vegetables, but which were not boarded by the harbormaster, as they did not anchor, 189. These vessel did not enter, and many of the vessels entered did not anchor, but laid off port.

*Imports and exports between St. Helena and the United States for the year 1892.*

| Articles. | Quantity. | Value. |
|---|---|---|
| IMPORTS. | | |
| Beef and pork ..... barrels | 68 | $816 |
| Biscuits ..... do | 80 | 400 |
| Cement, lime, and bricks ..... packages | 30 | 242 |
| Chemicals and drugs ..... do | 12 | 55 |
| Confectionery ..... do | 6 | 26 |
| Drapery and dry goods ..... do | 12 | 750 |
| Earthen and glass ware ..... do | 10 | 65 |
| Flour ..... barrels | 330 | 2,663 |
| Grain and seeds ..... packages | 193 | 1,085 |
| Hardware ..... do | 12 | 110 |
| Leather, boots, and saddlery | 5 | 125 |
| Oil cake, and meal ..... sacks | 337 | 1,520 |
| Oil, kerosene ..... cases | 1,332 | 2,693 |
| Oilmen's stores ..... packages | 421 | 3,588 |
| Sugar, in barrels and half-barrels | 71 | 720 |
| Timber, including boards and scantlings ..... cubic feet | 1,261 | 600 |
| Whaling stores, transhipped to American whalers ..... packages | 571 | 13,700 |
| Total | ..... | 25,158 |
| EXPORTS. | | |
| Ambergris ..... pounds | 23 | 5,357 |
| Bone ..... do | 1,722 | 5,660 |
| Oil ..... barrels | 4,056 | 76,000 |
| Total | ..... | 87,017 |

During the year ending June 30, 1893, the product of the American whaling fleet, tranferred to American vessels and "exported" to the United States, was as follows: Ambergris, 236 pounds; bones, 7,730 pounds; sperm and whale oil, 7,685 barrels,—the whole valued at $207,206.

JAMES B. COFFIN,
*Consul.*

ST. HELENA, *June 30, 1893.*

## SIERRA LEONE.

*Imports from the United States during the year ending June 30, 1893.*

| Articles. | Quantity. | Value. |
|---|---|---|
| Pine lumber ..... feet.. | 498, 530 | $10, 000. 80 |
| Oil, kerosene ..... gallons.. | 130, 515 | 13, 993. 60 |
| Tobacco, leaf ..... pounds.. | 901, 604 | 98, 712. 00 |
| Bread ..... do.... | 1, 650 | 4, 915. 20 |
| Flour ..... barrels.. | 5, 894 | 30, 604. 80 |
| Total ..... | ..... | 158, 226. 40 |

*Value of declared exports from the consular district of Sierra Leone to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Benne seed | ..... | ..... | $650. 46 | ..... | $650. 46 |
| Coffee | $51. 69 | $72. 42 | 271. 10 | $160. 24 | 555. 45 |
| Ginger | 7, 288. 29 | ..... | 1, 226. 02 | 21, 101. 05 | 29, 615. 36 |
| Gum copal | ..... | ..... | ..... | 286. 10 | 286. 10 |
| Hides (bullock) | 6, 453. 16 | 1, 552. 72 | 8, 122. 42 | ..... | 16, 128. 30 |
| Ivory | ..... | ..... | 118. 98 | ..... | 118. 98 |
| Kola nuts | ..... | ..... | ..... | 69. 60 | 69. 60 |
| Palm oil | 823. 88 | ..... | 703. 24 | ..... | 1, 527. 12 |
| Pepper (red) | ..... | ..... | 756. 90 | ..... | 756. 90 |
| Snakes and animals | 500. 00 | 500. 00 | 500. 00 | 500. 00 | 2, 000. 00 |
| Total | 15, 117. 02 | 2, 125. 14 | 12. 849. 12 | 22, 116. 99 | 51, 708. 27 |

BOLDING BOWSER,
*Consul.*

## EGYPT.

*Value of exports declared for the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ALEXANDRIA. | | | | | |
| Bones | $7, 839. 88 | ..... | $7, 278. 88 | $8, 453. 66 | $23, 572. 40 |
| Bracelets, glass | ..... | ..... | 45. 96 | ..... | 45. 96 |
| Brassware | ..... | ..... | ..... | 704. 67 | 704. 67 |
| Cigarettes | 929. 07 | $832. 04 | ..... | 335. 44 | 2, 096. 55 |
| Coffee | ..... | 50. 58 | ..... | ..... | 50. 58 |
| Costumes | ..... | ..... | ..... | 158. 78 | 158. 78 |
| Cotton | 246, 249. 53 | 1, 382, 994. 87 | 1, 002, 546. 21 | 455, 558. 88 | 3, 087, 349. 49 |
| Cutters, tobacco | ..... | ..... | 38. 34 | ..... | 38. 34 |
| Dates, preserved | ..... | 12. 42 | ..... | ..... | 12. 42 |
| Feathers | ..... | ..... | 349. 66 | ..... | 349. 66 |
| Furniture | ..... | 74. 32 | ..... | ..... | 74. 32 |
| Glassware | ..... | ..... | ..... | 79. 50 | 79. 50 |
| Onions | ..... | ..... | ..... | 5, 162. 10 | 5, 162. 10 |
| Paper, cigarette | ..... | ..... | 50. 02 | ..... | 50. 02 |
| Pipes | ..... | ..... | 6. 46 | ..... | 6. 46 |
| Prints | ..... | ..... | ..... | 1, 235. 68 | 1, 235. 68 |
| Rags | 24, 076. 71 | 30, 928. 33 | 21, 527. 99 | 50, 489. 43 | 127, 022. 46 |
| Rugs, etc | ..... | ..... | ..... | 2, 912. 73 | 2, 912. 73 |
| Skins, goat | ..... | ..... | 129. 65 | ..... | 129. 65 |
| Syrup, sugar | ..... | ..... | 97, 845. 14 | 96, 373. 49 | 194, 218. 63 |
| Tobacco | ..... | 188. 24 | 117. 13 | 2, 104. 13 | 2, 409. 49 |

*Value of exports declared for the United States, etc.*—Continued.

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ALEXANDRIA.—continued. | | | | | |
| Tombac | | | | $1,242.68 | $1,242.68 |
| Turquoises | | $251.43 | | | 251.43 |
| Varieties | | | | 219.33 | 219.33 |
| Wool | | 605.66 | $1,552.40 | 260.03 | 2,418.09 |
| Zephyrs | | 49.94 | | | 49.94 |
| Total | $279,095.19 | 1,415,967.83 | 1,131,488.81 | 625,290.53 | 3,451,862.36 |
| CAIRO. | | | | | |
| Brassware, etc | | | 636.94 | | 636.94 |
| Cigarettes | 965.00 | 1,466.00 | 1,967.22 | 909.00 | 5,307.22 |
| Curios, including antiquities | | | 14,061.21 | 1,807.00 | 15,868.21 |
| Embroideries | | | 221.06 | | 221.06 |
| Gum | 615.00 | 3,784.00 | 8,806.34 | | 13,205.34 |
| Jewelry | | | | 964.00 | 964.00 |
| Photographs | | | 358.94 | | 358.94 |
| Rugs | | | 2,959.74 | | 2,959.74 |
| Senna | 8,189.00 | 8,463.65 | 9,878.82 | 8,027.00 | 34,558.47 |
| Skins, raw | 8,855.00 | 8,492.00 | 3,672.37 | 14,739.00 | 35,758.37 |
| Sundries | 177.00 | 1,493.00 | 13,220.48 | 5,617.00 | 20,507.48 |
| Tobacco | 1,168.00 | | 71.46 | | 1,239.46 |
| Woodwork | | | 1,756.40 | | 1,756.40 |
| Wool | | | | 367.00 | 367.00 |
| Total | 19,969.00 | 23,698.65 | 57,610.98 | 32,430.00 | 133,708.63 |
| ALL EGYPT. | | | | | |
| Bones | 7,839.88 | | 7,278.86 | 8,453.66 | 23,572.40 |
| Brassware | | | 636.94 | 704.67 | 1,341.61 |
| Cigarettes | 1,894.07 | 2,298.04 | 1,967.22 | 1,244.44 | 7,403.77 |
| Cotton | 246,249.53 | 1,382,994.87 | 1,002,546.21 | 455,558.88 | 3,087,349.49 |
| Curios, including antiquities | | | 14,061.21 | 1,807.00 | 15,868.21 |
| Embroideries | | | 221.06 | | 221.06 |
| Feathers | | | 349.66 | | 349.66 |
| Gum | 615.00 | 3,784.00 | 8,806.34 | | 13,205.34 |
| Jewelry | | 251.43 | 45.96 | 964.00 | 1,261.39 |
| Onions | | | | 5,162.10 | 5,162.10 |
| Photographs | | | 358.94 | | 358.94 |
| Prints | | | | 1,235.68 | 1,235.68 |
| Rags | 24,076.71 | 80,928.33 | 21,527.99 | 50,489.43 | 127,522.46 |
| Rugs, etc | | | 2,959.74 | 2,912.73 | 5,872.47 |
| Senna | 8,189.00 | 8,463.65 | 9,878.82 | 8,027.00 | 34,558.47 |
| Skins, raw | 8,855.00 | 8,492.00 | 3,802.02 | 14,739.00 | 35,888.02 |
| Sundries | 177.00 | 1,680.26 | 13,276.96 | 6,074.61 | 21,208.83 |
| Sirup-sugar | | | 97,845.14 | 96,373.49 | 194,218.63 |
| Tobacco | 1,168.00 | 188.24 | 226.92 | 2,104.13 | 3,687.29 |
| Tombac | | | | 1,242.68 | 1,242.68 |
| Woodwork | | | 1,756.40 | | 1,756.40 |
| Wool | | 605.56 | 1,553.40 | 627.03 | 2,785.99 |
| Total | 299,064.19 | 1,439,686.38 | 1,189,099.79 | 657,720.53 | 3,585,570.89 |
| Total for preceding year | 499,864.65 | 947,218.16 | 587,978.19 | 500,260.01 | 2,536,331.01 |
| Increase | | 492,468.22 | 601,121.60 | 157,460.52 | 1,049,239.88 |
| Decrease | 200,800.46 | | | | |

CAIRO, *June 30, 1893.*

E. C. LITTLE,
*Consul General.*

# MOROCCO.

*Value of declared exports from the consular district of Tangier to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Bird seed | ..... | $700.00 | $600.00 | ..... | $1,300 00 |
| Canary seed | $390.00 | 600.00 | ..... | ..... | 1,290.00 |
| Coriander seed | 406.78 | ..... | 67.50 | ..... | 474.28 |
| Cummin seed | ..... | 250.90 | 1,012.66 | ..... | 1,263.06 |
| Curios, Moorish | ..... | 316.00 | 53.50 | $104.00 | 473.50 |
| Embroideries, Moorish | ..... | ..... | 297.97 | ..... | 297.97 |
| Goat skins | 23,592.96 | 23,531.19 | 31,051.26 | 33,520.67 | 111,696.08 |
| Gum, Senegal | ..... | ..... | ..... | 336.94 | 336.94 |
| Guts | ..... | ..... | ..... | 35.70 | 35.70 |
| Rose leaves | 259.50 | ..... | ..... | ..... | 259.50 |
| Sheep skins | ..... | 8.00 | 24.00 | 262.64 | 294.64 |
| Walnuts | ..... | 340.32 | ..... | ..... | 340.32 |
| Wool, unwashed | ..... | ..... | ..... | 204.82 | 204.82 |
| Total | 34,464.77 | 33,106.39 | 25,746.44 | 24,249.24 | 118,266.81 |

F. A. MATHEWS,
*Consul-General.*

# ZANZIBAR.

*Value of declared exports from the consular district of Zanzibar to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Chillies | $1,187.69 | $2,002.67 | ..... | ..... | $3,190.36 |
| Cloves | 22,530.89 | 82,131.29 | $10,215.58 | ..... | 114,877.76 |
| Clove stems | 1,101.53 | 200.52 | 1,504.98 | $2,240.36 | 5,047.39 |
| Ebony | ..... | 1,203.04 | 1,055.80 | ..... | 2,258.84 |
| Goat skins | 26,117.42 | 2,832.67 | 1,934.58 | 3,262.52 | 34,147.19 |
| Gum anime | 27,817.83 | 17,998.70 | 9,303.58 | 15,932.92 | 71,053.03 |
| Hides | ..... | ..... | 934.56 | 252.32 | 1,186.88 |
| Ivory | 190,029.88 | 143,184.87 | 92,065.78 | 114,144.14 | 539,424.67 |
| Rubber | 6,327.96 | 515.80 | 246.36 | 2,664.72 | 9,754.84 |
| Tortoise shell | ..... | ..... | 20.33 | ..... | 20.33 |
| Total | 275,113.20 | 250,069.56 | 117,281.55 | 138,496.98 | 780,961.29 |

C. W. DOW,
*Consul.*

# AUSTRALASIA.

*Value of exports declared for the United States for the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| **ADELAIDE.** | | | | | |
| Breeding animals | $90.00 | | | | $90.00 |
| Eucalyptus oil | 208.77 | | $438.17 | $15.00 | 647.09 |
| Furs and skins | 301,786.00 | $120,124.94 | 26,612.14 | 48,334.78 | 496,957.86 |
| Seeds | 215.00 | | | | 215.00 |
| Natural history specimens | 208.77 | | | 5.18 | 213.95 |
| Patent medicines | 1,708.20 | | 1,278.36 | | 2,986.56 |
| Personal effects | | | | 129.58 | 129.58 |
| Total | | | | | 501,240.34 |
| **SYDNEY.** | | | | | |
| Kangaroo and other skins | 273,433 | 167,565 | 54,490 | 97,709 | 593,128 |
| Coal | 37,538 | 5,840 | | 50,380 | 93,758 |
| Tin | 156,151 | 147,955 | 231,325 | 197,400 | 732,831 |
| Hides | 516 | 4,715 | 3,030 | 3,390 | 11,651 |
| Wool | 9,366 | 228,015 | 101,985 | 3,930 | 343,296 |
| Returned goods | 25,904 | 15,035 | 1,855 | 10,085 | 52,879 |
| Sundries | 10,738 | 40,725 | 23,670 | 43,690 | 118,823 |
| Total | 513,646 | 609,850 | 416,295 | 406,575 | 1,946,366 |
| Total for previous year | | | | | 1,953,280 |
| Decrease | | | | | 6,914 |
| Bullion shipments: | | | | | |
| 1893 | 2,187,170 | 2,126,975 | Nil | Nil | 4,314,145 |
| 1892 | 1,703,293 | 5,139,036 | 29,506 | 24,590 | 6,896,426 |
| Decrease | | 3,012,061 | 29,506 | 24,590 | 2,582,281 |
| Increase | 483,877 | | | | |

# POLYNESIA.

## HAWAIIAN ISLANDS.

### HILO.

#### GENERAL EXPORTS TO THE UNITED STATES.

The declared exports to the United States for the year ending June 30, 1893, were as follows:

| Articles. | Quantity. | Value. |
|---|---|---|
| Hides, green.....pounds.. | 57,589 | $3,738.04 |
| Hawaiian curios.....cases.. | 3 | 52.50 |
| Returned American merchandise | | 233.33 |
| Sugar.....pounds.. | 28,404,956 | 986,032.05 |
| Tree ferns.....number.. | 183 | 151.52 |
| Total | | 991,207.44 |

SUGAR EXPORTS TO THE UNITED STATES.

| Year. | Quantity. | Value. |
|---|---|---|
| | *Pounds.* | |
| 1889 | 11,783,925 | $663,318.85 |
| 1890 | 17,325,398 | 959,570.46 |
| 1891 | 23,585,813 | 1,028,937.95 |
| 1892 | 19,124,257 | 599,865.41 |
| 1893 | 28,404,956 | 988,082.05 |

The past season proved exceptionally favorable to the sugar-growers, the yield being greater than even in 1891. The yield for the district of Hilo was 30,000 tons, of which 14,202¼ tons were shipped direct to San Francisco, the remainder via Honolulu.

The plantations throughout the district are said to be in a prosperous condition, and the prospect is good for a large yield the coming season.

TRADE WITH THE UNITED STATES.

Goods imported from the United States during the year ended June 30, 1893, consisted of general merchandise, valued at $145,118.73.

I herewith submit a statement showing the value of imports and exports from and to the United States covering a period of four years.

| Year. | Imports. | Exports. |
|---|---|---|
| 1890 | $180,304.17 | $964,342.74 |
| 1891 | 214,253.65 | 1,030,508.95 |
| 1892 | 220,856.95 | 603,299.30 |
| 1893 | 145,118.73 | 991,207.44 |
| Total | 760,533.50 | 3,589,358.43 |

COFFEE INDUSTRY.

Government lands located in this district to the extent of 50,000 acres have been offered for lease in lots varying from 25 to 1,000 acres to coffee-growers, at a nominal rental, for a term of thirty years—the first three years to be rent free, and exemption from tax for a term of ten years.

Fully 8,000 acres have been taken and a beginning made in the systematic growing of coffee; 120,000 plants taken from the forest, and 8,000 seedlings from nurseries, have been transplanted and are said to be in a thriving condition, without signs of blight or insects injurious to coffee. The extraordinary yield of isolated trees found in the forest indicate that under proper cultivation coffee will do well and prove to be a profitable industry.

LABOR.

The laborers employed in the cultivation of coffee are mainly Japanese. They receive from $12.50 to $15 per month, and are furnished with houses, fuel, and water at the expense of the plantation.

They are free men, having completed their contracts as laborers on sugar plantations. As a rule, the Japanese prove to be diligent and faithful workers.

CHARLES FURNEAUX,
*Consular Agent.*

HILO, *July 7, 1893.*

## HONOLULU.

*Value of declared exports from the consular district of Honolulu and agencies to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Awa | ..... | $502.50 | $352.50 | $552.50 | $1,407.50 |
| Bananas | $22,671.61 | 86,120.01 | 38,029.77 | 26,753.11 | 124,574.50 |
| Beans | 588.92 | ..... | ..... | ..... | 588.92 |
| Bones | ..... | ..... | ..... | 113.08 | 113.08 |
| Coffee | 383.00 | ..... | 1,170.39 | 3,438.30 | 4,991.69 |
| Curios | 102.50 | ..... | ..... | 1,132.50 | 1,235.00 |
| Guano | ..... | 2,188.72 | ..... | ..... | 2,188.72 |
| Hides and skins | 14,989.05 | 13,227.60 | 17,101.44 | 14,700.06 | 60,018.15 |
| Household goods | 3,211.00 | 1,283.83 | 1,471.50 | 3,530.50 | 9,496.83 |
| Molasses | 1,293.40 | 599.82 | 2,330.52 | 3,091.42 | 7,315.16 |
| Pineapples | 2,944.60 | 1,317.50 | 620.50 | 6,612.00 | 11,494.60 |
| Returned goods: | | | | | |
| Miscellaneous | 9,459.88 | ..... | 1,990.97 | 716.46 | 12,167.31 |
| Bottles | 407.50 | ..... | ..... | ..... | 407.50 |
| Drums | 319.50 | ..... | ..... | ..... | 319.50 |
| Kegs (beer) | 1,581.00 | 2,597.46 | 2,744.00 | 3,901.00 | 10,823.46 |
| Whiskey | ..... | 7,927.70 | ..... | 13,340.35 | 21,268.05 |
| Rice | 126,055.43 | 92,299.05 | 43,957.63 | 20,290.17 | 282,602.28 |
| Sugar | 602,199.23 | 636,658.47 | 3,415,435.53 | 4,508,009.34 | 9,162,302.57 |
| Sperm oil | ..... | ..... | 33,310.20 | ..... | 33,310.20 |
| Sundries | 2,818.00 | 459.50 | 1,555.46 | 247.00 | 5,074.96 |
| Total | ..... | ..... | ..... | ..... | 9,751,719.98 |

H. W. SEVERANCE,
*Consul-General.*

## SAMOA.

*Value of declared exports from the consular district of Apia to the United States during the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Anthropological specimens | ..... | ..... | ..... | $352.82 | $352.82 |
| Copra | ..... | $1,591.27 | ..... | ..... | 1,591.27 |
| Samoan curios | $200.00 | ..... | $18.00 | 101.13 | 314.13 |
| Wreckage, old copper, iron, etc. | 8,638.40 | 2,053.80 | 4,210.00 | 2,515.75 | 12,417.93 |
| Total | ..... | ..... | ..... | ..... | 14,676.15 |

W. BLACKLOCK,
*Vice Consul-General.*

# SUPPLEMENT.



13357 C R——20

# EUROPE

## GERMANY.

### ANNABERG AND EIBENSTOCK.

The statement of declared exports for Annaberg, printed on page 60, includes the exports declared at the Eibenstock agency. The following statement shows the exports declared at each:

*Exports declared for the United States at Annaberg and Eibenstock during the year ended June 30, 1893.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ANNABERG. | | | | | |
| Cork | $334.90 | $384.20 | ..... | $432.70 | $1,151.80 |
| Musical goods | ..... | ..... | $515.60 | ..... | 515.60 |
| Paper goods | 2,092.09 | 1,255.35 | 2,025.60 | 1,367.75 | 6,740.79 |
| Toys and wooden ware | 10,855.65 | 1,271.00 | 558.40 | 32,194.10 | 44,879.15 |
| Trimmings | 418,709.65 | 164,641.45 | 314,337.95 | 169,615.95 | 1,067,305.00 |
| Total | ..... | ..... | ..... | ..... | 1,120,592.25 |
| EIBENSTOCK. | | | | | |
| Baskets | 1,247.40 | 1,277.50 | 2,090.00 | 1,146.70 | 5,761.60 |
| Brushes | 2,781.95 | 1,636.90 | 1,694.75 | 1,287.15 | 7,400.75 |
| Chemical colors | 2,825.70 | 1,031.10 | ..... | 906.85 | 4,763.65 |
| Laces and embroideries | 6,649.80 | 15,149.65 | 8,392.85 | 5,549.45 | 35,741.75 |
| Lace curtains | 18,822.25 | 11,762.80 | 18,304.85 | 11,675.90 | 60,565.80 |
| Leather gloves | 104,261.45 | 138,848.20 | 134,405.15 | 116,462.85 | 493,977.65 |
| Paper, colored | 21,306.45 | 21,917.80 | 14,759.35 | 21,950.10 | 79,933.70 |
| Trimmings | 95,286.80 | 34,441.40 | 112,197.15 | 16,136.75 | 258,062.10 |
| Miscellaneous | 3,794.00 | 389.25 | 213.95 | 1,042.25 | 5,439.45 |
| Total | ..... | ..... | ..... | ..... | 951,646.45 |
| Grand total | ..... | ..... | ..... | ..... | 2,072,238.70 |

### BAMBERG.

*Statement showing the value of declared exports from the consular district of Bamberg to the United States during the year ending December 31, 1893.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Mar. 31. | June 30. | Sept. 30. | Dec. 31. | |
| Basket-ware | $55,302.91 | $66,923.93 | $76,601.05 | $31,447.25 | $230,275.14 |
| Beer | 4,269.30 | 3,368.06 | 4,096.82 | 2,726.66 | 14,460.84 |
| China | 929.45 | 516.38 | 1,461.39 | ..... | 2,907.22 |
| Drugs | 151.28 | 893.13 | ..... | ..... | 1,044.41 |
| Furniture | 463.59 | ..... | ..... | ..... | 463.59 |
| Hops | 47,814.78 | 11,843.46 | 233.32 | 30,779.60 | 90,671.16 |
| Lupulin | ..... | ..... | ..... | 716.38 | 716.38 |
| Malt | 768.17 | 877.75 | 865.36 | 435.54 | 2,946.82 |
| Miscellaneous | 69.97 | 702.00 | 621.60 | 1,875.83 | 3,269.40 |
| Pieces of art | 766.12 | ..... | ..... | ..... | 766.12 |
| Wine | ..... | ..... | ..... | 424.52 | 424.52 |
| Wooden ware | ..... | 192.97 | ..... | ..... | 192.97 |
| Total | 110,535.57 | 85,317.68 | 83,879.54 | 68,405.78 | 348,138.57 |

MAX FRANK,
*Commercial agent.*

## COLOGNE.

*Statistical statemen tshowing the value of declared exports from the consular district of Cologne to the United States during the four quarters of the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Aniline salt and aniline colors | $54,639.13 | $56,616.45 | $34,019.12 | $30,826.11 | $176,200.81 |
| Books and stationery | ..... | 347.49 | 206.90 | 521.78 | 1,076.17 |
| Cement | ..... | 1,725.50 | ..... | ..... | 1,725.50 |
| Chemical apparatus | 20,230.95 | 8,124.54 | 2,762.89 | 1,395.15 | 32,513.47 |
| Chocolate and confectionery | 10,063.67 | 14,892.55 | 17,582.64 | 23,781.22 | 66,320.08 |
| Clay pipes and clay | 5,341.66 | 7,877.17 | 2,475.22 | 6,498.52 | 22,192.57 |
| Cologne water | 3,437.05 | 4,772.42 | 3,660.27 | 2,847.46 | 14,717.20 |
| Dyes, chemicals, and colors | 14,779.69 | 9,821.99 | 10,808.97 | 14,256.56 | 49,667.21 |
| Earthenware | 37,573.09 | 21,188.61 | 14,827.43 | 23,030.50 | 96,619.63 |
| Fulminates | 12,527.89 | 5,090.37 | 3,645.43 | 2,466.54 | 23,730.23 |
| Grease | 2,164.44 | ..... | 1,651.13 | ..... | 3,815.57 |
| Gimps | 992.57 | 1,422.38 | 449.49 | 305.95 | 3,170.39 |
| Horn strips | 8,330.35 | 3,786.90 | 2,921.22 | 4,811.82 | 19,300.29 |
| Indigo auxiliary | 2,992.32 | 554.00 | 1,752.03 | ..... | 5,298.35 |
| Iron (spiegel and bar) | 73,322.93 | 68,050.16 | 44,802.13 | 103,293.62 | 284,468.84 |
| Leather and leather goods | 54,643.40 | 38,921.73 | 31,731.28 | 40,415.61 | 165,712.02 |
| Machinery | ..... | ..... | 1,251.71 | ..... | 1,251.71 |
| Mineral water | 110,077.36 | 129,245.54 | 86,681.77 | 172,803.18 | 498,807.85 |
| Orange mineral and red lead | 15,841.13 | 18,354.27 | 29,300.99 | 10,206.45 | 73,702.84 |
| Paper ware | 1,774.32 | 1,623.76 | 2,475.98 | 2,408.36 | 8,282.42 |
| Potash | 60,159.82 | 61,442.95 | 58,915.96 | 54,102.31 | 234,621.04 |
| Rags | 10,750.46 | ..... | 18,819.28 | ..... | 29,569.74 |
| Silks, velvets, and plushes, cotton-mixed | 86,919.50 | 28,685.96 | 63,103.99 | 41,679.54 | 220,388.99 |
| Soap and essences | 3,754.32 | 2,255.39 | 7,820.42 | 2,721.04 | 16,521.17 |
| Steel wire and rods | 16,160.10 | 9,653.09 | 32,044.52 | 81,094.76 | 138,952.47 |
| Sugar (raw) | ..... | 34,559.71 | ..... | ..... | 34,559.71 |
| Sundries | 8,435.12 | 11,589.10 | 11,459.94 | 8,613.51 | 40,097.67 |
| Wine | 57,699.72 | 86,622.06 | 81,889.59 | 86,491.69 | 312,703.06 |
| Zinc white and zinc oxide | 5,045.60 | 11,825.80 | 14,841.43 | 11,870.99 | 53,583.82 |
| Total | 677,626.59 | 634,199.89 | 581,901.67 | 725,942.67 | 2,619,670.82 |
| Total for same quarter in preceding year | 672,002.33 | 663,597.57 | 581,155.14 | 581,289.10 | 2,497,994.14 |
| Increase | 5,624.26 | ..... | 746.53 | 144,703.57 | 121,676.68 |
| Decrease | ..... | 29,397.68 | ..... | ..... | ..... |

WM. D. WAMER,
*Consul.*

COLOGNE, *June 30, 1893.*

# ITALY.

## CARRARA.

*Declared exports for the United States during the four quarters of the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| Marble: | | | | | |
| Blocks | $105,482.98 | $95,069.33 | $142,117.30 | $147,915.72 | $490,585.33 |
| Worked | 2,041.15 | 4,411.59 | 3,832.19 | 6,759.53 | 17,044.46 |
| Statuary | 9,871.54 | 14,160.50 | 10,513.57 | 19,079.13 | 53,624.74 |
| Slabs | 17,569.22 | 42,182.63 | 42,272.48 | 36,359.24 | 138,383.57 |
| Tiles | 531.33 | 1,140.12 | 1,371.60 | 2,071.19 | 5,114.24 |
| Chips | 1,017.88 | 389.08 | 1,660.76 | 1,756.19 | 4,823.91 |
| Pumice stone | 2,030.09 | 886.20 | 1,883.29 | 1,353.39 | 6,152.97 |
| Wine | 77.20 | ..... | ..... | ..... | 77.20 |
| Miscellaneous | ..... | ..... | ..... | 490.01 | 490.01 |
| Total | 138,621.39 | 158,239.45 | 203,651.19 | 215,784.40 | 716,296.43 |

ALEX. S. ROSENTHAL,
*Consul.*

## FLORENCE AND BOLOGNA.

*Statement showing the declared value of exports from the consular district of Florence, Italy, to the United States during the four quarters of the calendar year ending December 31, 1893.*

| Articles. | Quarter ending— | | | | Total for the calendar year. |
|---|---|---|---|---|---|
| | Mar. 31. | June 30. | Sept. 30. | Dec. 31. | |
| FLORENCE. | | | | | |
| Alabaster statuary | $8,297.64 | $10,904.70 | $26,191.43 | $10,175.60 | $55,569.37 |
| Books | 760.80 | 1,491.13 | 526.16 | 1,415.20 | 4,192.29 |
| Bronzes | 1,010.00 | 681.40 | | | 1,691.40 |
| Chinaware | 2,427.45 | 715.60 | 2,550.82 | 1,012.00 | 6,705.87 |
| Household goods | 30,213.60 | 21,738.10 | 13,061.05 | 2,464.20 | 67,476.95 |
| Marble statuary | 13,067.60 | 18,431.15 | 20,205.36 | 9,600.00 | 61,304.11 |
| Mosaic goods | 687.00 | 570.87 | | | 1,257.87 |
| Pictures | 11,693.77 | 20,419.08 | 10,518.45 | 5,018.40 | 47,649.70 |
| Silverware | | 5,390.51 | 8,328.47 | 2,000.40 | 15,726.38 |
| Soap | 659.38 | | | | 659.38 |
| Skins | 19,169.46 | 1,967.43 | | 7,877.20 | 29,014.09 |
| Straw goods | 297,867.71 | 114,427.21 | 129,508.23 | 211,921.32 | 753,724.47 |
| Sundries | 1,107.75 | | 318.64 | 86.00 | 1,512.39 |
| Wine, etc | 8,552.40 | 7,892.41 | 6,746.75 | 11,577.80 | 32,769.36 |
| Total | 373,514.56 | 204,635.59 | 217,954.36 | 263,148.12 | 1,059,252.63 |
| BOLOGNA. | | | | | |
| Bees | | 73.34 | 15.44 | | 88.78 |
| Cheese | 26.54 | | | | 26.54 |
| Clover seed | 2,613.61 | 1,235.20 | | | 3,848.81 |
| Hemp | 65,198.26 | 86,935.69 | 24,090.70 | 23,190.31 | 200,014.96 |
| Medicines | 22.34 | | | 751.54 | 773.88 |
| Rush baskets | 1,208.23 | 1,188.00 | 277.92 | 458.92 | 3,133.07 |
| Sausages | 173.70 | | 480.14 | 2,139.39 | 2,793.23 |
| Straw goods | 20,917.05 | | 11,562.37 | 11,542.20 | 44,021.62 |
| Sundries | | | | 165.98 | 165.98 |
| Wine | 185.66 | | | 129.12 | 314.78 |
| Total | 90,345.39 | 89,430.23 | 37,026.57 | 38,377.46 | 255,181.65 |
| Grand total | 463,859.95 | 294,067.82 | 354,980.93 | 301,525.58 | 1,314,434.28 |

JAMES VERNE LONG,
*Consul.*

## RUSSIA.

*Exports declared for the United States during the four quarters of the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total for the year. |
|---|---|---|---|---|---|
| | Sept. 30. | Dec. 31. | Mar. 31. | June 30. | |
| LIBEAU. | | | | | |
| Calfskins | $9,693.27 | | $10,520.31 | $28,382.37 | $48,595.95 |
| Cattle hair | | | 4,926.04 | 927.73 | 5,853.77 |
| Cumin seed | | | | 114.61 | 114.61 |
| Goatskins | 8,752.16 | $51,383.35 | 85,347.50 | 92,136.32 | 237,619.33 |
| Matches | | 23.71 | | | 23.71 |
| Horse manes | | | 2,418.48 | | 2,418.48 |
| Total | 18,445.43 | 51,407.06 | 103,212.33 | 121,561.03 | 294,625.85 |
| REVAL. | | | | | |
| Camel's hair and wool of sheep | | | $5,686.00 | | 5,686.00 |
| Horse, goat, and lamb skins, and wooden bowls and spoons | | | | 3,266.00 | 3,266.00 |
| Total | | | 5,686.00 | 3,266.00 | 8,952.00 |

# SPAIN.

*Exports declared for the United States during the four quarters of the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ALICANTE. | | | | | |
| Licorice root | $36,565 | $23,402 | $30,441 | $31,800 | $121,908 |
| Shelled almonds | 10,625 | 35,310 | 15,655 | 21,728 | 83,318 |
| Grass mats | | | 1,006 | | 1,006 |
| Red pepper | | | 144 | 150 | 294 |
| Total | | | | | 206,526 |
| MADRID. | | | | | |
| Antiquities | 5,080 | | 1,167 | | 6,247 |
| Books | | | 155 | | 155 |
| Fans and guitars | | 248 | | | 248 |
| Goatskins | 13,998 | 17,308 | 8,316 | 1,882 | 41,508 |
| Common soap | | 5,299 | 5,424 | | 10,723 |
| Oil paintings | | | 125 | | 125 |
| Colored vases | | 89 | | | 89 |
| Total | 19,078 | 22,994 | 15,187 | 1,882 | 59,091 |

## MALAGA.

The trade with the United States for the calendar year 1893 has been more active than during the previous year.

### IMPORTS AND EXPORTS.

The quantity of American produce landed, consisting of cotton, petroleum, and staves, approximated in value to $575,000, and the exports from this consular district to $1,583,376.43, an excess of $384,616.22, as compared with the previous year, 1892.

*Raisins.*—The raisin market opened beyond the reach of our merchants, anticipating an early fall in prices, the crop being short; the fruit was good, however.

The number of boxes of raisins shipped to the United States amounted to 29,838; prices ranging from $3.50 to $4.25 for first-class layers, $1 to $1.60 for the inferior class. Loose muscatels, $1.90 to $2.10 for first-class and 90 cents to $1.10 for inferior.

*Almonds.*—Almonds have been very abundant. The crop was estimated as follows: Jordans, 86,000 arrobes of 25 pounds per arrobe; Valencias, 70,000 arrobes—making a total of 156,000 arrobes, while that of 1892 was estimated at only 92,000 arrobes, thus showing an increase of 64,000 arrobes. Two-thirds of this fruit is generally shipped to the United States and the balance to English and other markets. The prices have ranged from $4.35 to $6.30 per arrobe of 25 pounds for Jordans, and from $3.25 to $3.90 for Valencias.

*Lemons.*—The crop of lemons has been about half of last year's, but fine in quality, prices ranging from $1.60 to $2.15 per box.

*Oranges.*—The orange trees seem to flourish, notwithstanding the serpeta or "blight" which afflicts them. The crop was not an average one, prices ranging from $1.70 to 2.15 per box.

*Wines.*—Malaga inferior wines are not sought in America as in former years, and consequently the shipments have been small. Prices from $14 to $20 per ordinary quarter casks.

*Olive oil.*—The oil crop, which promised in the middle of last year to be very abundant, became reduced by one-half owing to the dryness of the weather during the end of the summer and the fall.

*Lead.*—Shipments to the United States have been about one-third in excess of last year. Present quotations, $62 to $72 per ton, according to brands.

*Grapes.*—The packing of grapes has been very active. Large quantities have been sent to the United States, chiefly from the province of Almeria, in this consular district. Ruling price $2.90 per keg of 50 pounds.

*Palm-leaf hats.*—The shipments to the United States have been and are large; ruling prices from 60 to 30 cents per dozen, according to size.

*Staves.*—The demand this year has been considerable, heavy pipes having been sold at $3.80 and light at $2 per thousand.

*General features of agriculture.*—The crops of this province during this year have generally been less, except in wheat, which has yielded favorably. The first quality is selling at from $2.65 to $2.90 per bushel of 90 pounds.

### VINE-CULTURE.

The growing of raisins, which still forms the staple industry of this province, is not now so large as in former years. This fact must solely be attributed to the ravages of the phylloxera, which is said to have already reduced the production by more than a quarter of a million of boxes. The American vine-planting has led to the cultivation of numerous vineyards, partly with great success. Some years ago the crop of raisins figured to nearly 2,400,000 boxes, and the shipments of this fruit to the United States amounted to more than a million boxes, which were carried by American sailing vessels; these having been superseded by British and other foreign vessels.

The crop was estimated this year at 450,000 boxes, while that of 1892 reached 523,000 boxes, a decrease of 73,000 boxes. At the present time it may be said that the actual production of raisins is solely derived from the American planting, the old vineyards having almost entirely perished.

Many of the American plantations are flourishing and bid fair to produce good crops on account of the adaptability of the soil. Also intelligent and experienced vine-growers have demonstrated that many soils, principally those in mountainous and stony places, are nonsuitable to the development of the American vine. It has, however, been demonstrated by practical men in vine-culture that when the American Riparia is grafted into muscate or other classes of vines, in unsuitable soils, as already stated, the stem becomes very poor and thin, and consequently flexible and without sufficient strength to support the American graft.

Of the extensive American planting in this province many acres have proved ruinous to the vine-growers and therefore they have to select those peculiarly adapted soils.

### PUBLIC HEALTH.

The sanitary condition of Malaga during the year 1893 has, on the whole, been satisfactory. There were some cases of smallpox, but of no alarming progress. The officials are, to the utmost, strict and faithful in the manner in which they enforce the health regulations of the fort. At the present time good health is enjoyed throughout this province.

### MISCELLANEOUS.

Freights to the United States, $8 to $10.70 per ton.

Exchange: London: Sight, 30.75 ptas per £; 90 $^{d}_{d}$, 30.60 per £. Paris: Sight, 22.15 per cent; 90 $^{d}_{d}$, 21.55 per cent. It is difficult to negotiate bills on the United States.

*Articles exported from this consular district to the United States during the calendar years 1892 and 1893.*

| Articles. | | 1892. | 1893. | Increase. | Decrease. |
|---|---|---|---|---|---|
| Almonds | boxes | 32,513 | 35,607 | 3,094 | |
| Aniseed | bags | 200 | | | 200 |
| Colocynth | cases | 46 | 33 | | 13 |
| Figs | mats | | 1,658 | 1,658 | |
| Grapes | barrels | 138,554 | 276,827 | 138,273 | |
| Iron ore | tons | 19,301 | 28,768 | 9,467 | |
| Lemons | ½ boxes | 53,458 | 59,671 | 6,213 | |
| Lead | figs | 7,028 | 10,689 | 3,661 | |
| Ojen's brandy | cases | 56 | 150 | 94 | |
| Olives | do | 4 | | | 4 |
| Olive oil | do | 1,011 | 7,370 | 6,359 | |
| Oranges | do | 7,101 | | | 7,101 |
| Orange peel | bales | 47 | | | 47 |
| Palm-leaf hats | do | 1,298 | 1,828 | 530 | |
| Pomegranates | cases | 1,776 | 1,418 | | 358 |
| Red pepper | do | 246 | 352 | 106 | |
| Raisins | boxes | 64,270 | 29,838 | | 34,432 |
| Sundries | do | 37 | 11 | | 26 |
| Wine | ½ casks | 500 | 362 | | 138 |

THOMAS RUIZ GEARY.
*Acting Consul.*

MALAGA, SPAIN, *December 31, 1893.*

## BARCELONA.

### INTRODUCTORY REVIEW OF 1893.

As Barcelona is the commercial center of Spain, it feels not only the influences that affect trade in every other locality of Spain, but also, to an exceptional degree, the advantages or disadvantages that result from the relations of Spain with foreign countries.

The internal condition of Spain during the year 1893 was not favorable to trade. Disturbances of a political nature were of frequent occurrence, owing to the redivision of the Peninsula into military districts and to the imposition of certain taxes which were regarded as burdensome and unbearable by the people of many towns.

Furthermore, the appearance and continuance during two months of the cholera in the northern part of Spain and the fear that it would spread tended to depress business and make merchants conservative. The natural enterprise and industry of all the commercial classes were still further restricted by the outrages perpetrated in this city by the anarchists and by the outbreak of hostilities at Melilla between the Spaniards and the Moors, and, finally, by the apparent hopelessness of concluding a treaty of commerce with France or with any other great power capable of affording, or, rather, willing to afford, a large enough market for the natural products of Spain.

The strained commercial relations of Spain with France have resulted, however, in affording a perceptible stimulus to home manufactures. Owing to the high rate of duties, unusually large quantities of raw material were purchased by the Barcelona manufacturers, who, as I have intimated, are the strongest in Spain, and more strenuous efforts were made than ever before to supply the demand for manufactured articles with home-made goods. This ambitious attempt has resulted in an increase in the number of factories and of the number of wealthy men in this city.

### MONEY.

Spain has the double standard, gold and silver. Four years ago silver began to fall in value; consequently the gold went out of the country. With but few oscillations her silver has steadily lost ground, and at the end of 1893, instead of being able to buy a pound sterling for 25 pesetas, as was the case four years ago, it cost in 1893 31 pesetas. The money in circulation is silver, paper, and copper coins, and rather too conspicuous an amount thereof is counterfeit.

### POPULATION.

No one knows the exact population of Barcelona proper, and the most careful estimates vary from 300,000 to 450,000. All agree that the city is growing more populous yearly, and yet the statistics show that the number of deaths is greater than that of births. This anomaly is attributable, it is claimed, to the fact that there is a disinclination on the part of many to make their existence known, hoping thus to avoid paying taxes. It is safe to say, however, that Barcelona and its contiguous environs have now a population of about 500,000.

### PUBLIC HEALTH.

The public health was excellent during the year, not only in Barcelona, but throughout all of the principality of Catalonia. The only outbreak of cholera in Spain was in the northern province, Vizcaya, of which Bilbao is the capital, and it lasted from September 4 to November 3. The total number of cases was 1,117, and the total number of deaths was 473. The small proportion of deaths indicates that the disease was not so virulent as it has been hitherto, and also that the treatment of the patients is more scientific.

### IMPROVEMENTS.

No great public works were begun during the year; but in the new part of the city, called the Ensanche, some handsome buildings were constructed, and in the port the mason work was continued with considerable energy.

NEW TAXATION LAWS.

Of the new laws that were put into operation during 1893, the most important were those referring to taxes. Proprietors of houses and lands now have to declare what their rents and profits amount to and to pay taxes on them. Insurance companies are compelled to pay an industrial tax of 2 per cent on their annual premiums, and their agents have to pay 2 per cent on the commissions they receive. Furthermore, every insurance company that does business in Spain must invest 1,000,000 pesetas ($200,000) in Spanish bonds, lands, mortgages, stocks, or other corporeal hereditaments. A tax also of 500 pesetas ($100) has been put on private carriages, with the result that the streets are perceptibly less animated than before the law went into operation.

IMPORTANT EVENTS.

*Copyright.*—During the last ten days of September "L'Association Littéraire et Artistique Internationale" held sittings in the great hall of the university and discussed International Copyright. All of the great and some of the smaller European nations were represented. At the opening session Captain-General Martinez Campos presided, having on his right the governor and on his left the mayor. The audience was composed of the most distinguished persons in this part of Spain. Among the speeches that were made was a remarkably brilliant one by Dr. Gustav Diercks, who married a number of years ago in Berlin the niece of our minister, George Bancroft. As no delegate was present from the United States, I was called upon to represent the literary portion of our people, and I made a short speech in which I expressed our sympathy with every attempt that is made to cause to be respected the rights of authors and artists. On a later occasion I had an opportunity to speak more generally, and I said, among other things:

"As we have met here with the simple object of protecting the rights of a small class of individuals, without distinction of race, so, let us hope, the nations of the world will in time be brought together, and will be eager and anxious to legislate for the common good of all classes, of all peoples, and of all mankind."

*Anarchism.*—On the 24th of September, during a parade near the university, an attempt was made by an anarchist named Pallas to kill Captain-General Martinez Campos. Two bombs were thrown and the captain-general and several others were wounded and a guard was killed. Pallas was court-martialed and shot. One of his remarks, made just before his death to the priests, who urged him to confess so that he might be buried in sacred ground, was quite Socratic, and was widely quoted. It was this: "All the earth is sacred."

On the night of November 7th a bomb was thrown by an anarchist named Salvador from a gallery in the Liceo, which is one of the largest opera houses in the world, and 23 persons were killed and 50 wounded. The terror as well as the indignation produced by this event was indescribable; and it is doubtful whether for at least a year there will be any large social reunion in this city.

Had our warships the *Chicago* and the *Bennington* remained here until the 10th of November, as had been at first intended, some of the officers would have occupied with me a box that was riddled with eighteen pieces of shell; but fortunately Admiral Erben changed his plan, and when the explosion took place the warships were at Marseilles.

*Hostilities in Morocco.*—The outbreak of hostilities between the Moors and the Spaniards at Melilla, although it caused the greatest excitement in the southern part of Spain, did not disturb in the least the equilibrium of the people of this principality. The truth, is trade and commerce have developed the ratiocinatory faculties of the Catalans, and they are no longer easily fired into excessive enthusiasm. Several regiments, however, were sent to the scene of action from Barcelona, and they proved themselves to be among the best and most efficient regiments called upon to add to the glory of Spain.

The trouble arose from the construction by the Spaniards of a fort, commanding territory including a Moorish cemetery. Several small actions took place, and the Spaniards lost their commanding general and, it is said, about 100 men, while 134 were wounded.

To avenge this insult to the national honor of Spain an army of 25,000 men, commanded by 27 generals, was concentrated in Melilla, and Captain-General Martinez Campos thereupon hastily proceeded thither to direct the campaign; but shortly after his arrival he decided to terminate the difficulty diplomatically. He was appointed ambassador extraordinary, and, in due course of time, the Sultan expressed his willingness to receive him.

He is now on the point of undertaking his journey, and it is expected that he will secure a suitable indemnity.

TRADE WITH THE UNITED STATES.

There is no direct line of steamers between Barcelona and the United States, but during the course of the year quite a number of tramps arrive here with cotton, petroleum, and staves.

The most usual way of shipping other goods between the two countries is via Marseilles, Habana, Bordeaux, and Liverpool, and not infrequently our goods while en route lose their nationality and are classified as French or English on entering Spain. This mistake will probably occur more frequently hereafter, as the productions of England and France, as well as some other European countries, are now entitled by treaty or by *modus vivendi* to the benefit of the minimum Spanish tariff, while the maximum rates of duty are applicable to the goods entered as productions of the United States.

Statistics of imports into Barcelona are not obtainable in printed form until they are antiquated, nor, except at great expense, in written form within one year after their entry, and even then they are not complete nor correct; but there is no doubt that the imports from the United States (principally cotton, petroleum, and staves,) amount to about $15,000,000 yearly, or $5,000,000 more than the imports from any other country.

The following tables show what the declared exports from Barcelona to the United States have been during the last three years.

*Exports declared for the United States at Barcelona.*

| Articles. | 1891. | 1892. | 1893. |
|---|---|---|---|
| Books | $1,363.80 | $973.00 | $907.00 |
| Building stones | 106.00 | ..... | ..... |
| Copper molds | 66.00 | ..... | ..... |
| Corks | ..... | ..... | 1,972.00 |
| Drugs | 140.00 | ..... | ..... |
| Earthenware | 242.00 | ..... | ..... |
| Felt | 143.00 | ..... | ..... |
| Fruit | 62.50 | ..... | ..... |
| Glass | ..... | ..... | 68.00 |
| Glycerine | 107,504.74 | 172,027.00 | 84,065.00 |
| Household effects | ..... | ..... | 450.00 |
| Jacknasses | 35,300.00 | 36,995.00 | 14,380.00 |
| Lees of wine | ..... | ..... | 6,723.00 |
| Licorice | 1,553.00 | 68,428.00 | 60,960.00 |
| Machinery | 443.00 | ..... | 140.00 |
| Mineral water | 11,786.98 | 13,667.00 | 18,971.00 |
| Models | ..... | ..... | 100.00 |
| Objects of education | 239.60 | ..... | ..... |
| Oil paintings | ..... | 3,661.00 | ..... |
| Oratory | ..... | ..... | 403.00 |
| Palm objects | ..... | 63.00 | ..... |
| Paper | 1,053,00 | ..... | ..... |
| Pasteboard | 41.00 | ..... | ..... |
| Perfumery | ..... | 1,250.00 | ..... |
| Pepper, red | 154.00 | 719.00 | 406.00 |
| Personal effects | ..... | 457.00 | ..... |
| Ponies | ..... | 219.00 | ..... |
| Religious objects | 424.00 | 403.00 | ..... |
| Returned goods | 1,191.00 | ..... | ..... |
| Saffron | 1,571.60 | 690.00 | 1,338.00 |
| Salt | ..... | ..... | 232.00 |
| Silk, raw | 234.64 | ..... | ..... |
| Skins | 17,999.65 | 14,381.00 | 12,659.00 |
| Tartar | 35,979.68 | 172,315.00 | 202,717.00 |
| Thread | 265.00 | ..... | ..... |
| Tiles | ..... | 1,644.00 | ..... |
| Wine | 9,220.26 | 5,960.00 | 6,919.00 |
| Wool | ..... | ..... | 3,000.00 |
| Sundries | 86.00 | 429.00 | 1,221.00 |
| Total | 227,170.45 | 494,281.00 | 416,731.00 |

HERBERT W. BOWEN,
*Consul.*

BARCELONA, *January 19, 1894.*

# THE UNITED KINGDOM.

*Exports declared for the United States during the four quarters of the year ending June 30, 1893.*

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Sept. 30, 1892. | Dec. 31, 1892. | Mar. 31, 1893. | June 30, 1893. | |
| ATHLONE. | | | | | |
| Woolens | $5,066.00 | $5,284.00 | $3,489.28 | 11,926.50 | $25,765.78 |
| LIMERICK. | | | | | |
| Bacon (middles and hams) | | 560.88 | | | 560.88 |

JOHN BURGESS,
*Consul.*

## PLYMOUTH.

### AGRICULTURE.

The year 1893 will long be remembered by agriculturalists as the year of the long drought and low prices. The prices of all produce, except hay and straw, were lower than for very many years. The abnormally early, dry, and hot spring was the cause of a very small crop of hay and straw. The spring corn crop, too, in very many cases failed. Grass was very scarce during the summer and store stock of all kinds was almost unsalable, whilst wheat at one time sold at less than 25 shillings per quarter.

At one period it was feared that the root crops would be doomed to failure and large areas of mangolds were destroyed, but the rain came just in time to secure a fair average harvest, and the favorable autumn enabled farmers to economize considerably in the matter of keep. The root crop will make up for the other kinds of fodder. A perceptible improvement towards the close of the year has taken place everywhere in the value of store stock, and if breeders can only tide over the winter it is anticipated that there will be an advance in the spring, by which grazers will benefit. Although the season to August was so unfavorable to stock-breeders, the mild autumn weather was some compensation. Catch crops, too, were extensively sown and were very promising. There never was a better season for clearing the stubble, tilling the winter corn, or consuming roots on the land, and all the operations were accomplished at a minimum of expense. Favorable and clean seed beds have been the rule and the winter wheat looks remarkably well. There is some slight prospect of brighter times. A matter for congratulation is that the flocks and herds have continued healthy and that disease has not decimated them as in 1879, but the question of price has remained a knotty point.

Poultry farmers have done well, but prices have until the last few weeks been low. Apples and fruit have been a record crop; it could not have been a better year for apples and cider has been very cheap.

To sum up the harvests, it may be said that winter wheat and early barley on well-cultivated farms were good crops. Late barley and oats were poor; mangolds were not plowed up fair; swedes, common turnips, and cabbages good; grass very scarce in the summer and plentiful in the autumn. Apples and other fruits a record. Hay and straw dear and scarce. Store cattle very cheap, but prices improving latterly. Fat cattle sold generally well; fat sheep slack, but realized a fair average price; store sheep low, but improving; pigs dear generally. Horses sold well. Poultry cheap.

Whilst farmers in other parts of England were complaining of the excessive drought, the poor farmer was rejoicing. From June to September very little rain fell, and visitors to Dartmoor were reveling in bright sunshine and could safely and fearlessly explore tracts which at other times were bog and marsh. The lambing season was a good one; the lambs were plentiful, large, and healthy, and with a good bite of grass grew very rapidly.

The moorland hay harvest, saved in good condition, was rather above the average. Vast herds of cattle and flocks of sheep were sent to the moors for "summering" and were returned in good order.

The following agricultural statistics are of interest: In 1861 the agricultural wage-earners of Devonshire numbered 41,229; in 1871, 33,662; in 1881, 29,282, and in 1891, 25,126. The acreage under crops, and including bare fallow, in Devonshire in 1871 was 500,000 acres, whereas this year it is only 369,000 acres, showing how very nearly the diminution in employment follows the diminution in tillage land.

### TRADE AND COMMERCE.

Turning to trade and commerce, I beg to report that whilst the majority of ports in the United Kingdom have felt the severe effects of the depression, the port of Plymouth enjoys a fair average trade in imports and exports. Both in number and in tonnage the vessels entering each of the principal harbors of this port showed an increase. The only falling off was in the import of coals, but it is so slight that it would not be worth mentioning, except for the fact that it is entirely due to the great strike. But for that a very large increase would have been reported. The decline, under the circumstances, can not be said to be serious, and does not affect the position of the port as the third largest in the Kingdom for the importation of coal by sea.

The decision of the Cape government to land the mails both by the Castle and Union lines of steamers at Plymouth has given great satisfaction.

Several developments in the facilities of this port for increasing trade and commerce are worthy of mention. In Sutton Harbor considerable progress has been made in deepening the harbor and the construction of the new water-side fish market, which will in all probability be completed this year. In Cattewater the principal new feature has been the building of large oil tanks, enabling oil-tank steamers to steam alongside and pump their contents into the warehouses above. The harbor has been surveyed by the admiralty, as also the greater portion of the port, and new charts will shortly be issued. A covered way is being built from the Great Western pontoon to the customs house for the convenience of passengers landing by tender from mail steamers. Shipbuilders have been fairly busy, new boats having been launched, and several large vessels have been repaired.

Plymouth shipping returns give the following statistics relating to 1891, 1892, and 1893:

### BUSINESS AT THE GREAT WESTERN DOCKS.

The imports and exports amounted to 182,290 tons coastwise and 149,525 tons foreign. This quantity was made up and compared with 1891 and 1892, as under:

| Articles. | 1891. | 1892. | 1893. |
|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* |
| Grain | 114,681 | 106,805 | 129,223 |
| Coals | 40,556 | 20,626 | 31,400 |
| Clay | 19,083 | 14,961 | 16,812 |
| Manures | 15,274 | 17,564 | 13,908 |
| Guano | 612 | 430 | 480 |
| Timber and sundries | 135,301 | 164,278 | 139,972 |
| Total | 325,510 | 324,364 | 331,815 |

The sundries for 1893 includes timber, 15,535 tons; stone, 10,910; the former a slight decrease, the 1892 returns being: timber, 16,746; stone, 6,200.

| Description. | 1891. | 1892. | 1893. |
|---|---|---|---|
| GREAT WESTERN DOCKS. | | | |
| Vessels entered | 2,962 | 2,970 | 3,256 |
| Registered tonnage | 558,252 | 579,886 | 631,514 |
| Mails in and out | 324 | 307 | 292 |
| SUTTON HARBOR. | | | |
| Vessels | 907 | 1,025 | 950 |
| Registered tonnage | 108,582 | 116,182 | 117,017 |
| CATTEWATER HARBOR. | | | |
| Vessels | 1,379 | 1,497 | 1,529 |
| Registered tonnage | 163,851 | 158,918 | 170,821 |

IMPORTS.

| Articles. | 1892. | 1893. |
|---|---|---|
| | *Tons.* | *Tons.* |
| Timber, deals, etc | 26,660 | 38,167 |
| Coal and culm | 35,197 | 32,150 |

A large quantity of phosphates, iron pyrites, and petroleum was also imported.

EXPORTS.

| Articles. | 1891. | 1892. | 1893. |
|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* |
| China clay | 34,134 | 33,865 | 32,550 |
| Fire bricks | 8,507 | 5,716 | 7,410 |

TOTAL SHIPPING.

1891: Vessels, 5,248; registered tonnage, 830,685. 1892: Vessels, 5,503; registered tonnage, 864,986. Vessels, 5,735; registered tonnage, 919,352.

CITY OF PLYMOUTH.

Municipally marked progress has been made with street improvements; overcrowded property is gradually being demolished and wider thoroughfares appearing. The past year has also witnessed a considerable addition to house property in the borough, particularly on the north and east sides of the town. The importance of good sanitation has not escaped attention, and the town has fully maintained its position as regards health, the death rate throughout the year being a favorable comparison with the averages of the chief English towns.

THOS. W. FOX,
*Consul.*

PLYMOUTH, *January 15, 1894.*

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DARTMOUTH AGENCY.

[Inclosure 1 in Consul Fox's report.]

The leading firm here is doing a large business in engineering and building and fitting out steam launches and other vessels. The other shipbuilders have been doing a fair amount of business, principally fitting out and repairing yachts. The Demerara and West India boats call here every two or three weeks. A good number of steamers have called here for bunker coal. The imports have been almost nil. The harvest has been pretty good on the whole.

G. HINGSTON,
*Consular Agent.*

T. W. FOX, Esq., *American Consul, Plymouth.*
DARTMOUTH, *December 30, 1893.*

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JERSEY.

[Inclosure 2 in Consul Fox's report.]

SIR: Since my report dated September, 1893, no events have happened within the sphere of this agency which would be of interest to the Government of the United States.

No American ships have entered any of the harbors of the island, nor have I had knowledge of the export of goods of any kind to the United States.

E. B. RENOUF,
*Consular Agent.*

JERSEY, *January 6, 1894.*

# FRENCH GUIANA.

## WOODS AND RIVERS.

The boundaries of French Guiana, which are not yet definitely settled on account of the contested territory between France and Brazil, occupy an area of about 2,000 square leagues, watered by twenty-two rivers and covered in most by gigantic forests of woods, valuable for all sorts of construction, and of the very best quality in regard to durability and beauty, especially the colored woods generally employed in the manufacture of household furnitures. The chief of these are wacapon, balata, rosemäle, green heart, angélique, St. Martin, ironwood, guaiac, Maria Congo, montouchi, courbaril, bagasse, and bonviolet, satiné rubané, lettré moucheté, boco, panacoco, satin gris and rouge, cedar, serpentwood, and patawa.

The balata is farmed in a yet defective manner; the hevea guyanensis is well distributed, but is found most abundantly at the head waters of the Oyapock.

*Rivers.*—The principal rivers which are navigable for the greater part of their courses are the following: Maroni, Mana, the Sinnimari, Kouron, Approuague, Onamary, Oyapock, and the Cayenne.

## POPULATION.

The population of French Guiana is estimated at 23,863 inhabitants, of whom 1,000 are in the town of Cayenne.

## TRADE AND COMMERCE.

Our commerce is carried on by 23 first-class licensed merchants, who are empowered to receive consigned vessels, and 80 second-class merchants, nearly the whole of whom are provision shop-keeper, either Arabians, free convicts, or Chinese. Up to date (December 23, 1893) there were according to licenses recorded 21 Arabs, 15 Chinese, and 2 coolies.

The wholesale trade consists in receiving full sundry cargoes, such as victuals, wines, oils, liquors, materials, implements, and all articles necessary for local consumption, imported from France, the Leeward Islands, or North America.

Molasses and raw sugar are chiefly and in greater part imported from Georgetown, British Guiana.

Refined or crystallized sugar is imported from the French West Indies and Trinidad.

Coffee is provided in small quantity from the Leeward Islands, France, and the United States.

## INDUSTRIES.

*Cacao.*—The quantity of cacao berry shipped to France or the United States in 1891 amounted to nearly 10 tons, since which period, for want of workmen required for harvesting, the production has fallen 50 per cent.

*Sugar plantations.*—Since the stoppage of coolie immigration all the sugar plantations have been abandoned except the Factory of St. Maurice, in Maroni district, owned by the Penal Board (Administration Penitentiaire), which gets sugar cane from "free grantees," to whom cultivable lands are given near the factory. From this sugar rum is produced, which is consumed on the spot, in the settlement stations or districts, such as St. Laurent, St. John, Kouron, Safety Island, and Montagne d'Argent.

Three rum factories are busily employed in distilling molasses imported from Demearara, conjointly with rosewood essence, the product of which is quite sufficient for home use.

## IMPORTS AND EXPORTS.

The imports and exports for the year ended 1892 were as follows: Imports, $1,990,000; exports, $962,000. The imports from January 1 to October 31, 1893, amount to $1,274,000 and the exports to $826,233.

## NAVIGATION.

Vessels arrived in 1892, 105, with a total tonnage of 31,186 tons, and those cleared numbered 103, of 32,014 tons.

Vessels arrived from January 1 to October 31, 1893, 76, of 21,997 tons, and cleared 71, of 20,383 tons.

### TRADE ROUTES AND COMMUNICATION.

The number of colonial routes and cross-roads communicating between certain districts of the country are ten in number, all of which are in a very bad condition except those in the vicinity of the capital. All other communication is by sea or rivers.

### COMMUNES AND CLIMATE.

French Guiana is divided in fourteen communes (or townships), not including the penal-settlement districts.

The reputation of unhealthiness of French Guiana is not all merited.

### GOLD EXPORTS.

The shipments of native rough gold during the year 1892 amounted to 1,475 kilometers, and January 1, 1893, to date (September 30, 1893), 1,200 kilometers.

### CAYENNE HARBOR.

Cayenne harbor affords some shelter to vessels, but, unhappily, bottoms of more than 12 feet draft can not get in. Harbor, pilot, water, and anchorage duties are rather low, and might be estimated, all told, at 24 cents per ton for vessels under 500 tons. The loading and discharging are made by lighters at the average rate of 96 cents to $1.20 for every ton.

A lighterman's pay varies between 96 cents and $1.08 per day.

### GENERAL CONDITION.

From all points of view Cayenne is very poorly off in food stuffs, all the provision plantations being abandoned. Fresh vegetables are very scarce and dear, and the poorer people have a hard time to get along.

LEON WACONGNE,
*Consul.*

CAYENNE, *December 31, 1893.*

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# CONTINENT OF ASIA.

## ADEN.

### GENERAL COMMERCE.

According to the official returns recently published, the total value of the trade of this port for the year ended March 31, 1893, exclusive of Government stores, Government treasure, and cargo manifested for direct transshipment or importation, amounted to $24,526,531, showing an increase of nearly $2,000,000, or say 8 per cent, over that of the previous year.

The trade is nearly equally divided between imports and exports, being about $13,500,000, or 55 per cent, in imports and $11,500,000, or 45 per cent, in exports. With the exception of trade in coals, stores, and animals, the articles handled are practically the same in import and export, which shows that Aden is merely a great center for collecting and distributing goods.

The increase in trade, with the share of the United States therein, is most gratifying. The port continues to be the chief business center of Arabia and East Africa, and year by year shows a steady increase in the quantity of goods handled, improving the facilities for collection and distribution by more regular steam communication with outlying ports, and instituting a more thorough system of registry for native craft.

The demand for coffee in foreign markets has been maintained during the year, and although the quantity imported and exported is about 8,000 hundredweight under the preceding year, the value has increased by about $370,000, or 6 per cent.

The establishment of agents at almost all the ports on the Arabian and African seaboards has resulted in largely increased trade in raw goat and sheep skins, which now equals about $1,960,000, an increase of 25 per cent over the previous year.

In consequence of the disease among cattle which prevailed on the Somali coast in 1890–'91, almost all the cattle died, the result being an almost entire falling off in this once important trade. A few cattle are now purchased in Aden and exported to the Somali coast.

Owing to a large find of ambergris at one of the Aden Gulf ports, the trade in perfumery increased by about $60,000.

A larger find of mother-of-pearl resulted in an increase in trade of about $180,000, or nearly double that of the year previous.

The securing of the monopoly of the purchase of Hadthramout tobaccco from the Makalla chief by the Turkish Regia has resulted in increasing the import of tobacco into Aden by about $82,500. The tobacco trade, taken as a whole, shows the large increase of about $150,000, equal to 25 per cent.

The import of Maria Theresa dollars from Austria (the place of coinage) increased by about $180,000, but on the whole the import of treasure decreased by about $450,000 and exports by about $150,000.

The general trade in cotton piece goods increased by 2,631,745 yards, valued at $161,288, this being entirely in import, the export showing a decrease of 325,707 yards, valued at $27,007. The demand continued and values were well maintained during the year, especially for American gray sheetings, which show an increase in value. The slight falling in quantity and value of piece goods import for the year was entirely in Indian gray sheetings. As the Indian makes are the chief competitors of the American piece goods, the increase in import of the latter to the exclusion of the former is a most satisfactory result.

Below is given tables showing the extent of this trade, which forms a leading feature of Aden trade, amounting in value of export and import to over $2,500,000.

For comparison the tables are given for import and export under three headings, those manufactured in Europe, in India, and in the United States:

*Trade in cotton piece goods at Aden for the year ended March 31, 1893.*

| Make. | Import. | | Export. | |
|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. |
| European: | *Yards.* | | *Yards.* | |
| Gray | 1,086,722 | $43,328 | 420,002 | $31,494 |
| Bleached | 2,638,578 | 115,627 | 1,034,217 | 83,247 |
| Printed or dyed | 2,229,460 | 126,804 | 991,389 | 55,969 |
| Total | 5,954,760 | 285,760 | 3,345,608 | 170,690 |
| Indian: | | | | |
| Gray | 9,958,291 | 419,367 | 8,513,473 | 353,111 |
| Bleached | 42,543 | 3,473 | 9,580 | 627 |
| Printed or dyed | 2,393,983 | 125,001 | 1,227,100 | 61,607 |
| Total | 12,394,817 | 547,841 | 9,750,153 | 415,345 |
| American: | | | | |
| Gray | 12,137,105 | 615,990 | 9,127,844 | 471,096 |
| Bleached | 52,500 | 2,100 | ..... | ..... |
| Printed or dyed | ..... | ..... | ..... | ..... |
| Total | 12,189,605 | 618,090 | 9,127,844 | 471,096 |

RECAPITULATION.

| Imports and Exports. | Quantity. | Value. |
|---|---|---|
| | *Yards.* | |
| Import | 30,539,182 | $1,451,691 |
| Export | 22,223,605 | 1,057,121 |
| Total trade | 52,762,787 | 2,508,812 |

TRADE WITH THE UNITED STATES.

The part taken by the United States in Aden trade during the year is most satisfactory, the total showing an increase of over $360,000, equal to about 14 per cent advance on trade of the year previous, the total value being about $3,000,000, or nearly 12 per cent of the entire trade of the port. The comparative importance of this trade will be better understood by stating that the trade of Aden with the United States is equal to nearly 75 per cent of its total trade with Great Britain and all other European countries combined, or one and one-half times as great as the trade with Great Britain, of which it is a dependency. Of the total value of the

trade with the United States, the imports amount to $670,065 and the exports to $2,282,116.

The following table will show the different classes of goods imported and exported from and to the United States during the year under report, with the value of each:

*Trade of Aden with the United States, by steamer direct or transshipment at European ports.*

IMPORTS.

| Goods. | Quantity. | Value. |
|---|---|---|
| Cotton piece goods: | | |
| Gray ..... yards.. | 11,886,305 | $604,950 |
| Bleached ..... do... | 52,500 | 2,100 |
| Petroleum ..... Imp. gallons.. | 426,306 | 54,324 |
| Carriages ..... value.. | ..... | 1,920 |
| Tobacco ..... pounds.. | 10,068 | 1,757 |
| Timber ..... tons.. | 96 | 2,250 |
| Provisions ..... value.. | ..... | 2,127 |
| Sundry ..... do... | ..... | 637 |
| Total ..... | ..... | 670,065 |

EXPORTS.

| | | |
|---|---|---|
| Goat and sheep skins ..... number.. | 3,009,050 | $883,162 |
| Coffee ..... cwt.. | 57,331 | 1,350,003 |
| Ivory ..... pounds.. | 5,088 | 13,920 |
| Cloves ..... cwt.. | 1,227 | 17,676 |
| Mother-of-pearl shell ..... do... | 402 | 8,277 |
| Feathers ..... pounds.. | 221 | 1,616 |
| Perfumery ..... value.. | ..... | 4,260 |
| Wool (raw) ..... pounds.. | 20,048 | 2,512 |
| Gums ..... cwt.. | 33 | 600 |
| Sundry ..... value.. | ..... | 90 |
| Total ..... | ..... | 2,282,116 |

The facilities afforded for importing direct from the United States have been greatly increased by steamers en route from New York to Chinese ports calling here, enabling merchants to get their goods within thirty days from time of shipment from New York, whereas a few years ago nearly all goods were shipped to Aden via London, taking two and sometimes three months to reach this port. Facilities for exporting are not so good, nearly all goods being sent to the United States via London or continental ports (but on through bill of lading), taking from fifty to eighty days en route.

A combined effort on the part of shippers would, it is thought, result in the establishment of a regular line of steamers from Chinese ports, calling here for cargo and proceeding direct to New York, where the greater part of Aden cargo is destined. These steamers now call here at times, but take no cargo, having filled up at previous ports, the shippers here not being willing to guarantee cargo in advance.

Shippers to the United States have not yet realized that it takes them twice the time to land their cargo in New York as it does the New York shippers to land their cargo in Aden.

The following tables will show the number of steamers that called at Aden from New York and the number that called here bound for New York during the year under report.

It is a matter of much regret that I am unable to record the appearance of any American vessels at this port. Our flag has been seen but once on a merchant vessel in these waters since 1885, that event occurring in 1888.

*Vessels calling at Aden from New York.*

| Nationality. | Class. | Number. | Tonnage. |
|---|---|---|---|
| British ..... | Steam ..... | 19 | 34,681 |
| Do ..... | Sail ..... | 1 | 1,323 |
| German ..... | Steam ..... | 1 | 1,379 |
| Total ..... | ..... | 21 | 37,383 |

*Vessels calling at Aden bound for New York.*

| Nationality. | Class. | No. | Tonnage. |
|---|---|---|---|
| British | Steam | 7 | 11,577 |

IMPORTS AND EXPORTS, 1889-1893.

The following tables regarding the general trade of Aden and its shipping for the year ended March 31, 1893, will show the details and distribution of trade:

*Total value of Aden trade for five years, with average.*

| Year. | Total import. | Total export. | Total trade. |
|---|---|---|---|
| 1888-89 | $10,501,472 | $9,194,890 | $19,696,362 |
| 1889-90 | 11,004,914 | 9,148,995 | 20,153,909 |
| 1890-91 | 10,933,351 | 8,419,494 | 19,352,845 |
| 1891-92 | 12,233,655 | 10,357,870 | 22,591,525 |
| 1892-93 | 13,422,883 | 11,103,648 | 24,526,531 |
| Total average | 11,619,255 | 9,644,979 | 21,264,234 |

*Division of trade for the year ended March 31, 1893.*

| Class. | Import. | Export. |
|---|---|---|
| Foreign | $8,888,755 | $9,852,846 |
| British Indian | 3,564,424 | 694,426 |
| Inland Arabia | 969,704 | 556,376 |
| Total | 13,422,883 | 11,103,648 |

Total trade, $24,526,531.

*Imports and exports by countries, 1893.*

| Countries. | Import. | Export. |
|---|---|---|
| United States | $670,065 | $2,282,116 |
| United Kingdom | 1,277,490 | 659,600 |
| Austria | 410,816 | 330,527 |
| France | 96,048 | 1,213,614 |
| Italy | 36,963 | 76,920 |
| Other countries in Europe | 35,385 | 136,603 |
| Bombay | 2,781,752 | 616,733 |
| Calcutta | 629,679 | 75,569 |
| Other British Indian ports | 152,993 | 2,124 |
| Egypt | 136,768 | 160,665 |
| Arabia, Inland | 969,704 | 556,376 |
| Seacoast | 3,665,918 | 2,657,549 |
| Africa, east coast | 1,962,296 | 2,121,666 |
| Perim Islands | 8,410 | 79,143 |
| Turkey in Asia | 261,488 | 42,002 |
| Persia | 64,790 | 26,514 |
| Mauritius and Mahé | 71,356 | 15,791 |
| Straits Settlement | 98,257 | 28,768 |
| China (Hongkong) | 77,032 | 5,521 |
| Other countries in Asia | 15,545 | 8,076 |
| Australia | 131 | 7,771 |
| Total | 13,422,883 | 11,103,648 |

*Imports by articles, 1893.*

| Articles. | Quantity. | Value. | Whence imported. |
|---|---|---|---|
| Animals (goats, sheep, etc.) ..number.. | 96,492 | $133,233 | Somali and Danakil coasts, Suakin, Massowah, and Red Sea ports. |
| Apparel | ..... | 45,505 | India, United Kingdom, Austria, Muscat, Egypt, Italy. |
| Coals.....tons.. | 121,866 | 803,600 | United Kingdom. |
| Coffee.....cwt.. | 128,705 | 2,699,130 | Red Sea ports of Arabia, 90 per cent; Somali coast, 9 per cent; Arabian Gulf ports, etc. |
| Cotton: | | | |
| Twist.....pounds.. | 1,576,182 | 229,107 | India, 85 per cent; Austria, United Kingdom, Italy, France. |
| Piece goods.....yards.. | 30,539,182 | 1,451,091 | India, 50 per cent; United States, 40 per cent; Great Britain, 10 per cent; Italy, small quantity. |
| Piece goods, sundry..... | ..... | 264,074 | India, 75 per cent; United Kingdom, 17 per cent; Arabia, 7 per cent, etc. |
| Feathers (ostrich).....pounds.. | 5,956 | 41,543 | Somali coast, 75 per cent; Danakil coast, Zanzibar, Arabian Gulf ports. |
| Fruits, dry, and nuts .....cwt.. | 6,359 | 32,535 | India, 80 per cent; Egypt, East coast of Africa, Turkey in Asia, Mahé, etc. |
| Grains and pulse.....do... | 626,791 | 981,296 | India, 90 per cent; Zanzibar, Red Sea ports, Arabia, etc. |
| Gums and resins.....do... | 36,418 | 234,309 | Somali coast, 65 per cent; Arabian Gulf ports, 15 per cent; Massowah, 10 per cent, etc. |
| Ivory .....pounds.. | 28,572 | 58,402 | Danakil coast, 85 per cent; Somali coast, 10 per cent; Massowah, 8 per cent, etc. |
| Liquors, wines, etc.....Imp. gallons.. | 99,794 | 61,944 | United Kingdom, 85 per cent; France and other European countries. |
| Metals, wrought and unwrought..cwt... | 21,984 | 91,026 | India, 70 per cent; United Kingdom, 15 per cent; other European countries. |
| Petroleum .....Imp. gallons.. | 426,306 | 54,324 | United States. |
| Provisions: | | | |
| Oilman stores.... .....cwt.. | 15,159 | 148,648 | India, 25 per cent; United Kingdom, 20 per cent; Somali coast, 20 per cent, etc. |
| Wet dates.....do... | 196,276 | 261,081 | Turkey in Asia, 90 per cent; Bombay, 4 per cent; Arabian Gulf and Red Sea ports, etc. |
| Flour.....do... | 116,461 | 247,855 | Bombay, 98 per cent; Austria, 2 per cent; France, small quantity. |
| Seeds.....do... | 35,391 | 84,639 | Zanzibar, 45 per cent; Bombay, 30 per cent: Red Sea ports, 20 per cent, etc. |
| Shells, mother-of-pearl.....do... | 11,511 | 196,548 | Massowah, 50 per cent; Red Sea and Arabian ports, 30 per cent; Somali and Danakil coasts. |
| Silk: | | | |
| Raw.....pounds.. | 51,939 | 49,924 | Bombay. |
| Piece goods.....yards.. | 204,270 | 63,905 | Bombay, 90 per cent; other Indian ports and Turkish Arabia. |
| Skins, goat and sheep, raw. { number.. / cwt..... | 3,505,409 / 43,796 | 962,365 | Somali coast, 50 per cent; Arabia and Red Sea ports, 40 per cent; Danakil coast, 6 per cent; Suakin, Massowah, and Zanzibar. |
| Spices.....do... | 22,821 | 206,085 | Bombay, 85 per cent; other Indian ports, Straits, and Zanzibar. |
| Sugar .....do... | 75,996 | 299,439 | Bombay, 45 per cent; other Indian ports, 10 per cent; Hongkong, 20 per cent; Mauritius, 15 per cent; Austria and France, small quantities. |
| Tobacco.....pounds.. | 9,343,060 | 499,118 | Bombay, 70 per cent; Arabia and gulf ports, 25 per cent; other Asian countries and United States. |
| Treasure ..... | ..... | 1,225,572 | Austria, 25 per cent; Massowah, 20 per cent; Bombay, 15 per cent; Arabia and East coast of Africa, 30 per cent, etc. |

*Exports by articles, 1893.*

| Articles. | Quantity. | Value. | Whither exported. |
|---|---|---|---|
| Coffee.....owt.. | 148,294 | $3,315,897 | United States, 40 per cent; France, 33 per cent; Austria, 5 per cent; England, 11 per cent; other countries in Europe, 5 per cent; Arabian Gulf ports, 5 per cent. |
| Cotton: | | | |
| Twist.....pounds.. | 875,996 | 143,626 | Red Sea and Arabian Gulf ports, 80 per cent; Somali and Danakil coasts, 17 per cent; Massowah, etc. |
| Piece goods.....yards.. | 22,223,605 | 1,057,121 | Red Sea and Arabian Gulf ports, 55 per cent; Somali and Danakil coasts, 30 per cent; Massowah, 3 per cent; Zanzibar, 9 per cent; Turkey in Asia, Persia, etc. |
| Piece goods, sundry..... | ..... | 161,533 | Red Sea and Arabian Gulf ports, 60 per cent; Somali and Danakil coasts, 25 per cent; Massowah and Suakin, 15 per cent. |
| Feathers, ostrich.....pounds.. | 2,776 | 16,381 | England, 67 per cent: Austria, 10 per cent; United States, 8 per cent; Egypt, 8 per cent; Arabia, 5 per cent; Massowah. |
| Grain and pulse.....owt.. | 477,593 | 757,738 | Somali and Danakil coasts, 75 per cent; Red Sea and Arabian ports, 22 per cent; Massowah, 4 per cent. |
| Gums and resins.....do... | 89,004 | 296,174 | Austria, 25 per cent; France, 15 per cent; Egypt, 15 per cent; Bombay, 15 per cent; England, 12 per cent; Europe, 2 per cent; Arabia, 10 per cent. |
| Ivory.....pounds.. | 54,368 | 92,399 | Bombay, 70 per cent; England, 15 per cent; United States, 10 per cent; France, 5 per cent. |
| Metals, wrought and unwrought.owt.. | 9,784 | 39,476 | Somali and Danakil coasts, Red Sea ports, and Arabia. |
| Provisions: | | | |
| Oilman stores.....do... | 11,358 | 93,148 | Do. |
| Wet dates.....do... | 199,888 | 264,009 | Somali coast, 65 per cent; Red Sea ports, 20 per cent; Danakil coast, 5 per cent; Massowah, Arabian Gulf. |
| Flour.....do... | 60,067 | 124,474 | Red Sea ports, 65 per cent; Somali coast, 10 per cent; Danakil coast, 7 per cent; Massowah, 7 per cent; Arabia, 5per cent. |
| Salt.....do... | 800,954 | 76,702 | India, 95 per cent; Mauritius, 2 per cent; and Arabia. |
| Seeds.....do... | 8,306 | 20,683 | Arabian Gulf ports, 60 per cent; Red Sea ports, 20 per cent; Persia, Straits, Somali coast, and Massowah. |
| Shells, mother-of-pearl.....do... | 10,525 | 193,437 | Austria, 50 per cent; England, 35 per cent; Bombay, 10 per cent; United States, 4 per cent; France and Straits. |
| Silk: | | | |
| Raw.....pounds.. | 25,605 | 23,541 | Red Sea ports, 90 per cent; Massowah, 3 per cent; Somali coast, 3 per cent; Danakil coast, etc. |
| Piece goods.....yards.. | 94,325 | 27,327 | Red Sea ports, 90 per cent; Massowah, 7 per cent; Somali coast, 1 per cent; Danakil coast, 1 per cent, etc. |
| Skins, goat and sheep, raw. { number.. / cwt..... } | 3,503,615 / 41,988 | 996,624 | United States, 90 per cent; England, 6 per cent; Europe, 4 per cent; Bombay, small quantity. |
| Spices.....owt.. | 19,564 | 122,460 | Red Sea ports, 65 per cent; Arabian Gulf, 12 per cent; United States, 6 per cent; Massowah, 6 per cent; Danakil coast, Somali coast, etc. |
| Sugar.....do... | 52,056 | 215,031 | Red Sea ports, 85 per cent; Arabian Gulf ports, 6 per cent; Somali coast, 5 per cent, etc. |
| Tobacco.....pounds.. | 5,109,283 | 295,291 | Red Sea ports, 20 per cent; Danakil coast, 60 per cent; Massowah, 5 per cent; Somali coast, 3 per cent; Persia, etc. |
| Treasure..... | ..... | 1,553,678 | Red Sea ports and Arabian Gulf ports, 43 per cent; Massowah, 12 per cent; Somali coast, 6 per cent; Zanzibar, 4 per cent; Bombay, 25 per cent. |

*Statement of vessels entered and cleared.*

| Vessel. | Entered. | | Cleared. | |
|---|---|---|---|---|
| | Number. | Tonnage. | Number. | Tonnage. |
| Steam | 1359 | 2,212,476 | 1360 | 2,213,887 |
| Sailing | 3 | 2,463 | 3 | 2,463 |
| Country craft | 1338 | 48,027 | 1344 | 49,873 |
| Total | 2700 | 2,263,566 | 2707 | 2,266,223 |

*Nationality of vessels entered, excluding country craft.*

| Flag. | Number. | Flag. | Number. |
|---|---|---|---|
| British | 783 | Norwegian | 14 |
| British, Indian | 111 | Portuguese | 21 |
| Austrian | 51 | Russian | 3 |
| Belgian | 1 | Spanish | 26 |
| French | 120 | Turkish and Egyptian | 27 |
| Dutch | 35 | Arab | 5 |
| German | 92 | | |
| Italian | 73 | Total | 1,362 |

ADEN, *December 30, 1893.*

DWIGHT MOORE,
*Consul.*

# CHINA.

***Value of declared exports from the consular district of Foochow to the United States during the year ending December 31, 1893.***

| Articles. | Quarter ending— | | | | Total. |
|---|---|---|---|---|---|
| | Jan. 31, 1893. | Mar. 31, 1893. | June 30, 1893. | Sept. 30, 1893. | |
| Teas | $335,335.86 | $411,060.65 | $3,376.50 | $75,060.35 | $824,883.36 |
| Personal goods | | | 165.27 | | 165.27 |
| Curios | 41.28 | 45.50 | | | 86.78 |
| Total | 335,377.14 | 411,126.15 | 3,541.77 | 75,060.35 | 825,135.41 |

SAMUEL L. GRACEY,
*Consul.*

# JAPAN.

*Value of declared exports during the year ending December 31, 1893.*

| Articles. | Values. | Articles. | Values. |
|---|---|---|---|
| KANAGAWA. | | Skins | $481.65 |
| | | Straw braid | 87,950.34 |
| Coal | $2,886.52 | Sulphur | 133,480.23 |
| Cotton goods | 3,693.40 | Tea | 3,532,224.71 |
| Curios | 591,503.89 | | |
| Fish | 825.96 | Total | 15,002,604,87 |
| Fish oil | 36,844.58 | | |
| Manganese | 53,874.92 | NAGASAKI. | |
| Menthal | 3,221.76 | | |
| Miscellaneous | 7,448.46 | Coal | 33,527.21 |
| Mushrooms | 9,099.43 | Curios | 109.00 |
| Oranges | 1,784.97 | Porcelain | 102.04 |
| Paper goods | 62,995.38 | Rice | 61,288.70 |
| Petroleum | 504.52 | Skins | 740.00 |
| Plants | 15,737.23 | Tea | 11,876.12 |
| Seed oil | 2,178.45 | | |
| Silk goods | 2,924,309.56 | Total | 107,643.10 |
| Silk, raw | 7,531,558.91 | | |

# SUMATRA.

## GENERAL CONDITIONS.

Business during the year 1893 has been very unsatisfactory in the import and export trade alike. The continual decline of nearly all Padang produce on the European markets has resulted in heavy losses to exporters, and people have become very cautious in buying native produce. Owing to this circumstance, the money brought into circulation in better times through the large purchases of native produce, and which was distributed amongst the native and Chinese population of the island, being curtailed, had a very depressing influence upon import trade in cottons and shirtings. As a consequence the imports of these goods were less than 50 per cent of their former amounts. The expectations for an increase in business towards the end of the year 1893 were not realized. The markets in the interior are neglected, notwithstanding the prospects for the rice crop are pretty good, and our dealers here are heavily complaining of the decreased retail sales. Business was never before as depressed as during the year 1893. In July a large conflagration destroyed the stock and warehouses of four of the principal import dealers of Padang, the losses amounting to $320,000. The financial status of native and Chinese importers of every description is not satisfactory, and is becoming less so; year after year complicates the commercial situation. Another unfortunate circumstance in connection with the prosperity of the colony is that every year a large number of natives belonging to the Mohammedan confession start on the pilgrimage to Mecca, as prescribed by the Koran. These people generally carry amounts of at least $200 in gold or silver specie each, which they expend during the time of their ritual education, and return in a deplorably poor condition, so that many of them are reduced to beggary. The amount spent for passage goes to the Straits' shipping, for Singapore is the harbor whence all the Mecca steamers are dispatched.

## PETROLEUM.

The imports from the United States to Sumatra consist only of petroleum. The retail prices for first quality refined kerosene oil ruled from 4.50 francs in the beginning to 3 francs toward the end of the year. This depreciation of prices was caused by the competition of Russian and Langkat oils, the latter in quality being nearly equal to the best American oil. The amount of arrivals from the United States has shown no noteworthy decrease.

## SUMATRA COAL.

The railway to the Ombilien coal fields was finished in 1893, and some trial shipments of coal to the war ports of Java have been made for the use of the Netherlands India navy. The quality, however, is not considered equal to Cardiff coal, as

in stoking with Ombilien coal nearly double the quantity of material is required to produce the same amount of steam. Notwithstanding that the prices are far cheaper than the Cardiff coal, shipowners consider its use unprofitable. The government is still busy in building a large establishment for coal storing and shipping at the new Padang harbor (Emmahaven), which is connected with the city by rail.

EXPORTS TO THE UNITED STATES.

Coffee grown on private estates, as well as government coffee, is nearly all shipped to the United States, whilst a trifling part is shipped to Holland and Australia. Prices of coffee have been firm nearly all the year, but the crop was a small one. The prospects for the next year's crop are a little better. The purchases of the government during the year amounted to 7,815,240 pounds of first quality and 201,596 pounds of second quality.

In black pepper there was very little done, the demands of producers being too high, and the quality even inferior to that of Lampang (South Sumatra) pepper, obtainable at cheaper rates. The whole arrival may have been 95,200 pounds.

Of nutmegs and mace the United States received the usual supply.

Rattans were also shipped to the United States, principally unwashed rattans, as far as they are suitable to the average American reed manufacturer, and partly shipped as dunnage, freights being for this very bulky article extremely high. I had some applications for rattans from American chair manufactories and gave them the desired information, and it is to be hoped that the coming year will show a livelier trade in this product.

There has not been any great arrival of hides this year, as owners preferred to have them sold at Singapore at more advantageous rates than buyers here could afford to give. The whole trade here in hides amounted to about 163,200 pounds, prices fluctuating from 18 to 25 francs per picul (136 pounds).

Arrivals and demand for cassia have been satisfactorily good during the year, and the United States have taken their usual quantity. The prices fluctuated during the year round from 10 to 18 francs per picul (136 pounds). To the heavy rainfall during the last months of the year may be attributed the small trade, by interfering with the forwarding of goods. Although a little inconvenient in this connection, the rains are said to do much good to the coffee and a better crop is expected. It is to be hoped that the coming year will be a more prosperous one than the year just closed.

C. BOON,
*Vice-Consul.*

PADANG, *December 31, 1893.*

# FINANCES OF ITALY.

Italy has been suffering for a number of years from a long and complicated economic and financial crisis, with which its statesmen have contended in vain. It is not one of the usual acute crises that sweep by like a hurricane, brushing aside undertakings that cannot succeed because they rest on faulty and unhealthy speculations; but this is a chronic crisis, in which the very sources of production are contaminated, thereby shaking and upsetting the whole economic and financial fabric.

Its effects are to be observed from three orders of facts: (1) The state of the finances; (2) the depreciation of values and the destruction of public and private credit; (3) the disastrous course of business generally, noticeable in the falling off of foreign trade and in the many financial catastrophes of the past season, among which is the suspension of the Credito Mobiliare, heretofore the strongest institution of credit of this country.

A smaller return from certain taxes indicates a curtailing of popular consumption, which fact, in connection with a steady increase in emigration, would indicate a general impoverishment of the nation.

It would not, however, be safe to make this assertion, because other facts, such as the increased deposits in the savings banks, the development noticeable in certain branches of industry—for instance, in cotton manufacture, and in important improvements in agriculture, the reclaiming of waste lands, and the more extended use of improved agricultural machinery—would seem to indicate the reverse.

From its birth as a nation and up to within the last ten years, Italy has rejoiced in a steady, orderly, and well-measured progress that has added much to its fair name. Notwithstanding the heavy expenses required for its political reorganization, Italy had succeeded in systematizing its finances, and had taken rank not only politically but economically among the Great Powers.

Public credit had become so firmly established that Italian bonds had reached par in 1884.

The Milan exposition of 1881 showed that industrial enterprise had made a marked advance; international trade was becoming annually larger. In fact everything tended to show that the country was on the road to continued and indefinite progress.

In 1881 Parliament abrogated the forced currency act, which had been passed in 1866 to meet the necessities of the war against Austria.

The return to specie payment, begun in April, 1883, was to crown the political and economic reordination of the state.

Everything worked smoothly for a few years; then mistakes began to be made. The slow and careful work that had gone on up to 1881 could now be said to be completely undone.

The mistakes of men neither sufficiently prudent nor farseeing, and unfavorable events, contributed to this condition of things. Agriculture, the country's principal resource, began to decline, particularly about the year 1880, on account of American competition, which, in the course of three years, caused breadstuffs to fall off 30 per cent in value. In the old countries of Europe this falling off in prices is exceedingly ruinous to the class affected thereby on account of its indebtedness. In Italy the mortgage indebtedness on farms is, and was ten years ago, very burdensome. While the agriculturists' returns in money were diminishing, the interest on his indebtedness remained unchanged. This upsetting of the equilibrium was detrimental to the farmers and particularly disastrous to all improvements of the land.

The fall in breadstuffs in Italy, coinciding with the ravages of the phylloxera in France, brought about a violent and sudden transformation of wheat lands into vineyards in Italy, Sicily, and Puglia, and we may say the whole of Southern Italy became one immense vineyard. The production of wine rose to 36,000,000 of hectoliters, (1 hectoliter = 26¼ gallons). The principal outlet for the *vini da taglio*, or blending wines of Southern Italy, was to France. The rupture of commercial relations with France, which occurred in 1888, was a serious blow to all Italian exports, and more particularly to wine. Of a total exportation in 1887 of 3,582,104 hectoliters, valued at 107,000,000 francs, * not less than 2,782,707 hectoliters were shipped to France. In 1890 the exportation of wine to that country had dropped to 19,583 hectoliters, the total exportation being only 904,327 hectoliters, valued at 34,000,000.

Commercial hostility, brought about by political distrust, was followed by the hostility of French capital.

* The unit of value used throughout this report is the lire or franc=19.3 cents.

During the struggle for political regeneration, and long afterwards, French finance had always shown itself liberal towards Italy, either in loans to the Government or in advance to important industrial or commercial enterprises.

Italy had the momentary weakness to emancipate herself from the French banks. It will be remembered that it was upon this occasion that the loan for the abolition of forced currency was negotiated with the Barings, whereas prior important financial operations had almost invariably been made through French bankers, more especially through the Rothschilds. The withdrawal of French capital has injured the credit and the economic activity of Italy.

German capital has taken its place to a certain extent, but experience has shown that German capital is very much less abundant and less bold than the French, and besides the economic and financial tendencies of Italy have not been such as to encourage, for the last few years, the coming in of foreign capital. But the prime cause of the present disordered financial condition is more serious and must be attributed to the excessive expenses of the Government, of the provinces, and of the communes (particularly for military purposes and for public works, all of which have not proven productive), to the abuse of credit, and, lastly, to excessive speculation.

According to the general annual final accounts of the administration of the finances approved by Parliament, the receipts and expenditures of the Government have been, for the last ten years, as follows:

| | Effective receipts and expenditures. | Movement of capital. | Railroad building. |
|---|---|---|---|
| 1883: | *Francs.* | *Francs.* | *Francs.* |
| Receipts | 1,334,897,983 | 47,222,642 | 86,936,114 |
| Expenditures | 1,333,948,210 | 48,065,944 | 86,936,114 |
| Surplus or deficit | +949,773 | —843,302 | ..... |
| First semester receipts | 658,021,595 | 14,993,185 | 46,883,564 |
| 1884, expenditures | 666,793,095 | 11,718,216 | 46,883,564 |
| Surplus or deficit | —8,771,500 | +3,274,969 | ..... |
| 1884, receipts | 1,413,447,383 | 130,116,663 | 72,773,651 |
| 1885, expenditures | 1,409,688,828 | 98,539,687 | 72,773,651 |
| Surplus or deficit | +3,758,555 | +31,576,976 | ..... |
| 1885, receipts | 1,409,097,018 | 72,851,161 | 170,048,041 |
| 1886, expenditures | 1,432,605,787 | 34,424,215 | 170,048,041 |
| Surplus or deficit | —23,508,769 | +38,426,346 | ..... |
| 1886, receipts | 1,453,482,748 | 58,211,362 | 196,239,318 |
| 1887, expenditures | 1,461,490,672 | 38,431,484 | 196,239,318 |
| Surplus or deficit | —8,007,924 | +19,779,878 | ..... |
| 1887, receipts | 1,499,926,297 | 49,206,942 | 297,879,386 |
| 1888, expenditures | 1,572,855,138 | 33,429,222 | 297,879,386 |
| Surplus or deficit | —72,928,841 | +15,777,720 | ..... |
| 1888, receipts | 1,560,843,749 | 37,581,078 | 235,784,102 |
| 1889, expenditures | 1,735,212,458 | 33,673,455 | 235,784,102 |
| Surplus or deficit | —234,368,709 | +3,907,623 | ..... |
| 1889, receipts | 1,562,587,678 | 136,472,205 | 139,041,847 |
| 1890, expenditures | 1,637,003,199 | 38,522,581 | 139,041,874 |
| Surplus or deficit | —74,415,521 | +97,949,624 | ..... |
| 1890, receipts | 1,540,001,590 | 162,117,750 | 118,595,252 |
| 1891, expenditures | 1,615,041,090 | 41,346,780 | 118,595,252 |
| Surplus or deficit | —75,039,500 | +120,770,970 | ..... |
| 1891, receipts | 1,531,092,725 | 33,250,769 | 83,328,118 |
| 1892, expenditures | 1,568,966,561 | 43,515,738 | 83,328,118 |
| Surplus or deficit | —37,873,836 | —10,264,969 | ..... |
| 1892, receipts | 1,550,609,654 | 111,180,154 | 30,034,820 |
| 1893, expenditures | 1,563,885,520 | 88,560,522 | 30,034,820 |
| Surplus or deficit | —13,275,866 | +22,619,632 | ..... |

It was in the year 1888–'89 that the expenditures reached their highest point, and that the greatest difference between the receipts and the expenditures occurred. The alarm was so great that a more thoughtful policy was initiated. In the following years many retrenchments were made, more particularly in the military estimates. Unfortunately that very year there occurred a falling off in the octroi receipts, and there was also a smaller return from the principal sources of revenue, which made not only the economy practiced, but even the by no means light increase in taxation, insufficient.

The Italian balance sheet is divided in four parts: (1) Effective (*i. e.*, real) receipts and expenditures; (2) movement of capital; (3) construction of railways; (4) partite di giro. The partite di giro do not affect the final results of the balance sheet, because in them are inserted sums that on the one hand have been received and on the other hand have been spent by the state. To this category belongs, for example, the rent charged to each ministry for its offices in buildings owned by the state, so that in the general budget this item appears on the one hand as a charge against the state and on the other among the receipts, as a credit of the state. Similarly the general fund is both debited and credited with the interest on the national bonds and obligations which have remained in or have returned to the Treasury.

The effective receipts and expenditures constitute the very essence of the balance sheet. In it are inserted all the receipts and all the expenditures that do not appear in the category of railway construction and movement of capital. In the railway construction category, the amount paid out to build railways figures as a liability; the sum which the Government is authorized to obtain by loans to meet that outlay figures as assets. The reason why expenditures for railroads are inserted in an appropriate category which contains the expenditures on one side and the corresponding receipts furnished by credit on the other is that railroads being productive property should be considered as an investment of interest-bearing capital. This would be admissible if the railroads really gave a return.

But the railroads built by the State, and particularly those built of late years, which are all branch lines, give no return, and in many cases are operated at a loss. The State must pay the interest on the debt contracted to build the roads, and as the latter do not earn this interest the State has to raise it by taxation.

As to the extraordinary expenditures, the ministry of the treasury, in addition to the statement of effective expenses, makes also a statement known as "movement of the capital" (i. e., the change in the value of the property and funds of the State—extinction of debt; accession of debt).

It should be noted that for a number of years many millions of expenditure did not figure in the balance sheet. I allude to the civil and military pensions, in which connection every ministry has shown its ability in resorting to financial expedients.

*First operation.*—In 1881 a cassa for civil and military pensions was created. To it was given a distinct existence, and it was charged with paying the Government pensions, thus relieving the ordinary balance sheet. To pay the pensions that figure on the roll up to December 31, 1881 (lire 64,195,637), 5 per cent consolidated rentes to the amount of lire 27,153,240 were turned over to it, which rentes were to be sold according to the annual demands upon it. It was established that for all pensions to be liquidated after January 31, 1882, the treasury was to turn over to the cassa eighteen millions a year. This sum seemed sufficient to constitute a capital that would correspond to the amount of new life annuities. Upon further estimates, however, the annual amount to be turned over to the cassa was raised to 24,000,000 in 1887, and subsequently to 25,000,000.

While, therefore, the cassa was being charged with 64,195,637 francs of old pensions and the liability side of the Government balance sheet was being freed of a like sum, the balance sheet was being charged with the interest on the 27,153,240 francs of consolidated rentes turned over to the cassa pension, and with an annual burden, first, of 18,000,000, then of 24,000,000, and lastly of 25,000,000, for the pensions that should be registered from and after January 8, 1882.

*Second operation.*—The law of April 7, 1889, abolished the cassa pensioni on July 1, 1889. The pensions then became a charge on the ordinary balance sheet. The rentes that the cassa pensioni had not been obliged to alienate to meet the old pensions (of the 27,153,240 francs received in 1881, 16,344,346 francs remained) and all assets that it had accummulated passed into the treasury, which withheld 3,800,000 francs of rentes and deposited them with the cassa depositi and prestiti (cassa of deposits and loans) as an addition to the guaranty fund of Government bills, which, under Article II of the law of April 7, 1881, it used to consolidate a part of its debt. The treasury thus obtained the disposal of 12,544,345 francs of 5 per cent rentes of a capital value of about 250,000,000 of francs, and of other assets amounting to about 2,000,000.

*Third operation.*—The law of June 15, 1893, decreed that the cassa depositi and prestiti (an institution subject to Government control, but autonomous, which receives deposits of various kinds and is particularly charged with the management of the funds collected by the postal savings banks) should advance to the treasury,

beginning with the year 1892–'93, the funds necessary to extinguish all pensions registered prior to July 1, 1893, advancing the sum of 72,111,143 the first year, a sum naturally destined to diminish annually by the gradual elimination of pensioners by death. It is estimated that it will require 40,986,000 francs a year for thirty years to reimburse the amount advanced, with interest added, by the cassa depositi and prestiti, and this is the very sum that the treasury owes the cassa depositi and prestiti. The object of this operation, as is seen, is to relieve for the first few years the balance sheet from the pensions by requiring the cassa depositi and prestiti to advance a portion of the requisite funds, the cassa to be reimbursed later on. Mr. Luzzati, when minister of the treasury, in order to get a clear and truthful idea of the financial condition, recomposed the balance sheet from 1875 to 1890–'91, including in the effective expenditures the expenditures for the building of railways and all pensions, and obtained the following figures, to which are added the figures for 1891–'92 and 1892–'93:

| Years. | Receipts. | | Expenses. | | Loss. | Surplus. |
|---|---|---|---|---|---|---|
| | Effective. | Derived from sale of patrimonial property and credits and loans.* | Effective, including cost of railroad construction and pensions not included in balance sheet. | Investments, not including the railroads and the extinction of debt. | Between effective receipts and expenditures. | From loans and sales of patrimonial property over the extinction of debt and other investments. |
| 1875 | 1,098 | 183 | 1,131 | 128 | — 33 | + 55 |
| 1876 | 1.124 | 189 | 1,151 | 169 | — 27 | + 20 |
| 1877 | 1,191 | 134 | 1.214 | 100 | — 23 | + 34 |
| 1878 | 1,192 | 138 | 1,236 | 82 | — 44 | + 56 |
| 1879 | 1,228 | 131 | 1.238 | 79 | — 10 | + 52 |
| 1880 | 1.229 | 118 | 1,264 | 64 | — 35 | + 54 |
| 1881 | 1,300 | 158 | 1,328 | 73 | — 28 | + 78 |
| 1882 | 1,319 | 177 | 1,419 | 68 | —100 | +109 |
| 1883 | 1,349 | 140 | 1,441 | 48 | — 92 | + 92 |
| 1884, first semestre | 663 | 67 | 724 | 12 | — 61 | + 55 |
| 1884–'85 | 1,421 | 215 | 1,502 | 99 | — 81 | +116 |
| 1885–'86 | 1,412 | 260 | 1,623 | 34 | —211 | +226 |
| 1886–'87 | 1,455 | 268 | 1,673 | 38 | —218 | +230 |
| 1887–'88 | 1,501 | 360 | 1,885 | 33 | —384 | +327 |
| 1888–'89 | 1,502 | 288 | 1,987 | 33 | —485 | +255 |
| 1889–'90 | 1,563 | 283 | 1,785 | 38 | —222 | +245 |
| 1890–'91 | 1,541 | 291 | 1,745 | 41 | —204 | +250 |
| 1891–'92 | 1,531 | 121 | 1,656 | 44 | —125 | + 77 |
| 1892–'93 | 1,551 | 100 | 1,594 | 48 | — 43 | + 52 |
| Total | 25,170 | 3,614 | 27,596 | 1,231 | —2,426 | +2,383 |

These figures represent millions of francs.
*The total of this column is 3,621, or 7 millions more than the total given by the Consul General.

These figures disclose the financial history of Italy for nearly twenty years.

From 1875 to 1892–'93 the ordinary and extraordinary receipts reached the sum of 25,170,000,000 francs. Including the amount expended in railroad building, the effective expenses were 27,596,000,000, or 2,426,000,000 more than the receipts. On the other hand, property was sold, credits collected, and loans made to the amount of 3,614,000,000, debts were canceled and other investments made to the amount of 1,231,000,000. Out of the 3,614,000,000 which figure in the amount as proceeds from sales, money received, and loans made, loans naturally predominate. These, however, are not all the debts incurred by the state. Neither the debts incurred for the redemption of the railways nor the loans for the abolition of the forced currency are included in this showing.

On the other hand, the greater portion of the 1,231,000,000 stated to have been used in the extinguishment of debts and in reinvestments has been used in the extinguishment of debts.

All of the expenditures for railroad construction are included in the effective expenditures, which is, perhaps, not quite fair. In the effective expenditures are also included all the expenditures on account of public works, such as river and harbor improvements, etc., which have reached several hundreds of millions from 1875 to date, and have not all proved unproductive.

Without discussing the origin of the public debt, we will now simply state what the debt of Italy is, as shown by the general statement of the patrimony of the state.

The public debt is divided into three parts: (1) consolidated debt; (2) redeemable debt; (3) floating debt.

On June 30, 1892 (date of latest official figures), the debt of the state was as follows:

| | Interest or premium. | Nominal capital. |
|---|---|---|
| | *Lire.* | *Lire.* |
| Consolidated debts— | | |
| 5 per cent | 448,380,281 | 8,967,605,627 |
| 3 per cent | 7,127,519 | 237,571,969 |
| Redeemable debts | 118,859,570 | 560,130,037 |
| Total | 574,367,370 | * 12,765,307,633 |
| Floating debt | 11,408,794 | 317,531,513 |
| Long term treasury bonds | 2,591,667 | 4,999,000 |
| Government bills | | 334,072,905 |
| Total | 588,367,812 | 13,466,962,052 |
| From which deduct bonds, property of the state or issued for account and to the debit of other administrations | 25,680,853 | 635,040,350 |
| Effective debt of the state | 562,686,959 | 12,831,861,702 |

Bonds deposited in the cassa depositi and prestiti are included as guaranty for Government bills; other amounts of less importance also figure.

* As given by the Consul General.

On December 31, 1880, the consolidated debt was 8,063,000,000, nominal capital, and 401,000,000 interest; the redeemable debt was 2,068,000,000 capital and 78,000,000 interest.

At that date, however, the state still owned titles of the nominal value of 1,481,000,000, bearing 56,000,000 interest, which did not constitute an effective charge to the general account.

The construction of railways on credit and the deficits in the balance sheet helped to accumulate this large debt. Increased expenditures, military expenditures more particularly, destroyed the balance between receipts and expenditures.

| | Military expenses. | | | | |
|---|---|---|---|---|---|
| | Army. | | Navy. | | Total. |
| | Ordinary. | Extraordinary. | Ordinary. | Extraordinary. | |
| | *Lire.* | *Lire.* | *Lire.* | *Lire.* | *Lire.* |
| 1871 | 141,400,000 | 8,000,000 | 22,000,000 | 3,600,000 | 175,000,000 |
| 1880 | 190,400,000 | 20,000,000 | 40,100,000 | 3,200,000 | 253,700,000 |
| 1883 | 197,800,000 | 58,000,000 | 55,300,000 | 5,500,000 | 316,600,000 |
| 1884 first semestre | 106,400,000 | 11,600,000 | 25,600,000 | 2,900,000 | 146,500,000 |
| 1884–'85 | 205,200,000 | 44,700,000 | 52,900,000 | 21,200,000 | 324,000,000 |
| 1885–'86 | 208,200,000 | 40,800,000 | 62,000,000 | 17,800,000 | 328,800,000 |
| 1886–'87 | 216,300,000 | 48,000,000 | 68,800,000 | 20,000,000 | 353,100,000 |
| 1887–'88 | 240,000,000 | 76,400,000 | 83,500,000 | 24,000,000 | 423,900,000 |
| 1888–'89 | 249,000,000 | 153,300,000 | 87,700,000 | 63,000,000 | 553,000,000 |
| 1889–'90 | 257,000,000 | 47,600,000 | 102,500,000 | 14,600,000 | 421,000,000 |
| 1890–'91 | 253,000,000 | 34,500,000 | 95,400,000 | 10,100,000 | 393,000,000 |
| 1891–'92 | 242,000,000 | 18,600,000 | 91,400,000 | 6,000,000 | 358,000,000 |
| 1892–'93 | 235,100,000 | 14,200,000 | 97,900,000 | 3,800,000 | 351,000,000 |

The law of April 7, 1881, abolished the forced currency that had been established in 1866 at the breaking out of the war against Austria. The six banks of issue, united in a syndicate, furnished to the state 940,000,000 of bills, which, with the bills of the banks themselves, enjoyed the privilege of forced currency. The law of 1881 decreed the dissolution of the syndicate and the passing to the direct debit of the state the 940,000,000 issued for its account. The Government succeeded in making a loan of 644,000,000 of which 44,000,000 in gold went to pay a debt due to the national bank and 600,000,000 went to the withdrawal of syndicate bills. The 300,000,000 of remaining bills were left in circulation, of the denomination of 5 and 10 francs, and known as Government bills.

During the period of forced currency the metallic currency had disappeared. The immobilized reserves of the banks of issue had remained intact. It was also presumed that certain amounts lay treasured up in the country; the operations connected with the loan proceeded expeditiously.

On April 12, 1883, the day on which the wickets were opened for the paying out of specie, the State had 600 effective millions derived from the loan just made, 128,000,000 treasury funds, about 320,000,000 of specie were lying in the vaults of the banks of issue, and 130,000,000 were thought to be in the hands of private parties.

At the mere announcement of the passage of the act abolishing the forced currency the agio of exchange had fallen rapidly; it now disappeared completely. Italian

credit, public as well as private, became enhanced in a remarkable manner. This was justifiable, because at that time the finances were in good condition, and Italy exhibited every element of prosperity.

Industrial and commercial activity received a great impetus. The State took the lead, increasing and developing public works, and decided to play a more important role in international politics; hence the increased military expenditures. The communes followed suit by undertaking vast improvements in buildings. Lastly, individuals threw themselves into speculations of all kinds. It is important to note that State, communes, and individuals resorted largely to foreign credit, and that the abundance of foreign capital for the previous ten years fell in with the growing demands of Italy.

All went well as long as the speculative movement was on the rise. The building craze took possession of speculators. It is estimated that in Rome alone private parties expended 500,000,000 in the purchase of land and in the construction of houses without counting a loan made by the commune of 150,000,000, which were spent in building improvements, and without counting the tens of millions spent by the State in works either of mere luxury, or of luxury and hygiene combined.

The building craze in Rome, which centered around four great companies, was the greatest episode of inflation that was produced in Italy. It began slowly, but increased rapidly from 1885. But it was not the only episode. Inflation occurred in nearly every branch of trade and industry, and by reflex action, as was natural on exchange where the majority of stocks reached enormous figures. In a few years the operations (discounts and loans) of the banks of issue increased threefold. The quantity of their bills kept pace with this increase.

The law of 1874 on the banks fixed the normal limit of the circulation at three times the paid-up capital or patrimony owned by the six banks of issue. As the capital could not be increased at pleasure, and was altogether of 251,750,000, so the circulation had a maximum fixed limit of 755,250,000.

Banca Nazionale—nominal capital, 200,000,000; paid up, 150,000,000. Banca Nazionale Toscana—nominal capital, 30,000,000; paid up, 21,000,000. Banca Toscana di Credito—nominal capital, 10,000,000; paid up, 5,000,000. Banca Romana—nominal capital, 15,000,000, all paid up. Banco di Napoli—patrimony used in triple circulation, 48,750,000, all paid up. Banca di Sicilia—patrimony used in triple circulation, 12,000,000, all paid up.

On the other hand, it had been established that the debt of the banks of issue represented by checks payable on demand, drafts, certificates of deposit, etc., or by running accounts current, should be guaranteed by specie equal to at least one-third of the debt itself.

In 1883, to the derogation of this disposition, it was established that the normal circulation should no longer be computed as within the limits fixed by the law of 1874, so the banks were permitted to exceed the 755,250,000 on condition of holding, to meet the excess, an equivalent sum in coin—two-thirds in gold, one-third in silver.

The excitement of the day induced the banks of issue to exceed the limits fixed by law. The emission in excess of the 755,250,000 which was not covered by a corresponding reserve, and hence illegal, dates back to the last months of 1885. It was 202,000,000 at the end of 1887, 270,000,000 at the end 1890, and 263,000,000 on June 30, 1891.

In the meantime importations increased, while exportations showed a tendency to decrease, the excess of the former over the latter becoming even larger. Exchange, which had remained favorable to Italy up to the close of 1884, was now against her. The coin that the treasury put in circulation on exchange for its bills was hurried to foreign countries to pay the balance due in excess of imports and to meet the ever-increasing interest as it became payable. The following table shows the truth of these statements:

[In millions.]

| Year. | Discounts and advances made by the banks of issue. | Bills in circulation— | | Metallic reserve, gold and silver— | | Exchange on Paris. | | Excess of importation in international commerce. | Excess of importation + exportation of gold and silver. |
|---|---|---|---|---|---|---|---|---|---|
| | | Of banks. | Of the State. | Of banks. | Of the treasury. | Maximum. | Minimum. | | |
| 1883 | 2,519 | 794 | 718 | 320 | 727 | 101¼ | 99¹ | 104 | +76 |
| 1884 | 2,547 | 899 | 611 | 371 | 389 | 100 2/16 | 100— | 248 | —18 |
| 1885 | 3,688 | 948 | 493 | 337 | 287 | 101 | 100⅜ | 509 | —123 |
| 1886 | 4,427 | 1,061 | 446 | 345 | 291 | 100 4/16 | 100⅛ | 430 | —89 |
| 1887 | 5,181 | 1,076 | 395 | 379 | 261 | 101⅛ | 100⅛ | 603 | —75 |
| 1888 | 4,736 | 1,074 | 346 | 435 | 170 | 102⅛ | 101— | 282 | —37 |
| 1889 | 4,671 | 1,114 | 344 | 438 | 160 | 102⅛ | 100 7/16 | 440 | —23 |
| 1890 | 4,343 | 1,126 | 342 | 409 | 157 | 101 9/16 | 101⅛ | 423 | —48 |
| 1891 | 3,902 | 1,121 | 341 | 442 | 159 | 103 3/16 | 101⅛ | 249 | —14 |
| 1892 | 3,639 | 1,138 | 341 | 447 | 145 | 105 | 103⅛ | 212 | —21 |

The special examination made early in 1893 disclosed that the Banca Romana had in circulation bills for 65,000,000 over and above the amount stated in the situation published every ten days, of which 28,000,000 were made to cover an equal cash deficit. The 65,000,000 are included in the 1,138,000,000. The figures for the previous years are those furnished by the banks, because the elements are lacking to correct them so far as the circulation of the Banca Romana is concerned.

The economic system inaugurated by Italy upon the abolition of forced currency, the characteristics of which were speculation and the use and abuse of credit, both domestic and foreign, never had and never could have a solid basis. Whatever disturbed the foreign markets produced a crisis in the circulation in Italy, by causing a rise in exchange. The credit system received a blow in 1885, when war clouds arose between England and Russia; the system received other blows from time to time, and it was inevitable that it would reach bottom.

In February, 1888, the conventional tariff with France came to an end; differential tariffs were enacted by both countries. Italy was badly hurt by this policy, as has been already remarked, particularly in the destruction of her wine trade, which made the prosperity of the southern provinces. The proprietors who had set out their vineyards on credits lavishly extended by the Bank of Naples now found themselves insolvent.

The storm broke out the next year. The building craze had run its course; it had engaged millions of private capital, and had, it is said, used not less than half a billion of foreign capital, in the shape of discounts and bills of exchange. All of a sudden foreign capital withdrew, and it was then that the banks of issue at the solicitation of the Government intervened and began what was known as salvage politics.

Bills of exchange that returned from abroad passed through the banks of issue. The National Bank supplied 50,000,000 to the Società Tiberina, 10,000,000 to the Società dell'Esquilino, 27,000,000 to the Società Fondiaria, 16,000,000 to the Società per Costruzione, and many more millions to other companies and to private speculators.

The bank circulation was thus increased, and what was worse was that the patrimony of the banks of issue became seriously compromised. The illusion that building associations that had received assistance could reimburse those who had done the assisting proved vain. Speculation prices fell, rents fell, and the banks of issue found on their hands an enormous amount of real estate and mortgages on which they could not realize, or on which they could realize, only at a heavy loss. Many auxiliary industries fell with the building craze. The very economies that the Government introduced into its finances contributed to the diffusion of the feeling of uneasiness. The economic condition of the country grew worse rapidly; an indication of this was the falling off of the indirect taxes, particularly of the tax on business and of the consumption tax, and the rise in exchange.

By the law of 1881 the banks of issue were compelled to redeem their bills in coin, but after their circulation had become enlarged beyond measure this exchange became impossible. The banks at first raised obstacles so as to make the exchange troublesome and slow. As under the law they had the privilege of redeeming their bills in gold or in silver 5-franc pieces, they offered silver only, which was often refused, even by those having to make remittances abroad, who prefered to pay the discount rather than go about with a lot of cumbersome and heavy currency. When the agio rose to such a point as to do away with all objection to receiving silver, the exchange of bills ceased entirely. The proceeds of the loan for the withdrawal of the bills of the old syndicate had become well nigh exhausted in three or four years. The treasury, it is true, was required to redeem in coin the Government bills that had remained in circulation, but it followed the course of the banks and relieved itself of this obligation by making the exchange difficult and troublesome. Practically, forced currency was revived, little by little, and the circulation of coin, which had never been very abundant, ceased entirely. Even the subsidiary silver coin disappeared, much to the embarrassment of the retail trade, but as this currency was depreciating along with the depreciation of silver, it may not be amiss to remark that this was the cause that brought about the formation of the Latin Union.

Towards the close of 1892 there were rumors of malversation in the affairs of one of the banks of issue, to the mismanagement of which public opinion had for quite a period ascribed the languishing condition of the public welfare. A parliamentary inquiry was demanded, by which the true condition of ten of the banks could be ascertained more satisfactorily than from their balance sheets and situations published every ten days. A parliamentary inquiry was not had, but the Government ordered one, the findings of which were immediately made public. One bank, the Banca Romana, was found guilty of very serious malversations. The Government inspectors found that the bills issued and put in circulation exceeded by 65,000,000 in value the amount of bills certified to in the bank situations; 28,000,000 represented an actual deficit in cash, covered up by means of fictitious accounts current.

No malversations were discovered in the management of the other banks, but the patrimonial conditions of all were found to be deplorable, with millions of assets having the qualities of real estate of difficult realization.

The Hon. Mr. Sonnino, who has quite recently assumed the duties of minister of the treasury, on making a summary of the assets in shares of the four banks (Banca Nazionale, Banca Nazionale Toscana, Banca Toscano di credito, and Banca Romana) estimated the losses already incurred (including the cash deficit of the Banca Romana) at 84,500,000. He further found 314,000,000 of property inscribed in the assets, and credits which he considered could only be realized after a lapse of years and a considerable portion of which with no promise of immediate return. The capital and the reserve fund of the four banks figure for a total sum of 253,000,000 of francs.

The inquiry showed the following results for the two southern banks: The Bank of Naples, whose balance sheets show 71,500,000 patrimony, counts among its assets 50,000,000 that can be considered as lost, and 96 other millions that can not be readily realized, being invested in mortgages and in notes that are renewed as they fall due.

The balance sheet of the Bank of Sicily shows an excess of 23,000,000 of assets over its liabilities; but 8,000,000 should be stricken for the assets, reducing the excess to 15,000,000. Furthermore, 24,000,000 of credits and renewable notes, which constitute so much locked up capital, must also be included among the assets.

As soon as the findings of the inquiry were made public, it became impossible to put off the bank question any longer, a question that had been discussed for ten years in Parliament without reaching a conclusion.

The law of August 10 of last year was passed in haste and went into operation January 1 of this year. This law prescribes the fusion of the Banca Nazionale with the Banca Nazionale Toscana and with the Banca Toscana di Credito, in order to constitute the Bank of Italy. The three former institutions bring with them 240,000,000 nominal capital, of which 176,000,090 are paid up. Inasmuch as the Bank of Italy is to start with 300,000,000 nominal capital and 210,000,000 paid up, it was authorized to issue new shares to the amount of 60,000,000 nominal, of which 34,000,000 must be paid up.

The Banca Romana is put in liquidation, which liquidation is assumed by the State, but carried out by the Bank of Italy. The Bank of Italy is required to withdraw the bills of the Banca Romana without waiting for the assets to be liquidated. It will reimburse itself little by little as the liquidation proceeds for its outlay in retiring the bills. Inasmuch as a loss is foreseen, it is made obligatory on the Bank of Italy to pay annually, for twenty years (during which period it enjoys the privilege of issuing bills), the sum of 2,000,000 francs to meet this loss. These are the terms of the concession. The Bank of Naples and the Bank of Sicily are allowed to continue business.

The circulation for the next four years has been limited to 1,097,000,000, apportioned as follows: Bank of Italy, 800,000,000; Bank of Naples, 242,000,000; Bank of Sicily, 55,000,000. At the end of the four years each institution must begin to reduce, every second year, its circulation in such a proportion as to restrict it to the following limits at the expiration of fourteen years after the enforcement of this law: Bank of Italy, 630,000,000; Bank of Naples, 190,000,000; Bank of Sicily, 44,000,000.

The reserve must equal 40 per cent of the circulation; 33 per cent must be in coin or in gold bars; the balance may consist of foreign bills of exchange with first class indorsements.

The bills are, by law, to pass current. The institutions, however, will be held to redeem them in coin. So says the law, but it is reserved for a royal decree, that as yet has not appeared, to regulate the manner in which the redemption is to be made. This limitation was a subterfuge of the legislator, who, considering the general financial conditions of the country, and the particular condition of the Bank of Italy, saw that the redemption would be impossible on demand; on the other hand, for decency's sake and, perhaps, in the hope of finding some way out of the difficulty, he did not wish to decree a forced currency, so the question of the redemption of the bills has not been settled. The decree that should regulate it will probably be a long time coming, and the public will continue to bear with the currency, practically a forced one, without its being declared so by law, for immediately upon the passage of the act the financial condition became worse.

Italian credit received a heavy blow from the closing of the India mints to the coinage of silver, the explanation of which is to be found in the weak economic condition of the country and in the abuse of foreign credit.

It is customary for the Government to exchange its 5 and 3 per cent bonds, payable to bearer, every ten years, in order to guarantee the public against counterfeits. When the last exchange was made, in 1891, 586,108 5 per cent bonds, with 93,384,945 worth of coupons and 10,045 3 per bonds, with 938,547 worth of coupons, were exhanged in foreign countries; hence it is presumed they belonged to foreigners.

The Italian Government further owes to the Austrian Southern Railway Company the annual sum of 27,781,150, the price of the redemption of the Upper Italian railways. A large portion of the railway stocks are placed abroad, which, with the annuity due the Austrian Railway Company, constitute the greater portion of the redeemable debt. It may be estimated that from 3,000,000,000 to 3,500,000,000 of the public debt are placed abroad. During the last two years, 1890–'91 and 1891–'92, the payments made by the treasury outside of the Kingdom on account of interest and liabilities relative to the public debt, excluding the annuity due to the Austrian Railroad Company and the funds furnished to the Italian railroad companies on account of interest on the railroad stock, amounted to 181,000,000 and 189,000,000. These figures were increased by the sending out of Italy of coupons on Italian bonds owned by Italians, with the view of receiving gold in payment therefor instead of paper, thus getting the benefit of the agio, the interest on the public debt being payable in gold abroad and in paper within the country. To prevent the sending abroad of the coupons, the affidavit has recently been put in force. Coupons are paid in gold abroad, provided the bonds are presented with the coupons attached, and provided further the bonds are accompanied by a sworn statement to the effect that the bonds *do not* belong to an Italian owner. The affidavit was put in practice for the first time December 31, 1893.

When the Government of India stopped the coinage of silver for private account, which was immediately followed by the repeal of the purchasing clause of the Sherman Act, and the price of silver fell to a point lower than ever known before, it was feared that the position of the Latin Union would become untenable, and it was rumored that the convention of 1885 would be denounced. The powerful credit of France did not suffer in the least, albeit France was the most compromised of the monetary allies, on account of the enormous circulation of her silver 5-franc pieces. The credit of Italy, on the other hand, collapsed. Italian rentes that had been quoted above 90 in June at Paris, fell to 78 in November. The agio, that had never been higher than 5 per cent, jumped to 12 per cent in a few days and continued to rise exceeding 16 per cent; it fell to 12 per cent about the middle of December; subsidiary coin, which had been scarce for a long time, became absolutely insufficient, disturbing the retail trade and creating much excitement in all classes of the population. To meet events the Government instituted the affidavit, and immediately ordered the payment of customs dues to be collected in gold. At the instigation of the Government institutions of credit formed a syndicate, backed, it would seem, by the Bank of Germany, to bolster up the rentes at Paris, where, for some time, on account of political animosity, nothing has been left undone to damage Italian credit. The syndicate has certainly failed in its purpose; it was said that it had met with enormous losses, and then the panic began. The run at first light soon became great. Banks of deposit were besieged. The Societa Generale di Credito Mobiliare, the strongest institution of credit in the Kingdom, with 75,000,000 of nominal and 60,000,000 of paid-up capital, had to suspend payment. At Rome, Genoa, and Florence, other banks were obliged to close their doors. Banks that survived the run have come out weakened. General want of confidence was never as great as at this time. The mechanism of credit works but imperfectly; foreign capital not only does not come in but is being withdrawn at the very moment it is most needed.

Enough has been said to explain the depreciation of values. The excessive issue of bills, not even representing commercial operations of quick liquidation, but investments partaking of the character of investments in real estate, originating from building speculations which crumbled under the weight of their own extravagance; the impoverishment of the nation's monetary stock; the conversion of bills into coin, practically suspended, notwithstanding the legal provision to that effect; the balance of international payments aggravated by the heavy interest on the public debt placed abroad, and which is not offset by any excess in international exchanges, because imports exceed exports, and lastly the precarious state of public finances are so many elements of disturbance that are manifested in the depreciation of values.

The efforts made for the last four or five years to improve an economic situation that is generally considered exceedingly serious have proved vain. It should, however, be said that the courage to strike at the root of the evil has been lacking. The anxiety to prop up banks and undertakings that could not stand by themselves, has converted a crisis that might simply have been acute, into a chronic crisis. Certain it is that the banks of issue were ruined by trying to save the building speculations, which naturally did not succeed, because they could not succeed. The manifestations of the evil has been resisted even more than the evil itself. The most evident proof of this is the subsidiary coin question. Italy, France, Switzerland, Belgium, Greece, form the Latin league—they all have a common monetary system, the bimetallic system, with the ratio of 15½ between gold and silver. The present circulation is estimated to be: 1,540,000,000 of French 5-franc pieces; 380,000,000 of Italian 5-franc pieces; 410,000,000 of Belgian 5-franc pieces, and 15,000,000 of Swiss and Greek 5-franc pieces.

Throughout the territory of the league these pieces pass current with gold, although their intrinsic value is, at the present price of silver, hardly half of the legal value. They have been in great part accumulated in the vaults of the Bank of France, which has put its own bills in circulation.

By the convention of 1883 the subsidiary coin (pieces of 2, of 1, and of ½ franc) was limited to 6 francs per head of population, in each state. Italy, by a special clause, was permitted to coin 202,400,000 francs of subsidiary coin which, within the limits of the state coining the same, is legal tender to the amount of 50 francs. The state, however, is obliged to receive it in unlimited sums. By article 6 of the convention each state is obliged to receive at its treasury the subsidiary coin of the other allied states up to 100 francs in any one payment. Article 7 provides that the allied states shall redeem from one another their subsidiary coin in gold. It should be remembered that, by virtue of article 6, subsidiary coin is generally accepted throughout the territory of the league by private parties as though it were legal money, because of the possibility of turning it into the treasuries as legal money.

It is now explained how, owing to the high rate of exchange, Italian subsidiary coin has been gathered up to make payments abroad, and has thus disappeared from circulation. There must be from 100,000,000 to 120,000,000 of Italian subsidiary coin in France and Switzerland.

The scarcity of small change became a veritable calamity, and as the Government was unable to remedy the evil, a number of private business concerns issued their own bills, although prohibited to do so by law, and thus gave some relief.

This inability of the Government is derived from the inhibition, established by the Latin convention, to issue small bills (at least this is the interpretation given to the convention), and from the hesitation shown by France to accept the proposition made by Italy to enter into negotiations for the naturalization of Italian small coin, or for the abrogation of article 6 of the convention of 1885, by which subsidiary coin had acquired international circulation within the territory of the Latin league.

The representatives of the states of the league met at last in Paris to discuss Italy's propositions. Before the Paris convention had reached any conclusion, the Italian Government decreed the issuing of 30,000,000 of 1-franc bills, which are to be guaranteed by an equal amount of silver subsidiary coin deposited in the treasury. Up to date 18,000,000 of these bills have been put in circulation. The circulation of copper coin has also been increased. The lack of small coin has been attenuated by these means, but it still exists, for the last silver in circulation disappeared when the new bills appeared. The ratification of the recent Paris stipulations will enable Italy to come more largely to the relief of trade.

By the new convention France, Switzerland, Belgium, and Greece, obligate themselves to withdraw from circulation the Italian 2-franc, 1-franc, and ½-franc pieces and to turn them over to the Italian Government which will redeem them one-half in gold, the other half in bills of exchange on the crediting country. The French Government will have charge of the withdrawal and redemption of the small coin.

Four months after the ratification of the convention, the Goverment offices of France, Switzerland, Belgium, and Greece will no longer receive Italian small coin (abrogation of article 6 of the convention of 1885) and after Italy shall have withdrawn and redeemed its small coin, that country will not be obliged to again redeem its small coin (as was prescribed by article 7 of the convention of 1885) should it find its way abroad once more. Lest the Italian small coin should continue to be accepted abroad by private parties, the Italian Government has obtained consent to hold it in its vaults, issuing in its place *buoni di cassa*, certificates of deposit of small denominations. It is intended to increase the issue of 1-franc bills. The convention, of which we have spoken, must be ratified by the respective parliaments before it can become operative. The ratifications were to be exchanged not later than the 30th of this month (January, 1894). The French Parliament has not taken up the matter as yet.

The figures already given show that for the last few years economy has been practiced in many directions, yet the savings have not been sufficient to reestablish a balance, either because a part of the savings was neutralized by the maturing of obligations, or because nearly every tax ceased to bring in a larger amount, and even some of the taxes brought in less. For example, the frontier custom-houses turned in 275,000,000 in 1889–'90, in 1891–'92 only 224,000,000, and 252,000,000 in 1892–'93. Here and there a defect in some tax may have been amended, but as a rule, the burden of the taxpayer has not been increased. Up to date it is thought that the country can not bear a centime more of taxation. It is only necessary to consider the total sum of taxes paid and compare it with the totals of other countries, taking into account not so much the number of inhabitants as the wealth owned by them (Prof. Bodio has estimated the private wealth in Italy at scarcely 53,000,000,000 francs), to discover that of all European countries Italy pays the heaviest tax bills. In order to state the terms of the financial problem which is now occupying the

minds of Italian statesmen, and to give an insight into the tributary system of this country, I append a skeleton of the approved budget for the year July 1, 1893, to June 30, 1894.

*Effective receipts.*

| | Lire. |
|---|---|
| Patrimonial income | 89,106,278 |
| (Of which proceeds of railroad service figure for 74.251,900.) | |
| Contributions: | |
| Taxes on land | 106,400,000 |
| Taxes on buildings | 85,600,000 |
| Income tax | 236,036,530 |
| Business taxes—succession tax, registry tax, stamp tax | 199,990,550 |
| Taxes on the transportation of freights and passengers | 18,440,000 |
| Diplomatic and consular fees | 750,000 |
| Taxes on consumption: | |
| Duties on imports and exports | 240,350,000 |
| Taxes on the manufacture of spirits—beet sugar and prepared chicory | 31,000,000 |
| Imports on certain articles of home consumption | 66,687,867 |
| The avails of the tobacco monopoly | 193,500,000 |
| The avails of the salt monopoly | 63,000,000 |
| Government lottery | 75,302,000 |
| Receipts from public services | 85,351,765 |
| Divers ordinary receipts | 45,750,375 |
| Extraordinary receipts | 14,013,495 |
| Total | 1,551,278,860 |

*Effective expenditures, ministry of the treasury.*

| | Lire. |
|---|---|
| Permanent debts | 453,088,410 |
| Redeemable debts | 107,951,275 |
| Variable debts (including guarantee of the railroad contracting companies) | 101,979,155 |
| Pensions | 79,470,894 |
| Dotations (expenses for the royal household and for the legislative chamber) | 17,210,000 |
| General expenses of administration | 21,294,385 |
| Extraordinary expenses | 12,177,154 |
| Ministry of finance | 170,463,895 |
| Ministry of grace and justice | 33,412,029 |
| Ministry of foreign affairs | 8,879,041 |
| Ministry of public instruction | 40,805,192 |
| Ministry of the interior | 53,766,775 |
| Ministry of public works | 72,013,465 |
| Ministry of posts and telegraphs | 52,525,223 |
| Ministry of war | 236,320,000 |
| Ministry of the navy | 99,739,269 |
| Ministry of agriculture, industry, and commerce | 10,468,302 |
| Total of ordinary and extraordinary effective expenditures | 1,571,564,464 |

It should be noticed that the gross receipts are inserted in the Italian balance sheet, so that when we see that the lottery, for instance, has brought in 75,000,000, it must be remembered that the sum of 36,000,000 on account of prizes won, is inscribed in the expense account of the ministry of finance. The same should be said of the monopolies of salt and tobacco, which appear among the assets for 193,500,000 and 63,000,000, but also figure on the account of the ministry of finance for 42,000,000 first cost and cost of manufacturing.

The above tables show the deficit between the effective receipts and expenditures, ordinary as well as extraordinary, for the present year, to be 20,285,604 francs (1,557,278,860—1,571,564,467). But 30,000,000 for railroad construction are not included in the balance sheet, and in the category of movement of capital appear 33,000,000 to liquidate debts, and 11,000,000 to be spent by the Government on account of certain public administrations.

The railroad construction expenditures are met by a loan of equal amount.

The liquidation of debts and other expenditures of the movement of capital are met by an alienation of patrimonial property (9,000,000) by the collecting of credits (9,000,000) by other loans (16,000,000), by advances made by the *Cassa depositi e prestiti*, on account of pensions, in accordance with the last pension law (333,500,000).

The balance sheet shows a small surplus, which is merely apparent and obtained by means of loans to the amount of 80,000,000; that is, by an issue of 30,000,000 of railroad stock, 16,500,000, by an issue of special bonds, and 33,500,000 advanced by the Cassa of depositi and prestiti.

It now appears plain that certain chapters of the expenditure account of the general annual final accounts will exceed the estimated amounts, and that certain receipts will also fall short. In short, those most competent to form an opinion estimate that the deficit for the current year, unless other sources of revenue are found or unless retrenchments are made, will reach 100,000,000 in round numbers.

The condition of the treasury has become very serious on account of the deficits of past years, which were covered in part only by extraordinary operations. Resort has been had to every expedient suggested by financial skill. The Italian treasury has the benefit of the advances made by the banks of issue, and issues short term treasury bonds. Under the law of April 7, 1892, it issued long term treasury bonds (payable after six years) to the amount of 200,000,000, and this latter resource is now about exhausted, as the last 50,000,000, still available at the beginning of 1893–'94, have been recently disposed of.

On June 30, 1893, the treasury debts proper amounted to 633,000,000, to offset which there were 60,000,000 of credits and a reserve fund of 247,000,000.

The situation was as follows:

| | Lire. |
|---|---|
| Cash | 247,043,982 |
| Credits | 60,772,670 |
| Total | 307,816,652 |
| Debts: | |
| Ordinary treasury bonds | 282,116,000 |
| Long term treasury bonds | 131,160,000 |
| Advances to banks | 35,500,000 |
| Obligations of the treasury | 26,688,997 |
| Different administrations | 157,920,857 |
| Total | 633,385,854 |
| Treasury deficit | 325,569,202 |

But there is an item that does not figure here, although it belongs to the account of the Treasury, and which takes the name of active and passive residue account.

In the general annual final account are inscribed among the receipts all receipts that have been ascertained (and hence considered as belonging to the State), even though they do not actually go into the State vaults. These ascertained sums, though not collected, constitute the active residue. The expenditures, in like manner, figure in the final account for the entire ascertained amount, whether they have been paid out or not. Ascertained expenditures, though not paid, constitute the passive residue.

On June 30, 1893, the Treasury had received:

| | Lire. |
|---|---|
| Active residue, for the years 1892–'93 | 80,692,794 |
| For the previous year | 58,942,511 |
| Sums collected, but not paid into the Treasury | 46,241,601 |
| Total | 185,876,908 |
| On the other hand, passive residue 1892–'93 | 181,032,190 |
| For previous year | 165,769,624 |
| Total | 346,801,814 |

And hence another passive deficit of 160,924,906 francs to add to the deficit proper of the Treasury of 325,569,202 francs, making the total deficit of the Treasury 486,494,108 francs for the year 1892–'93. A further charge against the Treasury is the Government bills, of which 332,952,315 francs were in circulation, December 31, 1892. To meet 8,461,218 francs of bills of the bank syndicate not yet presented for redemption, there was a sum of 7,340,628 francs in gold left from the loan for the abolition of compulsory circulation of paper money; 1,120,590 francs of Government bills (the total amount of which is fixed by law at 334,072,905 francs) are still to be issued in exchange for bank syndicate bills.

The finances of local administrations, which by general consent have contributed no little to aggravate the condition of the country, should be considered in connection with those of the State.

The most recent figures given to the public, go back to 1889. In that year, the communes expended 540,110,369 francs, and the provinces expended 103,253,795 francs. The following amounts were levied to meet those expenditures:

| Description. | Communes. | Provinces. |
|---|---|---|
| | *Lire.* | *Lire.* |
| Patrimonial income | 45,237,577 | 1,426,404 |
| Taxes | | |
| County rate on tax on land | 78,347,514 | 54,262,543 |
| County rate on tax on buildings | 40,525,323 | 28,543,381 |
| Communal octroi duties | 149,987,715 | |
| Other duties | 58,314,188 | 181,872 |
| Different receipts | 86,928,705 | 11,214,216 |
| Passive loans | 89,769,257 | 7,624,879 |
| | 549,110,369 | 103,253,295 |

At the end of 1889 the debt of the communes had reached the sum of 1,037,000,000; that of the provinces, 170,000,000.

Between State, province, and commune, taxation has become very burdensome.

Real estate, so far as land alone is concerned pays altogether 239,000,000; the taxes on buildings in cities amount to 154,000,000. The tax on buildings represent at least one-fourth of the rent. It must be recollected that land-owners owe a mortgage debt of from 4,000,000,000 to 6,000,000,000, paying from 300,000,000 to 350,000,000 interest.

The consumption taxes are very high, wheat pays at the frontier, 5 francs per quintal, first quality sugar pays 94 francs, second quality 80.75 francs per quintal, coffee, 150 francs per quintal. The internal-revenue tax on the manufacture of alcohol and the frontier tax on imported spirits is 140 francs per 26¼ gallons of anhydrous alcohol; retail dealers in spirits, pay 20 francs. The octroi duties, if not so heavy are certainly more annoying; they are collected on numerous articles of consumption including those already taxed upon entering the country.

So it is easy to understand the hesitation on the part of the Government to propose new taxes, and the repugnance of Parliament to approve them.

On the other hand it will be extremely difficult to economize further, inasmuch as during the last few years expenses have been reduced a hundred millions or more. Out of a total of 1,571,000,000 of effective expenditures, interest and pensions amount to 742,000,000, and can not be reduced. The necessary expenditures of the army and navy are estimated at 336,000,000. Many more millions must be forthcoming, for instance, for the post-office and telegraph department, for the purchase and manufacture of tobacco and salt, for the payment of prizes in the lottery, all these expenditures being necessary conditions for corresponding receipts on the income side of the balance-sheet. But a most restricted margin is left for economy, and no one can any longer deceive himself in believing that the deficit can be made up by such means.

In view of the laws already passed and in view of the obligations already assumed there can be no doubt but what several chapters of expenditures in future balance-sheets must be increased on account of the persistent crisis and economic stagnation. There is but slight expectation that the receipts can resume the ascending curve, as happens with gradual economies, and offer the means of meeting greater expenditures.

WALLACE S. JONES,
*Consul General.*

CONSULATE-GENERAL, *Rome, January 26, 1894.*

# THE ARGENTINE REPUBLIC.*

Weights and measures, employed throughout Consul Baker's report, reduced to American equivalents: Hectare = 2.471 acres; hectoliter, dry measure, = 2.335 bushels; hectoliter, liquid measure, = 26.417 gallons; kilogram = 2.205 pounds; kilometer = .62135 of a mile; liter = 2.113 pints; meter = 39.37 inches.

## INDUSTRIAL, FINANCIAL, AND COMMERCIAL CONDITION IN 1893.

### INDUSTRIAL CONDITION.

The present economic condition of the country is, to some extent, set forth in a recent official publication made by the President. Though the Argentine Republic embraces 2,894,237 square kilometers of territory, he estimates the population at 4,531,000—that is to say, after eighty-three years of independent existence, it contains 1·6 inhabitants per square kilometer against 7 inhabitants per square kilometer in the United States. With the same density of population the Argentine Republic would contain 20,000,000 of people: the difference in great part is owing to the many revolutionary episodes which the country has been cursed with and to the general lack of that quiet and repose which are so essential to industrial progress. Though the country is rich and attractive in the elements of wealth, it is in need of population to develop them. Compared with the other nations of South America, the Argentine Republic has, however, made no mean advance. During the last ten years the population has increased 50 per cent and the area in cultivation has increased 300 per cent; though, even yet, for every thousand square kilometers of land there are only 14 in cultivation. The public land remaining unsold—not including such tracts as have been rented for a term of years—now embrace 42,406 square leagues, of which the greatest part is suitable for grazing purposes and no inconsiderable part of it for agriculture. So that the two great industries of the country—cattle and sheep raising and the production of breadstuffs—are capable of indefinite development. The increase in the last ten years is worthy of notice. In 1883 the number of horned cattle in the Republic was 14,000,000; in 1892 it was 22,000,000—an increase of 57 per cent. In 1883 the number of sheep in the country was 65,000,000; in 1892 it was 75,000,000, the Argentine Republic being the third country in the world in cattle and the first in sheep.

Taking the three quinquennials from 1878 to 1892, the following table shows the increase in the exports of leading domestic products:

| Products exported. | 1878 to 1882. | 1883 to 1887. | 1888 to 1892. |
|---|---|---|---|
| Wool ..... tons.. | 485,692 | 602,436 | 685,164 |
| Ox and cowhides ..... number.. | 11,504,000 | 12,744,000 | 19,001,000 |
| Meats ..... tons.. | 141,432 | 159,070 | 321,115 |
| Grease and tallow ..... do... | 77,541 | 73,283 | 91,988 |
| Wheat ..... do... | 31,243 | 523,427 | 1,395,294 |
| Maize ..... do... | 193,993 | 943,703 | 1,814,024 |
| Flour ..... do... | 7,787 | 26,638 | 47,688 |

These products form about 80 per cent of the value of the annual exports of the country. The productions of sugar, alcohol, beer, matches, candles, milling, and the preparation of meats are now well established industries, which have also shown a wonderful development during the last few years. In 1883 the output of native sugar was 12,000 tons; in 1892 it was 35,000 tons, an increase of nearly 200 per cent. In 1883 the production of wine was 290,000 hectoliters; in 1892 it was 660,000 hectoliters—an increase of nearly 127 per cent. In reference to the other articles named, the domestic production has so greatly increased, that their importation has ceased to be items of

* Mr. Baker says that he is not responsible for any errors of addition or computation that may appear in this report, as the figures are taken directly either from the official returns of the national statistical office or reports of cabinet officers.

any importance. There are now 74 breweries in the country, which last year produced 12,618,966 liters of beer, and 193 distilleries, which last year produced 37,242,069 liters of alcohol; 364 manufactories of liquors, which last year turned out 4,011,047 liters of spirits; 4 immense match factories, which last year turned out 125,549,000 boxes of matches. The list of important domestic industries might be greatly extended, but these figures sufficiently illustrate the industrial development which, in spite of "hard times" and revolutions, is taking place in the Argentine Republic. As keeping pace with these industries it may be added that during the last ten years there have been constructed over 10,000 kilometers of railway, while the movement of passengers has increased from 5,587,299 in 1885 to 11,709,017 in 1892, and the amount of freight carried (4,145,117 tons in 1885) amounted to 6,360,260 tons for the first six months of 1893.

It may be stated, in reference to foreign "capital" now employed in the Argentine Republic, that it is computed at the present time to amount to $836,000,000 gold. It is invested in railways, banks, industrial establishments, commerce, estancias, insurance companies, tramways, etc., etc., and the annual service in the way of interest and profits is not less than $50,000,000, an amount which is of itself enough to destroy the equilibrium between imports and exports, or consumption and production.

## IMMIGRATION.

In regard to "the immigrants with strong arms and a will to work," so much needed by the country, it may be said that whatever development the Argentine Republic has achieved or is achieving in trade, in navigation, in manufactures or in agriculture is in great part due to the foreign element. The workers, the laboring classes, the producers of the country are as a general thing either foreigners or the children of foreigners; and it is unfortunate that the conditions of the crisis and the depreciated money in which labor is paid prevent more of them from finding homes here in the river Plate. The total number of immigrants during 1892 was 93,550, and during the same time the number who left the country was 55,282, so that the positive increase from this source was only 38,268. Thus far, however, for the year 1893 the returns show an increase in the number of arrivals and a decrease in the number of departures.

It is not possible to give the exact proportion between the native and foreign population, for the reason that there has been no census of the Republic since 1869. At that time the total population was found to be 1,877,490, of which 210,287 were foreigners. Since that time there has been a steady influx, as will appear from the following figures, compiled from the reports of the department of immigration:

*Arrivals of immigrants since 1868.*

| Year. | Number. | Year. | Number. |
|---|---|---|---|
| 1868 | 29,234 | 1882 | 51,503 |
| 1869 | 37,934 | 1883 | 63,243 |
| 1870 | 39,967 | 1884 | 77,805 |
| 1871 | 20,930 | 1885 | 108,722 |
| 1872 | 37,037 | 1886 | 93,116 |
| 1873 | 76,332 | 1887 | 137,426 |
| 1874 | 68,277 | 1888 | 155,632 |
| 1875 | 42,066 | 1889 | 273,000 |
| 1876 | 30,965 | 1890 | 138,407 |
| 1877 | 28,789 | 1891 | 73,550 |
| 1878 | 35,876 | 1892 | 93,550 |
| 1879 | 50,205 | | |
| 1880 | 41,617 | Total | 1,837,740 |
| 1881 | 42,047 | | |

Though the arrivals, as it thus appears, were during the last twenty-five years 1,837,740, it further appears from the returns of the Government that owing to dissatisfaction, or the crisis which has existed in the country for the last three years, the departures have amounted to 596,320, so that the net gain to the population has been only 1,241,420. Thus, assuming that the present population is what Dr. Latzina, the chief of the statistical office, says it is, 3,794,258, the total number of foreigners now in the country, to say nothing about their children born here, is quite one-third of the entire population of the Republic.

Of the 93,550 immigrants who arrived during 1892, classified according to their occupations, it appears that 48 per cent were agriculturists, 20 per cent ordinary laborers and the rest were in great part artisans. It further appears that nearly 50 per cent of the arrivals were from Italy, directly or indirectly.

It is certainly time that there was such a modification of the land laws of the country as would give the public domain to actual settlers in small tracts, and not leave it, as now, to be sold in such immense areas that only wealthy speculators can purchase. And there is this to be said in favor of the present immigration to the Argentine Republic, that it is in quality quite all that could be desired—composed in great part of decent, hard-working, frugal people, who come with their families and "household gods" to make their home in the country and assist in its material development.

### AGRICULTURAL PROGRESS.

It is unfortunate that there is no official bureau for collecting, digesting, and publishing the agricultural statistics of the country. Everything in relation to acreage and crops is reached by a species of guesswork, which is not very reliable. In this manner the average in cultivation in 1891 was stated to be 7,487,000 acres, and in 1892 at 8,862,000 acres. Señor Latzina, the chief of the national statistical office, publishes the following table, which, according to the lights that he possesses, shows the acres in cultivation in 1892, compared with 1883:

| Crops. | 1883. | 1892. |
|---|---|---|
| | *Hectares.* | *Hectares.* |
| Wheat | 243,500 | 1,322,000 |
| Maize | 203,000 | 908,000 |
| Alfalfa | 142,500 | 662,000 |
| Vines | 14,500 | 30,000 |
| Sugar canes | 9,600 | 28,000 |
| Other crops | 315,900 | 952,000 |
| Total | 929,000 | 3,902,000 |

That is to say, assuming that a hectare is 2½ acres, the amount in cultivation in 1892 was 8,755,000 acres, against 2,322,500 in 1883, a gain of 300 per cent in ten years.

According to Mr. Mulhall, the well known statistician and editor of the Standard, the value of the harvest of 1892 was $87,000,000, against $85,500,000 in 1891, as follows:

*Estimated crop of 1892.*

| Crop. | Quantity. | Value. |
|---|---|---|
| | *Tons.* | |
| Wheat | 1,500,000 | $37,500,000 |
| Maize | 900,000 | 16,200,000 |
| Barley | 50,000 | 1,100,000 |
| Linseed | 60,000 | 1,800,000 |
| Alfalfa | 900,000 | 9,900,000 |
| Sugar | 45,000 | 3,600,000 |
| Grapes | 100,000 | 3,500,000 |
| Tobacco | 6,000 | 650,000 |
| Rice | 3,000 | 150,000 |
| Sundries | ..... | 12,600,000 |
| Total | ..... | $87,000,000 |

Of this amount he further estimates that after meeting the requirements of home consumption, the surplus for export will approximately figure as follows:

*Surplus of agricultural products for 1892.*

| Crop. | Quantity. | Value. |
|---|---|---|
| | *Tons.* | |
| Wheat | 750,000 | $19,000,000 |
| Maize | 300,000 | 5,400,000 |
| Linseed | 60,000 | 1,800,000 |
| Alfalfa | 40,000 | 600,000 |
| Sundries | ..... | 7,200,000 |
| Total | ..... | 34,000,000 |

The actual shipments of agricultural products from the Argentine Republic for 1892 do not show the actual surplus since each year's harvest runs over into the next. The total exports of such products, however, were valued at $26,750,366, against $18,425,573 in 1891.

As a matter of comparison, I bring down the table of exports of breadstuffs from the Argentine Republic, so as to include the year 1892 and nine months of 1893, as follows:

| Year. | Wheat. | Corn. | Flour. |
|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* |
| 1882 | 1,700 | 107,000 | ..... |
| 1883 | 61,000 | 19,000 | ..... |
| 1884 | 108,499 | 113,710 | 3,734 |
| 1885 | 78,493 | 197,859 | 7,447 |
| 1886 | 37,864 | 231,660 | 5,262 |
| 1887 | 257,865 | 361,844 | 5,442 |
| 1888 | 178,928 | 162,037 | 6,392 |
| 1889 | 22,806 | 432,590 | 3,360 |
| 1890 | 327,894 | 707,281 | 12,017 |
| 1891 | 395,555 | 65,908 | 7,015 |
| 1892 | 470,109 | 445,935 | 18,849 |
| 1893, nine months | 919,208 | 37,721 | 26,280 |

For the present year there is a prospect of a larger harvest in every respect than ever before produced in the Argentine Republic. The number of acres in cultivation is estimated at 12,500,000, an increase of upward of 3,500,000 acres over that of 1892, and this notwithstanding the backset which agriculture has received by the revolutionary condition of the country. This increase is mostly in the provinces of Buenos Ayres and Santa Fe. As yet there has been no report of locusts, that bane of the Argentine farmer, in any of the colonies. The wheat harvest is just now beginning in Santa Fe and Entre Rios and will soon follow here, and if it comes out according to present expectations it will go a long way toward helping the people through the remaining days of the crisis. The corn crop, owing to drought, is yet uncertain.

## THE PASTORAL INDUSTRY.

As regards the pastoral industry, it can not be said to be in so promising a condition as agriculture. Nature has done all that could be desired in the matter of pasturage; and it may almost be said that sheep, cattle, and horses grow spontaneously on the vast pampas of the Argentine Republic. It may be further stated that pastoral interests are much less exposed to losses from droughts, floods, and bad seasons than grain crops; but, in the last ten years, the industry has made much less advance. One reason may be that the inside "camps," or pasture lands, have become so valuable that it does not "pay" to use them for flocks and herds. An acre in wheat makes a better return than an acre in grass, and the result is that the pastoral industry is compelled to seek the more remote portions of the country, where lands are cheaper and agriculture has yet had no development. It continues, however, to be the leading industrial interest of the Argentine Republic, not merely in the amount of capital invested but in the value of its products. The number of cattle, horses, and sheep in the country, in the absence of exact enumeration, continues to be estimated, and the figures for 1892, according to official calculation, are as follows:

| Provinces. | Cattle. | Horses. | Sheep. |
|---|---|---|---|
| Buenos Ayres | 8,724,683 | 1,710,179 | 57,765,292 |
| Santa Fe | 2,328,443 | 528,526 | 2,977,382 |
| Entre Rios | 4,120,068 | 719,555 | 4,901,122 |
| Corrientes | 1,841,455 | 263,699 | 611,085 |
| Cordoba | 2,110,523 | 403,869 | 2,356,030 |
| San Luis | 478,904 | 113,554 | 241,557 |
| Mendoza | 179,983 | 44,764 | 122,296 |
| San Juan | 116,379 | 34,807 | 99,750 |
| Rioja | 160,107 | 25,030 | 57,927 |
| Catamarca | 239,334 | 56,054 | 152,436 |
| Santiago del Estero | 588,396 | 110,368 | 781,951 |
| Tucuman | 196,836 | 42,936 | 43,390 |
| Salta | 419,083 | 56,513 | 207,522 |
| Jujuy | 89,855 | 22,896 | 617,806 |
| National Territories | 621,130 | 146,487 | 3,367,555 |
| Total | 22,217,678 | 4,284,247 | 75,300,110 |

According to Mulhall's Handbook of the River Plate, in 1884, the number of cattle in the Argentine Republic was 14,171,000; of horses, 4,186,000, and of sheep, 70,096,100. So that the increase in live stock since then must be regarded as quite insignificant.

It is true, however, that there has been in that time a very great improvement in the quality of the animals. The horned cattle have been crossed with the very best blood of Great Britain, the horses with the thoroughbreds of Europe and the United States; and the sheep have been refined to an extent which now makes them the best wool producers in the world, while their carcasses have wonderfully increased in weight. Sr. Petzira admits that "the increased export of wool and sheepskins does not indicate so much an increase in the number of sheep as an improvement in the weight of the fleeces; that twenty years ago the fleece did not weigh 2 kilograms; now it weighs 2½ kilograms or about 5 English pounds. The principal increase in the number of sheep has been in the territories—especially that of the "Pampa" to the southwest of Buenos Ayres.

The following are the exports of pastoral products for the last four years:

| Articles. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|
| Ox horns.....tons.. | 1,756 | 2,289 | 2,428 | 1,851 |
| Bones.....do.... | 27,680 | 38,787 | 57,086 | 28,847 |
| Horsehair.....do.... | 1,794 | 2,324 | 2,341 | 2,138 |
| Skins: | | | | |
| Goat.....do.... | 1,045 | 1,462 | 963 | 907 |
| Kid.....do.... | 369 | 503 | 382 | 295 |
| Sheep.....do.... | 36,378 | 27,148 | 24,170 | 32,060 |
| Cowhides: | | | | |
| Dry.....number.. | 2,424,596 | 3,053,649 | 2,678,909 | 2,845,189 |
| Salted.....do.... | 966,177 | 1,294,101 | 1,263,502 | 1,068,611 |
| Jerked beef.....tons.. | 41,767 | 42,481 | 39,635 | 44,699 |
| Meat extract.....do.... | 52 | 187 | 194 | 260 |
| Hide cuttings.....do.... | 1,488 | 1,822 | 1,784 | 1,433 |
| Wool, unwashed.....do.... | 141,774 | 118,405 | 138,605 | 154,635 |
| Preserved tongues.....do.... | 391 | 741 | 784 | 994 |
| Dried blood.....do.... | 463 | 492 | 648 | 964 |
| Grease and tallow.....do.... | 18,319 | 17,361 | 20,725 | 19,879 |

It will be seen that there is no appreciable increase in the different items, unless we except wool. The quantity exported in 1892 is larger by 16,000 tons than in 1891 and by 36,000 tons than in 1890, owing, probably, to the increased weight of the fleeces. The value of the wool exports of 1892 was $44,326,060, against $38,809,635 in 1891.

As a matter of some interest to wool merchants, I give below a table showing the different countries to which the wool and sheepskins of 1892 were exported:

*Exports of wool and sheepskins for 1892.*

| Country. | Sheepskins. | | Unwashed wool. | |
|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. |
| | *Kilograms.* | | *Kilograms.* | |
| Germany | 1,265,456 | $379,637 | 45,046,135 | $12,912,885 |
| Belgium | 199,456 | 59,836 | 29,288,538 | 8,360,689 |
| Spain | 80,849 | 24,255 | 470,287 | 140,333 |
| United States | 76,704 | 23,011 | 5,226,381 | 1,538,313 |
| France | 22,052,820 | 6,615,835 | 56,857,525 | 16,257,884 |
| Italy | 3,358,626 | 1,007,588 | 2,959,883 | 868,194 |
| Great Britain | 1,713,486 | 514,046 | 3,822,776 | 1,110,478 |
| Uruguay | 216,433 | 64,930 | 616,551 | 170,938 |
| Not named | 3,096,756 | 929,027 | 10,346,959 | 2,966,346 |
| Total | 32,060,586 | 9,618,175 | 154,635,035 | 44,326,060 |

It will be observed that, in spite of the fact that Great Britain furnishes the Argentine Republic with nearly all her woolen goods, she receives in return very little Argentine wools. Her supply is obtained almost exclusively from Australia. The great entrepôt for Argentine wools is Dunkirk, France, though Germany and Belgium continue to receive a large share of the export. The wool that goes to the United States from the Argentine Republic continues to be exclusively the long wools of Cordoba, which are shipped from Rosario.

It may be noted that all wools shipped from the Argentine Republic are now charged with an export duty or tax of 4 per cent on the value.

All wools of the Argentine Republic are shipped in the dirt and grease, which really amounts to about 70 per cent of the total weight. Thus the clip of 1892, amounting to 154,635,035 kilograms (equal to 340,197,077 pounds), when washed after reaching its destination, amounts to only 102,059,124 pounds of clean wool; and yet shippers say that it is cheaper to pay ocean freights on 239,137,953 pounds of dirt and grease than to work the wool here before it is shipped.

### FROZEN MEAT INDUSTRY.

The frozen meat industry continues to prosper and is assuming such proportions as to show that it is permanently established. All the facilities, in the way of freezing establishments and steamers especially fitted for the business of transporting the carcasses to Europe, have been provided by the several companies engaged in the enterprise, and now the meat is put down at its destination in such condition as insures it a ready market.

The following table shows the annual exports of frozen sheep carcasses since the business was inaugurated in 1885:

*Shipments of frozen sheep carcasses.*

| Year. | Quantity. | Value. |
|---|---|---|
| | *Tons.* | |
| 1885 | 2,860 | $75,323 |
| 1886 | 7,350 | 360,508 |
| 1887 | 12,038 | 963,112 |
| 1888 | 18,027 | 1,498,182 |
| 1889 | 17,487 | 1,399,276 |
| 1890 | 20,413 | 1,638,105 |
| 1891 | 23,741 | 1,899,360 |
| 1892 | 25,436 | 2,034,898 |
| 1893 (9 months) | 17,519 | 1,401,490 |

Besides frozen sheep, beef and other meats are also beginning to be shipped abroad; and the results are said to be in all respects satisfactory. The shipments of beef carcasses thus far are as follows:

| Year. | Quantity. | Value. |
|---|---|---|
| | *Tons.* | |
| 1891 | 464 | $37,113 |
| 1892 | 899 | 71,912 |
| 1893 (9 months) | 2,805 | 224,393 |

Nearly all this frozen beef goes to Great Britain.

### EXPORTS OF LIVE STOCK.

There has been considerable falling off in the export of live stock from the country, owing in great part, no doubt, to the unsettled condition of the interior. The whole business amounted to $3,436,259, compared with $5,237,393 in 1891. The following table shows the movement for the last two years:

| Animals. | 1891. | 1892. |
|---|---|---|
| Asses | 6,790 | 10,185 |
| Horses | 10,703 | 7,487 |
| Sheep | 114,691 | 40,100 |
| Mules | 14,703 | 16,514 |
| Horned cattle | 171,105 | 125,458 |

It appears from the custom-house returns that the greater portion of the asses were shipped to Bolivia; of the horses to Chile, Brazil, and Bolivia, though 1,513 were sent to Great Britain. The sheep went to France, England, Brazil, Chile, and Boli-

via; the mules to Bolivia and Chile, and the horned cattle to Chile, Brazil, and Bolivia.

The export value put on the asses was $10 each; on the horses, $28 each; on the sheep, $4 each; on the mules, $20 each, and on the horned cattle, $20 each.

### WORK OF THE SALADEROS.

The killings at the "saladeros" or great slaughtering houses of the River Plate closed for the last year with the month of July. The slaughter for the twelve months, compared with the year 1892, was as follows:

| Saladeros of | 1892. | 1893. |
|---|---|---|
| Buenos Ayres | 443,000 | 380,000 |
| Upper rivers | 321,000 | 362,000 |
| Banda Oriental | 713,000 | 817,000 |
| Total number | 1,477,000 | 1,559,000 |

With the falling off which has taken place in the demand for jerked beef in Cuba and Spain, the "saladero" industry has ceased to be what it was ten or fifteen years ago.

### MINES AND MINING.

There are no new developments or discoveries in the matter of mines and mining in the Argentine Republic. The people of the United States, however, have had an opportunity of seeing the most promising specimens of all the different minerals of the country duly displayed in the Argentine department of the Chicago Exposition; and those who are specially interested in such matters have there had an opportunity of interviewing Mr. Hoskold, the director-general of the Argentine mining bureau, in reference to the prospects for gold and the outlook of silver in this part of South America. Whatever is known positively he knows, and as to the promise of mining in this country he is probably better informed than any other authority. Meanwhile, however, the best proof of the mineral riches of a country—especially one which has been worked and exploited for so many hundreds of years as that of the river Plate, and where there are so many millions of dollars invested by so many companies in mining machinery—is in the annual output; and that, so far as the Argentine Republic is concerned, has been growing "beautifully less" for a number of years. The shipments of precious metal, ores, minerals, etc., for 1891 amounted to $1,355,313; for 1892 they amounted to $652,603, and for nine months of 1893 they amounted to $261,582. Of these minerals $122.40 was gold ore, $162,720 silver ore, $14,440 gold dust, and the rest copper, lead, tin, etc.

I have heretofore in my reports referred to the reported discoveries of gold on the head waters of the Chupat River in Patagonia. The reports from that region, in a measure, confirm what has been said about the gold outlook there. It is certain that a company has been formed in England and another one here in Buenos Ayres for thorough explorations of the upper Chupat Valley, especially the confluence of the Teca and Chupat rivers, and where already a new Welsh colony has been located. Even if gold is not discovered in deposits sufficiently rich to pay for the mining, the territory has rich pasturage lands which must speedily attract settlers. To the far south of Mendoza, also on the western borders of the Pampa territory, there are promises of a golden harvest. Mr. Corydon Hall, a well-known American, now residing in that region, was in this consulate only a few weeks ago, having in his possession, as the result of his own personal investigations, some beautiful exhibits of pure gold—some in scales and some in nuggets which he had reduced himself. He is thoroughly sanguine that he has found the South American El Dorado. But there have been so many disappointed hopes of this kind already in the Argentine Republic that we have become more or less skeptical when gold fields are spoken of. Doubtless a principal stratum of deposits exists somewhere along the eastern slopes of the Andes, but I question if they have been discovered yet.

As for coal and petroleum, two articles whose discovery in the Argentine Republic was to afford untold riches to the country, and about which we have had so many exaggerated reports, there is yet nothing certain. That they both exist is positive; but that they are soon to come to the front as factors in the development of the country is not so positive. In the most promising view of the matter, the fact that they exist, if they exist in paying qualities at all, in the far interior, hundreds of miles from the centers of population, and inaccessible to market, makes it questionable if in the near future it will pay to work them.

### TIMBER.

The timber industry of the Argentine Republic has shown no activity at all during the last year. The hard woods of the upper provinces and the Gran Chaco continues to find a ready market in Europe for cabinet purposes, but the trouble seems to be in getting them out at prices which will pay for their export; as continental dealers perhaps can obtain equally choice varieties from Brazil and Central America at cheaper rates. It is evident, however, that Argentine hard woods are in greater demand in Buenos Ayres than in former years, both for building and for cabinet purposes. There are now established here a number of large manufacturing shops, in the hands of English and American companies, which turn out from the cabinet woods of the country all kinds of choicest furniture in the latest styles of Europe and the United States, and at prices much below those at which it will pay to import the articles, the Argentine tariff now charging 60 per cent on the value of imported furniture, the value fixed by the Argentine custom-house. Of course this furniture is called "English," "American," "French," etc.

The exports of hard woods since 1875, when shipments abroad first commenced, are as follows:

| Year. | Export value. | Year. | Export value. |
|---|---|---|---|
| 1875 | $29,171 | 1884 | $394,848 |
| 1876 | 10,541 | 1885 | 339,022 |
| 1877 | 57,090 | 1886 | 326,623 |
| 1878 | 14,943 | 1887 | 330,214 |
| 1879 | 58,793 | 1888 | 781,793 |
| 1880 | 36,403 | 1889 | 799,257 |
| 1881 | 272,613 | 1890 | 1,413,224 |
| 1882 | 222,358 | 1891 | 2,145,510 |
| 1883 | 257,887 | 1892 | 1,066,819 |

No doubt the political troubles of the country have had considerable influence in preventing shipments abroad. The varieties in greatest request for export are cedar, quebracho, algaroba, nandubay, etc. There were some shipments of cedar to the United States, but the great bulk of the cabinet woods went to Germany and Great Britain. There has, besides, been a great demand for a year or two past for quebracho chips or blocks, which are used for tanning purposes. For this purpose the shipments in 1891 were 30,760 tons, and in 1892, 26,492 tons. There are forests of pine in the Misiones and also along the Andes in Patagonia, but these soft woods are as yet quite inaccessible to market, and the pines of Canada and the United States must for years continue to find a steady demand in the River Plate.

It is on the tapis, however, for Buenos Ayres to bring its building timber and lumber from Tierra del Fuego, whose forests are said to be marvels of nature. A letter from that territory, published a short time ago, has the following on the subject:

"Mr. Lucio L. Ravier has entered into partnership with Messrs. Quersia and Donarumnia to work the timber forests on the hills from Beagle Channel at Yandegaia to the land concession of the missionary, Rev. Thomas Brydges. One of the conditions of the concession is that Messrs. Ravier must not touch any timber within five kilometers from Ushaia. The timber within that radius is for the inhabitants of that town, free from tax or cost. The company have a capital of $200,000.

"Last month the lugger *Gobernador Basavilbaso*, 600 tons, arrived with machinery and hands for Messrs. Ravier. The lugger belongs to these gentlemen. So far Lapatara may be considered the headquarters of the company, and the spot is very well suited for that purpose, as the forest is thick and the timber of excellent quality. There are two engineers there, and the company have taken in provisions for one year. There are some splendid trees, whose trunks are over a yard in diameter. Lapatara is, moreover, a very good port. The scenery about here is gorgeous. The machinery at present installed can saw and plane 40,000 feet of timber per diem, say, 1,200,000 per month, which, at the minimum valuation of 18 cents, would represent $216,000. This steam-saw concern ought, therefore, to send $2,500,000 worth of timber to Buenos Ayres in one year.

"The timber from the south can advantageously compete for building purposes with pine, and it is much superior to other kinds of timber, particularly for cooper's work, besides having the great advantage of being cheaper. The first consignment of timber goes to Buenos Ayres by the *Gobernador Basavilbaso* towards the end of June. This is the most important business south of Chebut, and we feel rather proud of it."

What variety of timber is here referred to I have not learned, but I presume it is

beech. From a report lately made by me in reference to Tierra del Fuego I quote the following:

"The forests, which extend over a large portion of the country, are quite limited in variety. They contain but five kinds of trees, three of which are species of beech, the other two are winter bark, which resembles the magnolia, and a species of cypress, quite peculiar to the country. Of the beach the most valuable variety is the evergreen, which produces magnificent timber with a diameter of 6 feet and an altitude of 80. The common beech grows to almost equal proportions, while a third species, which is called aromatic, is much smaller, but produces a better wood for planking. The timber of the winter bark, as also that of the cypress, is of little use on account of its small size. The latter, however, is represented to be a most beautiful tree and one of the peculiar charms of the country."

It would be one of the ironies of commerce if Terra del Fuego, which has heretofore been considered as a somewhat useless appendage to South America, should be able to compete with the United States for the lumber trade of Buenos Ayres.

### FISHING INDUSTRY.

There is absolutely nothing to be said in regard to the fishing industry of the Argentine Republic. It can scarcely be considered to exist in this country. I can only repeat that, with immense rivers full of various kinds of excellent food fish and a sea coast of thousands of miles, along which are to be found all varieties of ocean fish, "from whales to oysters," it is a fact that no advantage has yet been taken of these undeveloped resources. To be sure, the markets of this city are sufficiently supplied with fish for the use of the inhabitants, the best varieties coming to us from Montevideo.

### RAILWAYS.

The President in his late message to Congress states that at the end of 1892 there were 12,920 kilometers of railway in operation in the Republic. As there were 12,281 kilometers in operation at the end of 1891, it follows that 639 kilometers were constructed during 1892. During the year now closing, likewise, in spite of the crisis and the revolution, some progress has been made in extending old lines and constructing new ones. A report just issued states that at the end of September, 1893, there were 13,124 kilometers in actual operation, 843 kilometers having been constructed during the year. Of these, 8,616 kilometers belong to the 5-foot 6-inch gauge; 1,020 kilometers to the 4-foot 8½-inch gauge, and 3,489 kilometers to the 3-foot 4-inch gauge.

Of the present railway extension of the country 1,026 kilometers are the property of the nation; 3,774 kilometers are private, but guaranteed by the nation; 6,035 kilometers are provincial, and 2,289 are private without guarantee. The capital invested in these railways is distributed as follows:

| | |
|---|---|
| Railways belonging to the nation | $42,107,500 |
| Railways private with guarantee | 113,633,294 |
| Railways private without guarantee | 224,465,783 |
| Railways provincial | 49,376,340 |
| Total capital represented | 429,582,917 |

The gross receipts of the railways of the country were as follows:

| | |
|---|---|
| National railways | $1,282,595 |
| Guaranteed railways | 10,590,056 |
| Unguaranteed railways | 47,534,406 |
| Provincial railways | 7,571,997 |
| Total receipts | 66,979,054 |

The total expenses of all the lines were subdivided in the following manner:

| | |
|---|---|
| National lines | $1,387,134 |
| Guaranteed lines | 10,440,407 |
| Unguaranteed lines | 23,567,996 |
| Provincial lines | 5,285,754 |
| Total expenses | 40,681,291 |

The net profits of the different lines were as follows:

| | |
|---|---|
| National lines | $256 |
| Guaranteed lines | 2,367,317 |
| Unguaranteed lines | 23,966,410 |
| Provincial lines | 2,286,244 |
| Total | 28,620,227 |

The deficits or losses, after deducting running expenses, were as follows:

| | |
|---|---|
| National lines | $104,796 |
| Guaranteed lines | 1,217,668 |
| Total | 1,322,464 |

The number of passengers carried during the year were as follows:

| | |
|---|---|
| National lines | $169,760 |
| Guaranteed lines | 780,107 |
| Unguaranteed lines | 10,857,775 |
| Provincial lines | 967,159 |
| Total | 12,774,801 |

The amount of cargo in kilograms carried on the different lines was as follows:

| | Kilos. |
|---|---|
| National lines | 211,922,224 |
| Guaranteed lines | 951,955,943 |
| Unguaranteed lines | 4,647,831,647 |
| Provincial lines | 880,559,489 |
| Total | 6,692,269,303 |

In view of the recent extended report made by me in regard to the railways of the Argentine Republic, it is not deemed necessary to go into the detailed workings of each road. The following table gives a comparison of the aggregate figures for the last five years:

| Year. | Opened to traffic. | Capital (gold). | Gross receipts (paper). | Expenses (paper). | Net profits (paper). |
|---|---|---|---|---|---|
| | *Kilometers.* | | | | |
| 1889 | 8,113 | $249,907,000 | $35,250,907 | $24,420,152 | $12,013,676 |
| 1890 | 9,254 | 346,693,000 | 41,157,486 | 27,784,941 | 14,270,122 |
| 1891 | 12,281 | 384,500,000 | 57,435,000 | 39,260,000 | 18,175,000 |
| 1892 | 12,920 | 427,889,000 | 57,299,912 | 33,977,760 | 23,329,146 |
| 1893 | 13,124 | 429,582,917 | 66,979,054 | 40,681,291 | 28,620,227 |

It may be remarked that, after deducting the net profits of the Buenos Ayres Southern, the Buenos Ayres Western, the Buenos Ayres and Enzenada, the Buenos Ayres and Rosario, and the Central Argentine railways from the total amount of profits as above, there is but little left to be divided among the other railways of the country. Though some of the latter are paying less than 2 per cent on the investment, the remainder are losing money. Indeed, the President states that the railways owned by the nation have from the beginning shown a mean deficit of $100,000 annually; while the amount invested, put at 5 per cent interest, "would," as the President states, "show an annual profit of $2,000,000." The running expenses of the very best roads range between 50 and 90 per cent of the gross receipts; those of the national and guaranteed roads run very much over the gross receipts. Of course, in the two latter cases the deficits are paid by the National Government.

It will thus be seen that it is the guaranteed roads—*i. e.*, those to which the Government agreed to pay what was lacking from the receipts to make from 5 to 7 per cent, annually, upon the investments—which are giving the Government the most trouble. These concessions are in the hands of British capitalists and they have managed systematically to make their running expenses so enormous that the national treasury has been annually "bled" to the extent of millions of dollars. It is not surprising, now that the national treasury is empty, that the Government is disgusted with such an arrangement. The President is constrained to say that "whatever may be the benefits derived from railways, this species of railway *fraud* is weighing the Republic down with its burdens." It appears that the total amount which the Government, up to the 30th of June last, has paid on account of railway guarantees reached to $21,691,606 gold; that the sum now annually required to meet these guarantees is $2,564,423; and that if the remaining railways should be built, for which concessions with guarantees have been given, the total amount on account of guarantees which the Government would be called on to pay would reach to $4,807,258, gold, annually. It is not surprising that the Government is at last giving this subject its serious attention, and that there is to be a general overhauling of the guaranteed railways and railway concessions. The President says that "while the Government will comply faithfully with its obligations, it will insist that the companies likewise shall comply with theirs, under the penalty of a rescission of their charters."

The trouble is that the country has been building railways faster than the development of the interior justified; but European capital thought that the "boom" had come to stay; that the deserts and waste places, through which these roads in many cases were built, were at once to be settled and populated; and that railway concessions, especially when they carried a 5 or a 7 per cent guarantee with them, were "good things to have," even if the roads did not pay expenses. The result has been disastrous to the Government and promises to be to the companies.

*The Transandine Railway.*—While Argentine railways generally may be lacking in public interest, the problem of uniting the Atlantic and Pacific oceans by a transandine railway across the Argentine Republic and Chile continues to be watched as an enterprise of special importance by the whole world. For this reason I give from the Buenos Ayres Standard of a recent date, the following article which deals with the history, the present condition, and future prospects of that great project:

"In 1864 Mr. John E. Clark conceived the idea of running a railway across the Andes, and he and his brother Don Mateo drew up and presented the project to the Argentine Congress, shortly after the opening of the Transandine telegraph, which they completed in 1872. The railway then proposed was to cross the Andes via Uspallata. In November, 1872, Congress authorized the Government to call for bids for the construction of the following meter-gauge lines: Buenos Ayres to Mendoza and San Juan; San Juan to Tortoralejos; Tucuman to Jujuy; Mercedes to Corrientes, and railway to Chile. The cost of the last-named was not to exceed $33,000 per kilometer. All these lines were to enjoy a 7 per cent guarantee for twenty years. The bids were opened in July, 1873, Messrs. Clark securing the concessions for the lines from Buenos Ayres to Mendoza and San Juan, and from Mendoza to Chile.

"The maximum cost allowed for the first-named was $14,800, gold, per kilo, and the cost of the Transandine was fixed at $29,700, that is 28 per cent less than the maximum allowed by Congress. The crisis which followed the tremendous land speculation rendered it impossible for Messrs. Clark to raise the requisite capital at that time. In 1877, Congress altered the gauge of the proposed line to Mendoza and San Juan to 1 m. 66, and the maximum cost was raised to $19,500, gold, per kilo, the Government reserving the right to call for bids for the construction of the line from Mercedes or San Luis to Mendoza and San Juan, should the concessionaires not care to build it. The contract was signed in March, 1878, but fresh difficulties supervened. The Government raised money and built the line from Mercedes to Mendoza and San Juan, the concessionaires being under the obligation to purchase the line when finished.

"In 1887 Messrs. Clark purchased the line for the company which is at present working it, and, thanks to the able management of Mr. Jose A. Villaonga, the service is now on a sound and satisfactory footing. Messrs. Clark then built the line from Buenos Ayres to Mercedes, in San Luis. They next turned their attention to the transandine route. They obtained from the Chilean Congress a 7 per cent guarantee on a capital of $3,000,000 gold to build the Chilean section from Santa Rosa de los Andes to the Cumbre, the guarantee to be paid on the line being opened to traffic. This guarantee condition has since been altered by the Chilean Congress, the guarantee being now 4 per cent on a capital of 6,048,000 gold dollars during 20 years, the Chilean section to be completed within five years.

"The Transandine Railway comprises two sections. The Argentine section, which is 175 kilos, say 110 miles, belongs to an English company, formed in London, and the Chilean section, 65 kilometers, say 42 miles, belongs to Messrs. Clark, who are, moreover, the contractors of the Argentine section. The tunnels are twenty in number, the aggregate length being a little over 100 miles, of which 2,500 meters have been pierced on the Argentine side, and 830 on the Chilean section. The most important tunnels are:

| Tunnel. | Length. | Tunnel. | Length. |
|---|---|---|---|
| | *Meters.* | | *Meters.* |
| Las Leñas | 690 | Portillo | 1,885 |
| Navarro | 756 | Juncalillo | 1,275 |
| Cuevas | 850 | Juncal | 1,104 |
| Cumbre | 5,065 | | |
| Calavera | 3,750 | Total | 15,375 |

"The first four are in the Argentine section. The Cumbre tunnel, however, has been reduced to 2,500 meters by Mr. Bagallay, civil engineer, who was out here lately.

"During the winters of 1890 and 1891 Messrs. Clark actively pushed forward the piercing of the tunnels, the snow being no obstacle. The piercing was begun in December, 1889, and in twelve months nearly 2 kilometers were pierced on the Argentine side and 800 meters on the Chilean. The piercing was done by hand, as

Messrs. Clark only installed machinery in 1891, and then the works were suspended. The Portillo tunnel turns like a corkscrew in the mountain. It will be a wonderful work when it is completed. To finish the tunnel it will be necessary to excavate 200,000 cubic meters of rock. The contractors built some forty houses in different parts to protect the workmen against the snow.

"The rails of the Argentine section had reached 62 kilometers when the July revolution broke out in 1890. The crisis then came on and of course caused the works to be prosecuted with less activity. Still the works were pushed forward and this kept a good deal of life in Mendoza during the crucial period of the crisis. The contractors paid every month $200,000 to their workmen, and this capital circulating in Mendoza formed the vital spark which otherwise might have been extinguished. In April, 1891, the rails reached Rio Blanco, 121 kilometers. Thus, in spite of the crisis and other obstacles, two-thirds of the road to the Cumbre had been completed. And it must be borne in mind that all the material was carried on mule-back, a circumstance that indicates the difficulties of the undertaking as well as the energy of the contractors. When the crisis came on the contractors reduced their staff, as it was impossible to raise capital on the guarantee, and the rails were pushed forward only as far as 128 kilometers.

"The works on the Chilean side were inaugurated on the 5th of April, 1889—anniversary of the battle of Maipu—President Balmaceda being sponsor. The rails now reach Salto del Soldado. The works were suspended in 1891, owing to the revolution and the crisis; that is, the personnel was reduced, the contractors pushing forward the works as fast as a limited staff would permit.

"The distance from Buenos Ayres to Valparaiso is 1,420 kilometers, and the distance to be completed in order to join the Chilean with the Argentine rails is only 71 kilometers. The distance from Buenos Ayres to Cumbre is 1,221 kilometers, and the distance from the Cumbre to Valparaiso 199 kilometers. The line is a meter gauge. When the line is completed the traveler may get into a train at the central station and 48 hours afterwards alight in Valparaiso, after a pleasant and comfortable journey through every variety of scenery from the monotony of the plain to the imposing grandeur of the mountain."

Mr. Bagallay, the engineer above referred to, is now in England, and it is intimated that the capital necessary to complete the road on the revised estimates will be arranged and the work pushed forward without further delay. It is proposed to carry on the tunneling operations by manual labor instead of electrical machinery, which requires expensive skilled labor. It is anticipated that the works remaining to be completed can be finished in about three years. The gap, as will be observed, between the rails in Chile and the Argentine Republic is now only about 71 kilometers—say 44 miles.

### PUBLIC WORKS

The financial condition of the nation has not permitted the Government to embark in any new public works during the last year. It has confined itself to such enterprises as were already in process of completion; and even on these the appropriations necessary to keep up a show of work have been limited.

The most important of these public works is the port in front of Buenos Ayres. By the terms of the law under which it was commenced, in 1881, the cost was fixed at $20,000,000 gold. Of this amount $17,600,000 has already been expended, leaving a balance on hand of $2,400,000; but it is not possible to finish the works for any such sum as this. There has been completed the south basin and three lateral docks, all now open to ocean-going vessels; and there remain to be finished the fourth dock and the north basin, besides a channel to connect this basin with the deep waters of the La Plata River. Besides this, the southern channel, which is now in use, will require to be further extended and deepened, as only in high water is it able to pass vessels drawing more than 21 feet of water.

The work of improving the port of Rosario, together with a new mole in front of the city, is nearly completed, and it is expected to assist greatly in keeping the channel on the city side and facilitate the loading and unloading of vessels. A new iron mole has also been built at Corrientes, only lacking the superstructure of woodwork to be opened to public service. Nothing or little has been done with the moles ordered by Congress to be made at Concepcion and Gualeguachie for want of funds; and several other public works for the interior remain in abeyance. The work on the addition to the Government house has been actively continued during the year, and a portion of it is now almost completed. The Government has brought from Paris, and is now reerecting on Plaza San Martin, the iron structures which were used by the Argentine Government during the Exposition there of 1889. They are to be used, I believe, as a fine arts hall and permanent exhibition building. Nothing has yet been done towards the erection of a congressional building, bids and plans for which were asked two years ago.

### THE RIVER COMMERCE TRADE.

The river carrying trade of the Argentine Republic for the year 1892 shows quite a recovery from the depression of the preceding year. The following table gives the aggregate number and tonnage of vessels compared with 1891:

| Class of vessels. | Arrivals. | | Departures. | | Total. | |
|---|---|---|---|---|---|---|
| | *Number.* | *Tons.* | *Number.* | *Tons.* | *Number.* | *Tons.* |
| Sailing vessels | 17,996 | 961,455 | 17,982 | 952,956 | 35,978 | 1,914,111 |
| Steamers | 6,762 | 1,865,657 | 6,164 | 1,596,943 | 12,926 | 3,462,600 |
| Total | 24,758 | 2,827,112 | 24,146 | 2,549,599 | 48,904 | 5,376,711 |
| Total in 1891 | 22,870 | 2,495,342 | 22,910 | 2,398,919 | 45,780 | 4,894,247 |

The average tonnage of sailing vessels on the Argentine rivers in 1891 was 30 tons, and of steamers, 388. The average tonnage of sailing vessels in 1892 was 53½ tons, and of steamers, 276 tons.

The monopoly which for several years a Scotch company held of the entire steam carrying trade of the Argentine rivers was broken up last year by the failure of the company. The creditors have tried to find purchasers of the assets, but in default of this are now running the steamers on their own account; but there is a very general dissatisfaction with the manner in which those in charge have conducted the business, and there are now opposition steamers between Buenos Ayres and Montevideo, between Buenos Ayres and the ports of the Uruguay River, and between Buenos Ayres and the ports of the Parana River as far up as Asuncion. Beyond that point, and as far up the Paraguay River as the Brazilian port of Curumba, the steamers are owned by a Brazilian company. It may be generally said that all the upper river steamers are now commodious, comfortable, and rapid, and passengers receive every attention which would be expected from the best class of ocean-going steamers.

The river commerce is beginning to assume no insignificant proportions, the value for 1892 reaching to $104,128,820. The following, given as a matter of some interest, are the comparative figures for the last ten years:

| | | | |
|---|---|---|---|
| 1883 | $36,650,347 | 1888 | $94,968,486 |
| 1884 | 44,304,876 | 1889 | 89,978,537 |
| 1885 | 48,938,876 | 1890 | 99,520,743 |
| 1886 | 50,899,930 | 1891 | 94,064,131 |
| 1887 | 73,821,583 | 1892 | 104,128,820 |

The value of receipts and shipments of the different ports of the Uruguay and Parana rivers and of the coast for 1892 were as follows:

| Port. | Receipts. | Shipments. | Port. | Receipts. | Shipments. |
|---|---|---|---|---|---|
| Ajo | $1,095,513 | $53,038 | La Paz | $1,818,116 | $2,813,862 |
| Alvear | 258,185 | 62,428 | La Plata | 579,844 | 357,986 |
| Bahia Blanca | 3,174,544 | 197,182 | Mar del Plata | 41,786 | 80,681 |
| Baradero | 251,919 | 416,402 | Monte Caseros | 82,811 | 432,172 |
| Barranqueros | 195,569 | 130,102 | Parana | 3,315,179 | 1,324,236 |
| Bella Vista | 1,720,753 | 475,287 | Paso de los Libres | 446,506 | 92,444 |
| Buenos Ayres | 14,388,224 | 13,817,072 | Posadas | 740,988 | 704,236 |
| Campana | 203,284 | 331,818 | Reconquista | 651,924 | 672,189 |
| Colon | 1,267,204 | 571,549 | Rosario | 1,173,899 | 9,109,721 |
| Concepcion del Uruguay | 2,116,961 | 950,330 | San Jerónimo | 153,088 | 193,882 |
| Concordia | 6,005,371 | 487,161 | San Lorenzo | 38,125 | 532,267 |
| Corrientes | 1,938,182 | 1,336,217 | San Nicolas | 333,796 | 864,829 |
| Chubut | 273,824 | 106,805 | San Pedro | 260,284 | 497,485 |
| Diamanti | 913,477 | 624,496 | Santa Fe | 407,667 | 1,771,562 |
| Empedrado | 227,890 | 217,364 | Santo Tomé | 717,639 | 265,812 |
| Esquina | 524,508 | 440,074 | Victoria | 2,358,370 | 339,933 |
| Formosa | 580,290 | 225,182 | Viedma | 1,494,291 | 1,171,786 |
| Goya | 3,005,321 | 782,208 | Villa Constitucion | 110,462 | 336,484 |
| Gualeguay | 1,747,616 | 270,573 | Zárate | 138,606 | 465,839 |
| Gualeguaichú | 3,860,913 | 376,679 | | | |
| Helvecia | 1,402,081 | 214,415 | Total | 60,015,032 | 44,113,788 |

### INTERNAL MOVEMENT OF COUNTRY PRODUCE.

The quantity and value of the most important articles of native production tra ported on the river and coasting vessels during the year will be seen from the lowing table:

| Articles. | Quantity. | Value. |
|---|---|---|
| Bran ..... tons.. | 6,982 | $209 |
| Alcohol ..... liters.. | 1,939,295 | 96 |
| Pease ..... tons.. | 459 | 22 |
| Starch ..... do... | 53 | 7 |
| Hemp shoes ..... dozens.. | 19,501 | 54 |
| Canary seed ..... tons.. | 36 | 2 |
| Sugar, native ..... do... | 14,403 | 2,358 |
| Lime ..... hectoliters.. | 4,867.988 | 2,535 |
| Charcoal ..... do... | 5,248,549 | 5,248 |
| Barley ..... tons.. | 513 | 12 |
| Timber sleepers ..... number.. | 108,208 | 324 |
| Brooms ..... dozens.. | 3,417 | 5 |
| Wooden beams ..... number.. | 330,074 | 42 |
| Macaroni ..... tons.. | 590 | 108 |
| Hard bread ..... do... | 843 | 75 |
| Biscuit ..... do... | 330 | 198 |
| Flour ..... do... | 31,761 | 1,588 |
| Soap ..... do... | 2,204 | 330 |
| Wood for fuel ..... packages.. | 239,634,871 | 1,198 |
| Cedar woods ..... square meters.. | 1,387,930 | 1,110 |
| Quebracho woods ..... do... | 368,775 | 193 |
| Corn, shelled ..... tons.. | 1,600,165 | 3,203 |
| Peanuts ..... do... | 9,926 | 496 |
| Fence posts, split ..... number.. | 1,577,175 | 473 |
| Potatoes ..... tons.. | 38,028 | 1,901 |
| Raisins ..... do... | 147 | 44 |
| Baled hay ..... do... | 5,128 | 51 |
| Beans ..... do... | 832 | 49 |
| Posts, unsplit ..... number.. | 785,544 | 392 |
| Cheese ..... tons.. | 258 | 257 |
| Quebracho chips ..... do... | 23,416 | 468 |
| Salt ..... hectoliters.. | 2,208,742 | 1,369 |
| Linseed ..... tons.. | 61,186 | 3,671 |
| Other seeds ..... do... | 271 | 13 |
| Tanned hides ..... number.. | 67,680 | 406 |
| Tobacco ..... tons.. | 5,408 | 811 |
| Wheat ..... do... | 279,336 | 11,173 |
| Wine ..... liters.. | 1,547,444 | 232 |
| Yerba-mate ..... tons.. | 2,953 | 413 |
| Gypsum ..... do... | 9,686 | 154 |

It will be borne in mind that these are exclusively products of the country, s they illustrate what I have already said in regard to the increased agricultural s industrial movement which is taking place in the interior of the Argentine Repub

### TRANSIT TRADE.

The transit trade of this country with Bolivia, Paraguay, and Uruguay is scarc worth noting. From the large proportions of former years it has fallen off u there is now hardly anything left of it.

The following are the figures for 1892:

| Country. | Egress. | Ingress. | Tot |
|---|---|---|---|
| Bolivia ..... | $63,162 | $49,643 | $112 |
| Brazil ..... | 64,768 | 20,816 | 85 |
| Chile ..... | 931 | 700 | 1 |
| Paraguay ..... | 193,053 | 127,113 | 320 |
| Uruguay ..... | 337,235 | 74,943 | 412 |
| Total ..... | 659,149 | 273,215 | 932 |

The Bolivian transit trade continues to be effected through the Rosario cust house; that of Brazil through the Concordia custom-house, and that of Paraguay Uruguay through the Buenos Ayres custom-house.

It is very evident that the foreign trade of Bolivia, now that its relations w Chile have assumed a normal condition, is once more conducted almost exclusiv by the Pacific coast. And in regard to that of Paraguay, there are now such ur

relations established between that country and Europe that the egress and ingress of merchandise is for the most part direct, without passing, as heretofore, through an Argentine custom-house.

FOREIGN NAVIGATION.

The returns of the foreign carrying trade of the Argentine Republic for 1892 show some improvement on those for the preceding year, at least in the matter of tonnage. The following table gives the aggregate number of arrivals and departures of sailing vessels and steamers:

| Class of vessels. | Arrivals. | | Departures. | | Total. | |
|---|---|---|---|---|---|---|
| | *Number.* | *Tons.* | *Number.* | *Tons.* | *Number.* | *Tons.* |
| Sailing vessels | 2,650 | 710,122 | 2,320 | 661,054 | 4,970 | 1,371,176 |
| Steamers | 7,298 | 5,336,705 | 6,864 | 5,179,070 | 14,162 | 10,515,775 |
| Total | 9,948 | 6,046,827 | 9,184 | 5,840,124 | 19,132 | 11,886,951 |
| Total in 1891 | 10,865 | 5,275,092 | 9,190 | 4,673,847 | 19,995 | 9,948,941 |

As a matter of some interest, I give in the following table the arrivals of sailing vessels and steamers with their tonnage, respectively, during the last ten years:

| Year. | Vessels. | | | Tonnage. | | |
|---|---|---|---|---|---|---|
| | Sailing. | Steam. | Total. | Sailing. | Steam. | Total. |
| 1883 | 3,445 | 3,626 | 7,071 | 517,070 | 1,437,018 | 1,954,088 |
| 1884 | 5,231 | 5,745 | 10,976 | 733,659 | 2,278,704 | 3,012,363 |
| 1885 | 4,908 | 6,671 | 11,579 | 771,583 | 2,829,726 | 3,601,309 |
| 1886 | 4,727 | 6,088 | 11,015 | 764,238 | 2,751,052 | 3,515,290 |
| 1887 | 5,694 | 6,607 | 12,301 | 1,010,731 | 3,460,870 | 4,471,601 |
| 1888 | 7,558 | 5,935 | 13,473 | 1,192,852 | 3,692,922 | 4,885,777 |
| 1889 | 8,222 | 6,223 | 14,445 | 1,675,345 | 5,036,341 | 6,711,686 |
| 1890 | 6,826 | 7,047 | 13,873 | 1,288,240 | 5,052,715 | 6,340,955 |
| 1891 | 3,496 | 7,369 | 10,865 | 697,519 | 4,577,575 | 5,275,094 |
| 1892 | 2,650 | 7,298 | 9,948 | 710,122 | 5,336,705 | 6,046,827 |

It will be observed that in the last ten years, while there has been no important change in the number or tonnage of sailing vessels arriving from foreign ports, the number of steamers has doubled, and that the steam tonnage is four times greater than then, while the total tonnage has increased about 30 per cent.

The following tables, compiled from the returns of the National Statistical Office, show the arrivals from and the departures to each country; the arrivals at and departures from each port of the Argentine Republic, and the arrivals and departures according to flag:

*Arrivals from and departures to each country in 1892.*

| Countries. | Arrivals. | | | | Departures. | | | |
|---|---|---|---|---|---|---|---|---|
| | Sailing vessels. | | Steamers. | | Sailing vessels. | | Steamers. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Germany | 8 | 5,579 | 183 | 279,017 | 12 | 6,006 | 170 | 265,921 |
| Antilles | 6 | 2,631 | ..... | ..... | 64 | 31,193 | ..... | ..... |
| Australia | ..... | ..... | ..... | ..... | 3 | 3,318 | ..... | ..... |
| Belgium | 7 | 4,407 | 70 | 97,575 | 10 | 8,506 | 69 | 98,728 |
| Brazil | 182 | 35,192 | 250 | 104,205 | 301 | 74,865 | 301 | 154,700 |
| Canada | 23 | 13,919 | ..... | ..... | ..... | ..... | ..... | ..... |
| Chile | ..... | ..... | 17 | 28,426 | 20 | 19,545 | 3 | 3,939 |
| Spain | 47 | 21,015 | 22 | 26,381 | 4 | 2,310 | 23 | 31,800 |
| United States | 179 | 119,828 | 20 | 28,268 | 112 | 72,206 | 3 | 4,042 |
| France | 19 | 9,321 | 100 | 213,047 | 12 | 8,062 | 117 | 233,873 |
| Italy | 3 | 1,742 | 106 | 197,495 | 17 | 7,808 | 85 | 160,487 |
| Paraguay | 245 | 36,655 | 1,547 | 946,545 | 149 | 29,281 | 1,495 | 946,778 |
| Portugal | ..... | ..... | ..... | ..... | 1 | 624 | 48 | 59,054 |
| Great Britain | 294 | 227,140 | 449 | 690,759 | 371 | 246,442 | 274 | 430,810 |
| Uruguay | 1,563 | 190,606 | 4,496 | 2,705,769 | 1,206 | 111,558 | 4,097 | 2,638,771 |
| All other countries | 74 | 42,087 | 38 | 19,218 | 96 | 44,230 | 179 | 150,167 |
| Total | 2,650 | 710,122 | 7,298 | 5,336,705 | 2,378 | 660,954 | 6,864 | 5,179,070 |

*Arrivals and departures from each port in 1892.*

| Ports. | Arrivals. | | | | Departures. | | | |
|---|---|---|---|---|---|---|---|---|
| | Sailing vessels. | | Steamers. | | Sailing vessels. | | Steamers. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Bella Vista | | | 246 | 151,589 | | | 261 | 158,147 |
| Bahia Blanca | 6 | 4,213 | | | 14 | 9,289 | | |
| Buenos Ayres | 1,551 | 471,750 | 1,920 | 1,735,183 | 1,245 | 311,789 | 1,449 | 1,433,644 |
| Campana | 37 | 12,780 | 32 | 17,744 | 16 | 4,847 | 35 | 23,478 |
| Colon | 55 | 5,870 | 654 | 428,788 | 24 | 2,888 | 668 | 443,044 |
| Concepcion del Uruguay | 84 | 3,422 | 362 | 233,748 | 66 | 2,584 | 334 | 216,738 |
| Concordia | 148 | 7,086 | 723 | 450,975 | 142 | 7,129 | 698 | 419,472 |
| Corrientes | 26 | 894 | 283 | 167,010 | 25 | 1,607 | 209 | 131,521 |
| Diamante | | | 140 | 106,610 | | | 186 | 129,623 |
| Empedrado | | | 122 | 108,914 | | | 138 | 118,977 |
| Esquina | | | 241 | 157,789 | | | 262 | 163,869 |
| Formosa | | | 233 | 138,330 | | | 256 | 142,074 |
| Goya | | | 283 | 175,851 | | | 295 | 180,959 |
| Gualeguay | 12 | 1,799 | | | 15 | 1,730 | | |
| Gualeguaychu | 82 | 5,773 | 485 | 248,264 | 58 | 6,089 | 494 | 260,717 |
| La Paz | 67 | 43,155 | 193 | 118,885 | 72 | 41,549 | 220 | 132,063 |
| La Plata | 109 | 64,759 | 55 | 78,975 | 147 | 76,088 | 100 | 143,689 |
| Monte Caseros | 25 | 661 | 37 | 4,134 | 23 | 515 | 4 | 446 |
| Parana | 14 | 887 | 260 | 159,386 | 13 | 1,265 | 257 | 160,236 |
| Paso de los Libres | 22 | 240 | | | 19 | 190 | | |
| Posadas | 32 | 361 | | | 32 | 344 | | |
| Rosario | 281 | 75,281 | 519 | 437,844 | 361 | 167,507 | 461 | 437,350 |
| San Nicolas | 33 | 3,261 | 182 | 202,412 | 33 | 13,820 | 146 | 205,700 |
| Santa Fe | 11 | 1,414 | 15 | 16,783 | 13 | 1,999 | 8 | 3,560 |
| Villa Constitucion | 13 | 1,025 | | | 1 | 27 | | |
| Zarate | 6 | 3,360 | 17 | 21,887 | 5 | 2,423 | 15 | 26,437 |
| All other ports | 36 | 2,111 | 296 | 175,604 | 54 | 7,275 | 374 | 256,826 |
| Total | 2,650 | 710,122 | 7,298 | 5,336,705 | 2,378 | 660,954 | 6,864 | 5,179,070 |

*Arrivals and departures according to flag in 1892.*

| Flag. | Arrivals. | | | | Departures. | | | |
|---|---|---|---|---|---|---|---|---|
| | Sailing vessels. | | Steamers. | | Sailing vessels. | | Steamers. | |
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| German | 69 | 44,328 | 219 | 320,292 | 65 | 36,465 | 181 | 280,439 |
| Austrian | 14 | 8,592 | | | 17 | 10,037 | | |
| Belgian | | | 12 | 20,832 | | | 13 | 21,445 |
| Brazilian | 29 | 4,500 | 379 | 105,518 | 57 | 4,893 | 359 | 107,276 |
| Danish | 15 | 6,921 | | | 18 | 5,988 | | |
| Spanish | 49 | 17,006 | 15 | 19,259 | 45 | 15,582 | 15 | 24,888 |
| French | 8 | 3,812 | 99 | 211,795 | 4 | 1,513 | 88 | 182,880 |
| Dutch | 5 | 4,154 | | | 6 | 8,304 | | |
| British | 440 | 255,955 | 2,388 | 2,467,927 | 272 | 204,600 | 2,198 | 2,408,643 |
| Italian | 113 | 57,663 | 99 | 185,424 | 120 | 65,309 | 102 | 184,644 |
| Argentine | 1,202 | 116,877 | 3,137 | 1,555,487 | 1,100 | 118,242 | 2,989 | 1,559,157 |
| American | 76 | 50,866 | | | 93 | 50,313 | | |
| Norwegian | 184 | 102,358 | | | 196 | 106,495 | | |
| Paraguayan | 48 | 1,977 | 9 | 90 | 86 | 3,652 | 8 | 80 |
| Russian | 7 | 4,428 | | | 5 | 2,942 | | |
| Swedish | 32 | 13,879 | 7 | 1,783 | 27 | 12,739 | 7 | 904 |
| Uruguayan | 356 | 16,842 | 893 | 425,298 | 284 | 13,454 | 863 | 387,977 |
| Not named | 3 | 464 | 40 | 23,430 | 2 | 421 | 41 | 20,737 |
| Total | 2,650 | 710,122 | 7,298 | 5,336,705 | 2,378 | 660,954 | 6,864 | 5,179,070 |

It will be seen from these tables that in 1892 the arrivals from the United States comprised 179 sailing vessels and 20 steamers, with a total tonnage of 148,096 tons. In 1891 the arrivals from the United States were 131 sailing vessels and 8 steamers, with a total tonnage of 102,532 tons. So that there is an increase of about 45,000 tons in favor of 1892.

It will further be observed that in 1892 the number of arrivals of sailing vessels carrying the United States flag was 76. In 1891 the number was 41—a gain of 35 vessels. There were no arrivals during 1892 of steamers carrying the United States flag; all the steamers engaged in the American trade belonging to Great Britain.

### THE ACTUAL OCEAN TONNAGE.

There is one thing in the foregoing navigation tables, somewhat deceptive, to which it may be well to call attention, and that is, that they include all the craft on the La Plata, the Uruguay and the Paraná rivers, trading with Uruguay and Paraguay. To comprehend clearly the proportions of the ocean commerce of the Argentine Republic, all such craft should be deducted. The following table would more accurately state the case:

*Arrivals of vessels from foreign ports.*

| Craft. | From Uruguay. | | From Paraguay. | | From ocean ports. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| Sailing vessels | 1,563 | 190,606 | 245 | 86,655 | 842 | 556,171 |
| Steamers | 4,496 | 2,705,769 | 1,547 | 946,545 | 1,255 | 1,714,371 |
| Total | 6,059 | 3,906,375 | 1,792 | 983,200 | 2,097 | 2,270,542 |

Separating in this manner the foreign navigation of the Argentine Republic, and deducting from the totals the river craft which make regular trips between Montevideo, Buenos Ayres, and Asuncion, and it will be seen that the actual, legitimate ocean navigation of this country comes to be rather a small matter, the whole of it indeed being only one-third as large as that with Uruguay alone, and not very much larger than that with the insignificant Republic of Paraguay.

### FOREIGN COMMERCE.

The total foreign trade of the Argentine Republic for the year 1892 was $204,851,500, against $157,931,001, an increase of $46,920,499. The imports were $91,481,163, being an increase over the previous year of $24,273,383. The exports were $113,370,337, being an increase over the previous year of $13,647,116. The exports of 1892 exceeded the imports by $21,889,174.

That the course of the foreign trade of the country may be seen at a glance by those who are interested in its details, I give the following table, compiled from the returns made by the national statistical office, of the imports and exports since 1873:

| Years. | Imports. | Exports. | Total. |
|---|---|---|---|
| 1873 | $73,434,088 | $47,398,291 | $120,832,329 |
| 1874 | 57,826,549 | 44,541,536 | 102,368,045 |
| 1875 | 57,624,481 | 52,009,113 | 109,633,594 |
| 1876 | 36,070,023 | 48,090,713 | 85,160,736 |
| 1877 | 49,443,424 | 44,769,944 | 94,213,368 |
| 1878 | 43,759,125 | 37,523,771 | 81,362,896 |
| 1879 | 46,393,593 | 49,357,558 | 95,751,151 |
| 1880 | 45,535,880 | 58,380,787 | 103,916,667 |
| 1881 | 55,705,927 | 57,988,272 | 113,644,199 |
| 1882 | 61,246,045 | 60,388,939 | 121,634,984 |
| 1883 | 80,435,828 | 60,207,976 | 140,643,804 |
| 1884 | 94,056,144 | 68,029,836 | 162,085,980 |
| 1885 | 92,221,969 | 83,879,100 | 176,101,069 |
| 1886 | 95,408,745 | 69,834,841 | 165,243,586 |
| 1887 | 117,352,125 | 84,421,820 | 201,773,945 |
| 1888 | 128,412,110 | 100,111,903 | 228,524,013 |
| 1889 | 164,569,884 | 90,145,355 | 287,384,941 |
| 1890 | 142,240,812 | 100,818,993 | 243,059,805 |
| 1891 | 67,207,780 | 99,723,221 | 170,426,780 |
| 1892 | 91,481,163 | 113,370,337 | 204,851,500 |
| Total | $1,600,425,645 | $1,370,942,306 | $2,971,367,951 |

Referring to this table, Dr. Latzina, of the statistical office, calls attention to the fact that during the last twenty years the value of the imports has exceeded that of the exports by $229,483,339 gold. In other words, he says that "such portion of the imports as has not been able to be paid by the exports has had to be paid by the proceeds of foreign loans which have been effected during that period." This may not, of course, be literally true; but it is a significant fact that the amount of the foreign debt which has been contracted during the last twenty years just about corresponds to this balance of trade against the country.

IMPORTS OF 1892 COMPARED WITH 1891.

The imports of 1892, compared with those of 1891, may be generally classified as follows:

| Articles. | 1891. | 1892. |
|---|---|---|
| Live stock | $150,594 | $385,315 |
| Articles of food | 8,223,256 | 12,683,560 |
| Liquors | 3,687,198 | 6,040,155 |
| Tobacco and cigars | 457,462 | 632,039 |
| Textile goods | 14,856,376 | 30,618,336 |
| Ready-made clothing | 2,333,421 | 4,302,824 |
| Drugs and chemicals | 2,405,485 | 4,026,640 |
| Lumber and woodenware | 2,360,447 | 3,712,355 |
| Paper and its applications | 1,574,956 | 2,087,956 |
| Leather and its applications | 426,293 | 622,112 |
| Iron and its applications | 4,517,420 | 10,339,363 |
| Materials for constructions | 17,881,096 | 3,545,625 |
| Various metals and their applications | 844,851 | 1,140,753 |
| Glassware and ceramic products | 1,202,952 | 1,618,790 |
| Articles for light and fuel | 4,143,808 | 6,095,642 |
| Manufactured articles not named | 2,127,503 | 3,000,013 |
| Total | 67,207,780 | 91,481,163 |

The imports of 1891, the smallest in ten years, show the effects of the late crisis, and the increase of the imports for 1892 indicates that the worst has passed; that the reaction has set in, and that the foreign trade is getting back to its old figures

EXPORTS OF 1892 COMPARED WITH 1891.

The different items of export of 1892, compared with those of 1891, are as follows:

| Articles. | 1891. | 1892. |
|---|---|---|
| Pastoral products | $68,797,059 | $76,249,684 |
| Agricultural products | 18,425,573 | 26,750,366 |
| Industrial products | 4,150,431 | 5,032,512 |
| Forestal products | 2,145,510 | 1,066,819 |
| Mineral products | 1,355,313 | 652,603 |
| Products of the chase | 1,064,699 | 515,703 |
| Animal and vegetable refuse | 1,286,696 | 1 743,454 |
| Unenumerated articles | 1,739,028 | 797,791 |
| Ship stores | 758,942 | 561,105 |
| Total | 99,723,221 | 113,370,337 |

The exports of 1892 are not only a very gratifying increase over those of 1891, but, what is even more significant, considering that the export trade was more or less affected by the general depression, is the fact that the figures are the largest in the history of the country. All of which shows that the productive energies of the nation so far from being in sympathy with the financial troubles of the Government, are in a healthy condition, with a satisfactory outlook.

IMPORTS AND EXPORTS ACCORDING TO CUSTOM-HOUSE.

The following table, compiled from the returns of the national statistical office, shows the imports, exports, and total commerce of each custom-house in the country:

*Table showing the commerce of each custom-house in 1892.*

| Custom-house. | Imports. | Exports. | Total. |
|---|---|---|---|
| Ajo | $1,973 | $183,313 | $185,286 |
| Alvear | ---------- | 5,050 | 5,050 |
| Bahia Blanca | 118,230 | 3,472,684 | 3,590,914 |
| Baradero | 1,598 | 27,827 | 29,425 |
| Bella Vista | 948 | 3,590 | 4,538 |
| Buenos Aires | 77,102,423 | 72,630,104 | 149,732,527 |
| Campana | 533,793 | 820,148 | 1,353,941 |
| Colon | 113,020 | 447,301 | 560,321 |
| Concepcion del Uruguay | 28,045 | 248,951 | 276,996 |
| Concordia | 204,052 | 1,521,318 | 1,725,370 |
| Corrientes | 107,032 | ---------- | 107,032 |
| Diamante | 75 | 81,760 | 81,835 |
| Esquina | ---------- | 11,466 | 11,466 |
| Formosa | 1,841 | 2,400 | 4,241 |
| Goya | 49,585 | 31,455 | 81,040 |
| Gualeguay | 35,330 | 436,762 | 472,092 |
| Gualeguaychu | 124,541 | 852,458 | 976,999 |
| Helvecia | 7,008 | 1,014,376 | 1,021,384 |
| Jujuy | 52,620 | 343,251 | 395,871 |
| La Paz | 11,062 | 252,172 | 263,234 |
| La Plata | 2,597,907 | 4,719,488 | 7,317,395 |
| Mendoza | 12,017 | 1,469,633 | 1,481,650 |
| Monte Caseros | 10,002 | 210,062 | 220,064 |
| Oran | 1,075 | 7,687 | 8,762 |
| Parana | 174,992 | 249,326 | 424,318 |
| Paso de los Libres | 17,213 | 58,681 | 75,894 |
| Patagones (Viedma) | ---------- | 451,058 | 451,058 |
| Rosario | 8,999,359 | 14,702,537 | 23,701,896 |
| Salta | 39,784 | 211,451 | 251,235 |
| Santa Fe | 360,782 | 586,430 | 947,212 |
| San Juan | 190 | 445,570 | 445,760 |
| San Lorenzo | ---------- | 579,292 | 579,292 |
| San Nicolas | 195,805 | 4,610,330 | 4,806,135 |
| San Pedro | 32,602 | 841,996 | 874,598 |
| Santo Tome | 34,093 | 40,979 | 75,072 |
| Trinchera San Jose | 13,697 | 666 | 14,363 |
| Villa Constitucion | 31,179 | 541,816 | 572,995 |
| Zarate | 467,290 | 1,256,949 | 1,724,239 |
| Total | 91,481,163 | 113,370,337 | 204,851,500 |

The imports of Buenos Ayres, the principal entry port of the country, show an increase of $30,091,829 over those of 1891, and the exports an increase of $8,200,696; while the total commerce is $38,292,525 greater than in 1891. There is very little change in the figures for Rosario, the second port in the country, compared with those of the previous year.

### IMPORTS AND EXPORTS BY COUNTRIES.

The following table, also compiled from the returns of the national statistical office, gives the imports, exports, and total trade for 1892 of each country having commercial relations with the Argentine Republic:

*Imports and exports according to nationality for 1892.*

| Countries. | Imports. | Exports. | Total. |
|---|---|---|---|
| Africa | | $10,160 | $10,160 |
| Germany | $10,676,513 | 16,635,103 | 27,311,616 |
| Antilles | | 1,254,714 | 1,254,714 |
| Austria | | 3,029 | 3,029 |
| Belgium | 6,646,838 | 14,672,427 | 21,319,265 |
| Bolivia | 54,839 | 506,393 | 561,332 |
| Brazil | 2,107,188 | 10,462,538 | 12,569,726 |
| Chile | 71,420 | 1,993,567 | 2,064,987 |
| Spain | 2,179,259 | 2,412,485 | 4,591,744 |
| United States | 7,376,583 | 4,831,454 | 12,208,037 |
| France | 10,425,865 | 26,438,097 | 36,863,962 |
| Italy | 8,412,941 | 4,343,066 | 12,756,007 |
| Holland | 149,106 | 6,700 | 155,806 |
| Paraguay | 1,987,887 | 334,762 | 2,322,649 |
| Portugal | 24,007 | 114,373 | 138,380 |
| Great Britain | 35,835,492 | 19,720,513 | 55,556,005 |
| Sweden and Norway | 14,694 | 74,856 | 89,550 |
| Uruguay | 3,721,491 | 3,132,567 | 6,859,058 |
| Countries not designated | 1,792,040 | 6,423,533 | 8,215,573 |
| Total | 91,481,163 | 113,370,337 | 204,851,500 |

Comparing these returns with those of 1891, the imports of Great Britain show an increase of $7,532,082; those of France of $147,255; those of Germany of $4,469,941; those of Belgium of $271,970, and those of the United States of $3,930,679.

It further appears that, compared with 1891, the exports to Great Britain have increased $5,652,949; those to France, $2,395,837; those to Germany, $4,487, and those to the United States $838,594, while those to Belgium are $2,175,418 less.

The total trade of Great Britain with the Argentine Republic for 1892 is $10,445,383 greater than it was in 1891; that of France is $4,896,402 greater; that of Germany is $9,483,146 greater, and that of the United States is $4,537,631 greater, while that of Belgium is $3,186,390 less.

### DETAILS OF THE IMPORTS AND EXPORTS FOR 1892.

In the following tables, which I have compiled and translated from the return published by the national statistical office, will be found the quantity and customs house value of all articles imported into and exported from the Argentine Republic during the year 1892:

IMPORTS.

| Articles. | Quantity. | Official value. |
|---|---|---|
| LIVE STOCK. | | |
| Asses ..... No.. | 8 | $500 |
| Horses and mares ..... do.... | 187 | 32,065 |
| Hogs ..... do.... | 206 | 16 550 |
| Sheep ..... do.... | 82,982 | 312,015 |
| Cattle ..... do.... | 85 | 24,185 |
| Total ..... | ..... | 385,315 |
| COMESTIBLES. | | |
| Olive oil ..... kilos. | 5,967,556 | 1,969,293 |
| Olives ..... do.... | 252,010 | 38,472 |
| Starch ..... do.... | 518,130 | 103,549 |
| Rice ..... do.... | 15,220,221 | 1,217,613 |
| Saffron ..... do.... | 1,161 | 29,025 |
| Sugar: | | |
| Refined ..... do.... | 18,324,045 | 3,481,573 |
| All other classes ..... do.... | 1,447,581 | 188,205 |
| Codfish ..... do.... | 611,434 | 98,507 |
| Cocoa ..... do.... | 112,834 | 22,567 |
| Coffee ..... do.... | 2,654,679 | 747,618 |

IMPORTS IN 1892—Continued.

| Articles. | | Quantity. | Official value. |
|---|---|---|---|
| COMESTIBLES—continued. | | | |
| Cinnamon | kilos. | 22,017 | $6,521 |
| Meats, not otherwise classified | do. | 21,595 | 15,408 |
| Barley | do. | 67,306 | 5,941 |
| Chocolate | do. | 60,507 | 60,507 |
| Coca | do. | 60,742 | 42,519 |
| Confectionery | do. | 82,714 | 41,120 |
| Spices and condiments, not otherwise classified | do. | 640,757 | 173,340 |
| Farina | do. | 2,011,425 | 100,574 |
| Fecula | do. | 77,867 | 18,313 |
| Macaroni | do. | 21,834 | 4,386 |
| Fruits: | | | |
| Fresh | | | 72,925 |
| Dried and canned | kilos. | 1,156,009 | 163,983 |
| Flour, wheat | do. | 5,160 | 415 |
| Flour, other than wheat | do. | 88,378 | 16,335 |
| Hams | do. | 59,444 | 32,099 |
| Vegetables, dried and preserved | do. | 1,051,500 | 114,395 |
| Butter | do. | 1,186 | 616 |
| Lard | do. | 53,035 | 16,442 |
| Honey | do. | 4,550 | 695 |
| Biscuits, crackers, etc | do. | 11,782 | 3,507 |
| Figs | do. | 201,663 | 31,059 |
| Raisins | do. | 260,077 | 52,001 |
| Fish, dried and canned | do. | 419,317 | 124,220 |
| Cheese | do. | 317,684 | 158,845 |
| Salt | do. | 372,414 | 18,621 |
| Sausages | do. | 3,992 | 2,812 |
| Tea | do. | 814,791 | 814,791 |
| Bacon | do. | 581 | 291 |
| Wheat | do. | 4,635 | 185 |
| Yerba: | | | |
| Paraguayan | do. | 8,929,946 | 1,250,192 |
| All other kinds | do. | 14,279,622 | 1,427,962 |
| Total | | | 12,683,560 |
| LIQUORS. | | | |
| Mineral waters, etc., in bottles | dozens. | 31,134 | 50,249 |
| Absinthe: | | | |
| In bottles | do. | 4,876 | 24,380 |
| In casks | liters. | 31,053 | 12,110 |
| Alcohol: | | | |
| In bottles | dozens. | 3,806 | 19,567 |
| In casks | liters. | 65,087 | 10,184 |
| Bitters: | | | |
| In bottles | dozens. | 49,515 | 297,050 |
| In casks | liters. | 13,803 | 5,521 |
| Caña, in casks | do. | 7,344 | 1,102 |
| Beer: | | | |
| In casks | do. | 25 | 4 |
| In bottles | dozens. | 3,829 | 8,919 |
| Chartreuse, in bottles | do. | 1,324 | 19,860 |
| Cider: | | | |
| In bottles | do. | 262 | 550 |
| In casks | liters. | 485 | 174 |
| Brandy: | | | |
| In casks | do. | 30,404 | 10,946 |
| In bottles | dozens. | 17,676 | 88,380 |
| Gin: | | | |
| In bottles | do. | 2,115 | 6,345 |
| In casks | liters. | 125,688 | 19,687 |
| Sirups and cordials | | | 1,842 |
| Rums: | | | |
| In bottles | dozens. | 1,362 | 8,172 |
| In casks | liters. | 14,810 | 5,923 |
| Wines: | | | |
| Champagne, in bottles | dozens. | 3,536 | 28,288 |
| Sherry: | | | |
| In bottles | do. | 472 | 3,780 |
| In casks | liters. | 16,419 | 8,539 |
| Port: | | | |
| In bottles | dozens. | 2,703 | 21,624 |
| In casks | liters. | 42,041 | 21,862 |
| Bordeaux: | | | |
| In bottles | dozens. | 852 | 6,816 |
| In casks | liters. | 15,363,808 | 1,536,381 |
| All other classes: | | | |
| In bottles | dozens. | 5,079 | 22,413 |
| In casks | liters. | 96,513,388 | 3,654,535 |

IMPORTS IN 1892—Continued.

| Articles. | | Quantity. | Official value. |
|---|---|---|---|
| **LIQUORS—continued.** | | | |
| Vermuth: | | | |
| In bottles | dozens | 24,029 | $120,145 |
| In casks | liters | 2,242 | 732 |
| Vinegar: | | | |
| In casks | do | 15,784 | 1,105 |
| In bottles | dozens | 151 | 227 |
| Whisky: | | | |
| In casks | liters | 23,353 | 9,340 |
| In bottles | dozens | 3,191 | 13,403 |
| Total | | | 6,040,155 |
| **TOBACCO.** | | | |
| Cigars: | | | |
| Havana | kilos | 1,581 | 8,908 |
| All other kinds | do | 25,501 | 33,058 |
| Cigarettes, all kinds | do | 202 | 404 |
| Tobacco: | | | |
| Leaf, Havana | do | 1,170 | 702 |
| Leaf, all other kinds | do | 5,462,411 | 588,401 |
| Fine-cut, all kinds | do | 212 | 136 |
| Total | | | 632,039 |
| **SPUN AND WOVEN GOODS.** | | | |
| Matting | meters | 42,826 | 14,966 |
| Frieze | kilos | 19,517 | 8,204 |
| Carpeting | do | 141,438 | 120,011 |
| Raw cotton | do | 149,589 | 80,400 |
| Pack cloth | do | 15,798,954 | 3,159,789 |
| Bramant | do | 2,095,990 | 1,676,787 |
| Baize | do | 7,345 | 11,019 |
| Sailcloth | do | 267,566 | 237,253 |
| Cassimeres: | | | |
| Wool | do | 962,255 | 2,116,936 |
| Mixed | do | 1,463,156 | 1,463,156 |
| Ribbon: | | | |
| Silk | do | 4,977 | 39,003 |
| Other kinds | do | 64,867 | 120,749 |
| Cord: | | | |
| Silk | do | 909 | 6,045 |
| Other kinds | do | 2,801 | 4,372 |
| Edging and insertion | do | 59,084 | 305,830 |
| Tow cloth | do | 123,828 | 22,388 |
| Blankets: | | | |
| Woolen | do | 625 | 1,563 |
| Other kinds | do | 139,089 | 105,200 |
| Flannels: | | | |
| Woolen | do | 218,633 | 612,159 |
| Other kinds | do | 10,366 | 20,732 |
| Thread: | | | |
| Pack | do | 138,407 | 52,578 |
| Common sewing, in spools | dozen | 1,300,859 | 225,613 |
| Tailors' | kilos | 429,575 | 77,322 |
| Silk | do | 5,708 | 86,312 |
| Yarn | do | 203,578 | 231,751 |
| Impermeable cloth | do | 181,832 | 78,946 |
| Rope | do | 803,067 | 154,693 |
| Canvas | do | 1,200,449 | 583,732 |
| Lamp wicks | do | 112,828 | 64,493 |
| Billiard cloth | do | 3,331 | 13,324 |
| Houseline and twine | do | 3,246,979 | 1,289,485 |
| Hemp | do | 259,128 | 18,948 |
| Soles for alpargata shoes | do | 44,400 | 13,319 |
| Prunella cloth | do | 3,428 | 6,222 |
| Felt | | | 5,410 |
| Lace: | | | |
| Gold and silver | | | 9,622 |
| Wool, silk, and cotton | kilos | 3,825 | 16,259 |
| Cotton goods, not otherwise classified | do | 13,648,299 | 11,383,959 |
| Hempens goods, not otherwise classified | do | 1,415 | 708 |
| Linen goods, not otherwise classified | do | 305,865 | 389,397 |
| Woolen goods, not otherwise classified | do | 455,086 | 1,222,123 |
| Mixed goods, not otherwise classified | do | 321,007 | 845,464 |
| Silk goods, not otherwise classified | do | 29,319 | 457,753 |
| Jute goods, not otherwise classified | do | 158,593 | 68,633 |
| Velvet, silk | do | 177 | 3,540 |
| Gutta percha goods | do | 39,159 | 94,805 |
| Chintz, and calicoes | do | 3,097,357 | 3,097,357 |
| Total | | | 30,618,336 |

IMPORTS IN 1892—Continued.

| Articles. | Quantity. | Official value. |
|---|---|---|
| CLOTHING. | | |
| Shirts ..... dozens.. | 645 | $9,337 |
| Chemises ..... do.... | 143 | 2,022 |
| Undershirts: | | |
| Silk ..... kilos.. | 120 | 3,000 |
| Other kinds ..... dozens.. | 521 | 2,285 |
| Drawers: | | |
| Silk ..... kilos.. | 10 | 250 |
| Other kinds ..... dozens.. | 3,416 | 7,513 |
| Do ..... kilos.. | 163 | 1,552 |
| Cravats ..... dozens.. | 1,157 | 3,845 |
| Dressing gowns, etc ..... do.... | 1,268 | 3,999 |
| Collars and cuffs ..... do.... | 22,864 | 36,475 |
| Corsets ..... do.... | 604 | 3,696 |
| Hats and bonnets for ladies ..... do.... | 1,047 | 4,685 |
| Gloves, other than kid ..... kilos.. | 1,145 | 8,104 |
| Stockings: | | |
| Silk ..... do.... | 170 | 2,720 |
| Other kinds ..... do.... | 927,452 | 1,639,439 |
| Handkerchiefs: | | |
| Silk ..... do.... | 16,399 | 327,980 |
| Other kinds ..... do.... | 454,871 | 740,964 |
| Towels ..... do.... | 93,544 | 160,198 |
| Ready-made clothing, in general, external use ..... | ..... | 136,664 |
| Umbrellas and parasols ..... number.. | 10,248 | 8,803 |
| Hats: | | |
| Soft felt ..... dozens.. | 14,809 | 69,212 |
| Straw ..... do.... | 8,490 | 25,125 |
| Silk ..... do.... | 20 | 903 |
| Derby ..... do.... | 6,730 | 67,988 |
| All other kinds ..... do.... | 6,836 | 62,931 |
| Manufactured articles of clothing, not otherwise classified: | | |
| Cotton ..... | ..... | 221,672 |
| Hemp ..... | ..... | 15,006 |
| Linen ..... | ..... | 68,868 |
| Woolen ..... | ..... | 112,712 |
| Mixed materials ..... | ..... | 189,429 |
| Silk ..... | ..... | 28,842 |
| All other materials ..... | ..... | 70,499 |
| Total ..... | ..... | 4,302,824 |
| DRUGS AND CHEMICALS. | | |
| Acid: | | |
| Sulphuric ..... kilos.. | 1,408,321 | 70,415 |
| Muriatic ..... do.... | 42,523 | 5,249 |
| Nitric ..... do.... | 17,155 | 3,985 |
| All other kinds ..... | ..... | 125,988 |
| Oil: | | |
| Linseed, crude ..... kilos.. | 743,037 | 144,632 |
| Palm ..... do.... | 167,091 | 33,418 |
| All other kinds ..... | ..... | 237,280 |
| White lead ..... kilos.. | 64,817 | 12,962 |
| Alcohol ..... do.... | 14 | 14 |
| Tar ..... do.... | 157,983 | 7,999 |
| Alum ..... do.... | 55,659 | 3,072 |
| Ammonia, liquid ..... do.... | 32,503 | 11,377 |
| Indigo ..... do.... | 1,830 | 2,746 |
| Sulphur ..... do.... | 502,040 | 12,028 |
| Turpentine, spirits ..... do.... | 314,784 | 40,921 |
| Varnish, all kinds ..... do.... | 100,986 | 89,789 |
| Bicarbonate of potash ..... do.... | 863 | 433 |
| Bicarbonate of soda ..... do.... | 456,743 | 21,917 |
| Benzine ..... do.... | 29,260 | 4,078 |
| Bitumen ..... do.... | 92,477 | 25,967 |
| Borax ..... do.... | 102,785 | 30,387 |
| Chlorate of potash ..... do.... | 26,208 | 11,418 |
| Chlorate of lime ..... do.... | 28,977 | 1,448 |
| Carbonate of magnesia ..... do... | 8,172 | 3,268 |
| Carbonate of potash ..... do.... | 39,661 | 5,950 |
| Carbonate of soda ..... do.... | 234,753 | 9,389 |
| Glue ..... do.... | 63,821 | 13,253 |
| Colors: | | |
| In powder ..... do.... | 1,937,649 | 161,022 |
| Mixed ..... do.... | 1,569,253 | 156,432 |
| Fireworks ..... do.... | 28,351 | 9,924 |
| Dextrin ..... do.... | 10,939 | 2,188 |
| Stearin ..... do.... | 6,273 | 1,882 |
| Essences, all kinds ..... | ..... | 52,207 |
| Specific for cure of sheep scab ..... | ..... | 918,898 |
| Glucose ..... kilos.. | 159,167 | 12,734 |
| Phosphorus ..... do.... | 4,921 | 4,921 |

IMPORTS IN 1892—Continued.

| Articles. | Quantity. | Official value |
|---|---|---|
| **DRUGS AND CHEMICALS—continued.** | | |
| Gelatin ..... kilos.. | 28,304 | $23,048 |
| Guns, all kinds ..... do.... | 166,698 | 52,555 |
| Glycerin ..... do.... | 52,497 | 16,869 |
| Iodide of potash ..... do.... | 2,056 | 10,280 |
| Soap: | | |
| Common ..... do.... | 65,204 | 15,551 |
| Perfumed ..... do.... | 17,700 | 9,313 |
| Malt ..... do.... | 1,849,123 | 184,911 |
| Patent medicines ..... | ..... | 87,210 |
| Nitrate of potash ..... kilos.. | 59,427 | 8,381 |
| Nitrate of soda ..... do.... | 27,833 | 835 |
| Perfumery ..... | ..... | 119,549 |
| Rosin ..... kilos.. | 6,160,305 | 154,005 |
| Potash ..... do.... | 11,715 | 2,061 |
| Gunpowder and other explosives ..... do.... | 32,639 | 13,886 |
| Pharmaceutical products ..... | ..... | 299,033 |
| Chemical products ..... | ..... | 233,265 |
| Chloride of soda ..... hectoliters.. | 622,273 | 385,807 |
| Calcined soda ..... kilos.. | 2,881,566 | 86,448 |
| Caustic soda ..... do.... | 308,968 | 15,450 |
| Sulphate of iron ..... do.... | 14,220 | 411 |
| Sulphate of magnesia ..... do.... | 18,112 | 1,811 |
| Sulphate of quinine ..... do.... | 62 | 2,170 |
| Sulphate of lime ..... do.... | 809,967 | 40,499 |
| Ink: | | |
| Printing and lithographing ..... do.... | 28,447 | 7,659 |
| Writing, all kinds ..... do.... | 100,438 | 10,046 |
| Turpentine ..... do.... | 1,877 | 189 |
| Vaseline ..... do.... | 10,894 | 5,447 |
| Total ..... | ..... | 4,026,640 |
| **LUMBER AND WOODEN ARTICLES.** | | |
| Pine ..... sq. meters.. | 7,118,045 | 2,949,202 |
| Walnut ..... do.... | 78,223 | 78,223 |
| Oak ..... do.... | 14,374 | 11,417 |
| Cedar ..... do.... | 160,583 | 61,804 |
| Quebracho ..... do.... | 60,493 | 12,058 |
| Other kinds of lumber ..... do.... | 367,511 | 89,103 |
| Trunks and boxes ..... number.. | 156,540 | 26,128 |
| Carriages and wagons ..... do.... | 117 | 7,180 |
| Barrels and casks, empty ..... do.... | 64,116 | 101,813 |
| Musical instruments of wood ..... | ..... | 27,717 |
| Launches and boats ..... number.. | 3 | 600 |
| Furniture ..... | ..... | 106,692 |
| Pianos ..... number.. | 250 | 48,485 |
| Canes ..... dozens.. | 1,302 | 3,959 |
| Other articles of wood ..... | ..... | 188,074 |
| Total ..... | ..... | 3,712,355 |
| **PAPER AND PAPER MANUFACTURES.** | | |
| Paper: | | |
| Writing ..... kilos.. | 436,155 | 135,176 |
| Drawing ..... do.... | 7,142 | 3,570 |
| Printing ..... do.... | 3,875,100 | 1,007,526 |
| Wall ..... do.... | 145,719 | 44,022 |
| Wrapping ..... do.... | 523,624 | 114,653 |
| Binding ..... do.... | 214 | 107 |
| Cigarette ..... do.... | 291,725 | 247,966 |
| Blotting ..... do.... | 29,626 | 11,851 |
| Tissue ..... do.... | 460 | 1,136 |
| Silk ..... do.... | 49,608 | 19,841 |
| Albums, all kinds ..... dozens.. | 153 | 1,171 |
| Playing cards ..... gross.. | 10 | 150 |
| Cardboard ..... kilos.. | 1,062,036 | 102,419 |
| Papier-maché, articles of ..... | ..... | 91,901 |
| Other articles of paper ..... | ..... | 124,025 |
| Blank books ..... kilos.. | 190,112 | 147,083 |
| Pulp for manufacturing paper ..... do.... | 2,349,619 | 234,960 |
| Books and pamphlets ..... do.... | 261,839 | 261,839 |
| Music ..... do.... | 5,207 | 4,172 |
| All other printed matter ..... do.... | 68,855 | 68,145 |
| Polygraphic products ..... | ..... | 66,243 |
| Total ..... | ..... | 2,687,956 |

IMPORTS IN 1892—Continued.

| Articles. | Quantity. | Official value. |
|---|---|---|
| **LEATHER AND LEATHER MANUFACTURES.** | | |
| Boots and shoes ..... dozens | 5,794 | $54,448 |
| Pocketbooks, cigar cases, etc ..... do | 10,243 | 18,897 |
| Satchels and traveling bags ..... number | 555 | 2,636 |
| Gloves, of leather, in general ..... kilos | 784 | 14,143 |
| Saddles ..... number | 108 | 1,153 |
| Harness ..... | | 2,265 |
| Other articles of leather, manufactured ..... | | 46,153 |
| Skins: | | |
| Raw ..... | | 6,625 |
| Cured ..... | | 475,645 |
| Sole leather ..... kilos | 184 | 147 |
| Total ..... | | 622,112 |
| **IRON AND ITS PRODUCTS.** | | |
| Steel, unmanufactured ..... kilos | 175,514 | 17,594 |
| Anchors ..... do | 10,203 | 1,021 |
| Firearms ..... | | 129,264 |
| Wire for fencing ..... kilos | 41,118,837 | 2,226,648 |
| Wire, all other kinds ..... do | 1,331,111 | 125,979 |
| Needles ..... thousands | 43,725 | 37,410 |
| Kitchen utensils ..... | | 355,389 |
| Nails ..... kilos | 871,449 | 151,723 |
| Chains ..... do | 359,777 | 41,253 |
| Safes ..... do | 11,186 | 2,462 |
| Iron piping ..... do | 4,870,388 | 339,823 |
| Stoves and stovepipes ..... do | 13,927 | 2,716 |
| Cutlery ..... | | 253,253 |
| Springs and axles ..... kilos | 588,077 | 97,536 |
| Iron: | | |
| Hoops and tires ..... do | 1,793,369 | 87,591 |
| Ornaments ..... | | 90,173 |
| Unmanufactured ..... kilos | 28,458,503 | 1,145,623 |
| Galvanized ..... do | 6,852,388 | 582,447 |
| Tools and implements ..... | | 106,562 |
| Iron furniture ..... | | 375 |
| Steel pens ..... gross | 80,250 | 16,051 |
| Girders and columns ..... kilos | 317,741 | 13,382 |
| Plows ..... number | 38,677 | 308,438 |
| Cornshellers ..... do | 139 | 10,352 |
| Mowers ..... kilos | 38,060 | 19,791 |
| Rakes ..... do | 57,205 | 18,223 |
| Plowshares ..... do | 284,547 | 50,917 |
| Planters ..... number | 89 | 2,701 |
| Harvesters ..... do | 4,908 | 1,087,985 |
| Threshers ..... do | 328 | 297,295 |
| Shovels, spades, and picks ..... kilos | 431,282 | 98,694 |
| All other agricultural implements ..... | | 56,895 |
| Pumps ..... number | 845 | 6,013 |
| Sewing machines ..... do | 6,116 | 97,775 |
| Presses: | | |
| Printing and lithographing ..... do | 11 | 2,072 |
| All other kinds ..... kilos | 39,274 | 6,416 |
| Motors ..... | | 89,419 |
| All other machinery ..... | | 2,027,833 |
| All other manufactures of iron not otherwise classified ..... | | 334,169 |
| Total ..... | | 10,339,363 |
| **MATERIALS FOR VARIOUS WORKS AND IMPROVEMENTS.** | | |
| Railways ..... | | 2,953,152 |
| Gas ..... | | 58,785 |
| Electric-lighting ..... | | 99,242 |
| Sugar-refining ..... | | 1,045 |
| Mines ..... | | 6,866 |
| Meat-canning ..... | | 180,467 |
| Sewerage ..... | | 162,859 |
| Tramways ..... | | 5,233 |
| Telegraph ..... | | 26,263 |
| Port works of La Plata ..... | | 111,713 |
| Total ..... | | 3,545,626 |
| **METALS AND THEIR MANUFACTURES.** | | |
| Jewelry ..... | | 158,700 |
| Fixtures for gas and electric light ..... | | 14,526 |
| Quicksilver ..... kilos | 672 | 672 |
| Bronze in powder for lithographing ..... kilos | 5,707 | 17,121 |
| Copper and bronze: | | |
| Unmanufactured ..... do | 61,333 | 25,760 |
| Manufactured ..... | | 53,075 |

IMPORTS IN 1892—Continued.

| Articles. | Quantity. | Official value. |
|---|---|---|
| **MEATS AND THEIR MANUFACTURES—continued.** | | |
| Tin composition: | | |
| Unmanufactured ..... kilos.. | 51,232 | $21,517 |
| Manufactured ..... | ..... | 854 |
| Scientific instruments ..... | ..... | 5,009 |
| Musical instruments ..... | ..... | 147 |
| Tin: | | |
| Unmanufactured ..... kilos.. | 1,337,163 | 124,378 |
| Manufactured ..... | ..... | 55,629 |
| Metallic belting ..... | ..... | 130,899 |
| Gold leaf ..... | ..... | 4,995 |
| Lead: | | |
| Unmanufactured ..... kilos.. | 1,347,039 | 96,368 |
| Manufactured ..... | ..... | 40,691 |
| Watches: | | |
| Gold ..... number.. | 3,406 | 80,245 |
| Other kinds ..... do.... | 27,247 | 105,159 |
| Clocks ..... do.... | 18,780 | 24,963 |
| Weights and scales ..... do.... | 14,186 | 15,207 |
| Printing type ..... kilos.. | 7,575 | 3,939 |
| Zinc: | | |
| Unmanufactured ..... do.... | 1,394,251 | 117,966 |
| Manufactured ..... | ..... | 4,677 |
| Other metals not otherwise classified ..... | ..... | 38,256 |
| Total ..... | ..... | 1,140,753 |
| **GLASS AND STONEWARE AND CERAMIC PRODUCTS.** | | |
| Tiles: | | |
| Flooring ..... thousands.. | 3,371 | 63,463 |
| Paving ..... do.... | 178 | 4,850 |
| Glass bottles, empty ..... dozens.. | 179,330 | 53,800 |
| Crystals for spectacles and watches ..... | ..... | 1,660 |
| Glassware in general ..... | ..... | 249,873 |
| Lamps ..... | ..... | 87,553 |
| Bricks ..... thousands.. | 578 | 17,325 |
| Porcelain ware, in general ..... | ..... | 253,252 |
| Marble and alabaster, unmanufactured ..... sq. meters.. | 20,361 | 42,561 |
| Marble slabs for tables, etc ..... do.... | 425 | 910 |
| Marble ornaments and works of art ..... | ..... | 2,943 |
| Mosaics ..... kilos.. | 422,911 | 20,548 |
| Bricabrac ..... | ..... | 377 |
| Precious stones, unset ..... | ..... | 5,755 |
| Lithographing stone ..... kilos.. | 460 | 46 |
| Grindstones ..... do.... | 296,766 | 9,873 |
| Building stone ..... | ..... | 109,783 |
| Slate roofing ..... sq. meters.. | 6,950 | 2,780 |
| Crockery in general ..... | ..... | 76,831 |
| Roofing tiling ..... thousands.. | 464 | 23,200 |
| Cement ..... kilos.. | 23,637,679 | 378,199 |
| Plate glass ..... sq. meters.. | 378,402 | 161,068 |
| Mirrors ..... do.... | 7,889 | 52,140 |
| Total ..... | ..... | 1,618,790 |
| **COMBUSTIBLES, ETC.** | | |
| Candles: | | |
| Stearin ..... kilos.. | 144,944 | 43,486 |
| All other kinds ..... do.... | 6,445 | 3,229 |
| Coal ..... do.... | 520,771,418 | 5,207,713 |
| Coke ..... do.... | 1,366,358 | 23,227 |
| Matches: | | |
| Wax ..... do.... | 257 | 218 |
| Wooden ..... do.... | 25,502 | 12,752 |
| Kerosene ..... liters.. | 16,100,303 | 805,017 |
| Total ..... | ..... | 6,095,642 |
| **MISCELLANEOUS ARTICLES.** | | |
| Fancy articles ..... | ..... | 83,937 |
| Buttons ..... gross.. | 334,047 | 187,957 |
| Cork ..... kilos.. | 153,088 | 45,929 |
| Sponges ..... do.... | 2,708 | 13,019 |
| Workboxes, etc ..... dozens.. | 352 | 1,109 |
| Gutta-percha, manufactured ..... | ..... | 50,892 |
| Toys ..... | ..... | 120,817 |
| Pencils ..... gross.. | 9,899 | 11,663 |
| Hops ..... kilos.. | 42,615 | 21,306 |
| Church ornaments ..... | ..... | 11,909 |
| Pichna ..... kilos.. | 115,137 | 80,596 |
| Paintings ..... | ..... | 2,097 |

IMPORTS IN 1892—Continued.

| Articles. | Quantity. | Official value. |
|---|---|---|
| MISCELLANEOUS ARTICLES—continued. | | |
| Straw goods | | $58,726 |
| Live plants | | 12,950 |
| Leeches ..... thousands | 15 | 225 |
| Seeds ..... kilos | 1,049,646 | 113,009 |
| Apothecary utensils | | 33,985 |
| Office utensils | | 16,447 |
| Various unenumerated articles | | 2,133,440 |
| Ship stores | | 29,685 |
| Total | | 3,020,698 |
| Grand total | | 91,481,163 |

EXPORTS IN 1892.

| | | | |
|---|---|---|---|
| ANIMALS AND ANIMAL PRODUCTS. | | | |
| Asses | number | 10,185 | $101,870 |
| Horses and mares | do | 7,487 | 206,252 |
| Goats | do | 560 | 1,475 |
| Hogs | do | 160 | 1,600 |
| Sheep | do | 40,100 | 170,422 |
| Mules | do | 16,514 | 333,040 |
| Cattle | do | 125,458 | 2,624,675 |
| Cattle horns | kilos | 1,851,203 | 101,081 |
| Frozen sheep carcasses | do | 25,436,221 | 2,034,898 |
| Hair, horse | do | 2,138,782 | 790,227 |
| Skins: | | | |
| Goat | do | 907,540 | 493,647 |
| Kid | do | 295,783 | 593,111 |
| Sheep | do | 32,060,586 | 9,618,175 |
| Hides: | | | |
| Cattle— | | | |
| Dry | number | 2,845,189 | 6,050,805 |
| Salted | do | 1,068,611 | 3,901,454 |
| Mare— | | | |
| Dry | do | 113,948 | 142,278 |
| Salted | do | 127,442 | 380,274 |
| Wool, unwashed | kilos | 138,605,838 | 44,326,060 |
| Tongues, salted and dried | do | 994,071 | 198,813 |
| Tallow | do | 16,412 | 1,067 |
| Jerked beef | do | 44,699,424 | 4,100,488 |
| Frozen beef and other meats | do | 898,895 | 71,912 |
| Total | | | 76,249,684 |
| AGRICULTURAL PRODUCTS. | | | |
| Canary seed | kilos | 6,000 | 420 |
| Beans | do | 66,466 | 3,323 |
| Barley | do | 996,897 | 15,416 |
| Linseed | do | 1,300 | 585 |
| Fresh fruits | do | | 11,433 |
| Flax | do | 42,987,142 | 2,546,220 |
| Corn | do | 445,935,009 | 8,561,231 |
| Peanuts | do | 542,337 | 27,117 |
| Potatoes | do | 10,044,175 | 502,209 |
| Raisins | do | 16,712 | 5,014 |
| Hay | do | 39,209,121 | 374,428 |
| Bulbs of plants and flowers | do | 12,905 | 774 |
| Seeds, plants, flowers and vegetables | do | 72,359 | 3,619 |
| Leaf tobacco | do | 880 | 132 |
| Wheat | do | 470,109,617 | 14,695,089 |
| Agricultural produce not otherwise classified | do | | 2,356 |
| Total | | | 26,750,366 |
| INDUSTRIAL PRODUCTS. | | | |
| Oil: | | | |
| Animal | kilos | 49,697 | 5,989 |
| Linseed | do | 803,663 | 120,549 |
| Turnip | do | 199,828 | 29,974 |
| Peanut | do | 28,496 | 4,274 |
| Alcohol | liters | 23,459 | 3,518 |
| Stuffed birds | kilos | 28,175 | 2,254 |
| Sugar | do | 1,890 | 302 |
| Preserved meats | do | 7,040,010 | 633,601 |
| Canned soups | do | 25,820 | 6,455 |
| Specific for curing sheep scab | do | | 13,100 |

EXPORTS IN 1892—Continued.

| Articles. | Quantity. | Official value. |
|---|---|---|
| **INDUSTRIAL PRODUCTS—continued.** | | |
| Extract of beef ..... kilos.. | 260,456 | $520,892 |
| Macaroni ..... do.... | 6,090 | 1,218 |
| Biscuits and crackers ..... do.... | 5,230 | 471 |
| Glycerin ..... do.... | 174,378 | 69,751 |
| Flour ..... do.... | 18,849,136 | 1,024,041 |
| Meat flour ..... do.... | 907,550 | 226,888 |
| Soap ..... do.... | 176,864 | 26,529 |
| Butter ..... do.... | 10,150 | 3,045 |
| Pepsin ..... kilos.. | 34,090 | 27,271 |
| Cheese ..... do.... | 50,031 | 15,009 |
| Tallow and grease ..... do.... | 19,879,429 | 2,263,729 |
| Semola ..... do.... | 13,270 | 1,592 |
| Soles for shoes ..... number.. | 4,962 | 29,772 |
| Wines, native ..... liters.. | 15,250 | 2,288 |
| Total ..... | ..... | 5,032,512 |
| **PRODUCTS OF THE FOREST.** | | |
| Vegetable carbon ..... hectoliters.. | 257,485 | 257,485 |
| Cedar ..... sq. meters.. | 56,115 | 44,892 |
| Railroad ties ..... number.. | 18,988 | 56,964 |
| Naudubay posts ..... do.... | 205,239 | 62,856 |
| Cord wood ..... | ..... | 7,124 |
| Various cabinet woods ..... | ..... | 19,987 |
| Quebracho logs ..... kilos.. | 26,492,395 | 529,847 |
| lumber ..... sq. meters.. | 175,728 | 87,864 |
| Total ..... | ..... | 1,066,819 |
| **MINERAL PRODUCTS.** | | |
| Auriferous sand ..... kilos.. | 84,822 | 14,440 |
| Bismuth ..... do.... | 403,217 | 42,860 |
| Lime ..... hectoliters.. | 9,178 | 6,883 |
| Copper, in bars ..... kilos.. | 55,175 | 22,070 |
| Silver, metal ..... do.... | 4,183 | 41,830 |
| Ore: | | |
| Copper ..... do.... | 140,935 | 38,053 |
| Gold ..... do.... | 6,970 | 122,400 |
| Silver ..... do.... | 325,439 | 162,720 |
| Lead ..... do.... | 1,142,838 | 91,429 |
| Lead, unmanufactured ..... do.... | 198,045 | 19,804 |
| Silver bullion ..... do.... | 1,202 | 48,080 |
| Salt ..... hectoliters.. | 67,799 | 42,034 |
| Total ..... | ..... | 652,603 |
| **PRODUCTS OF THE CHASE.** | | |
| Skins: | | |
| Carpincho ..... number.. | 17,810 | 15,987 |
| Nutria ..... kilos.. | 412,722 | 379,144 |
| All other kinds ..... | ..... | 53,613 |
| Ostrich feathers ..... kilos.. | 57,705 | 66,959 |
| Total ..... | ..... | 515,703 |
| **RESIDUUM, ANIMAL AND VEGETABLE.** | | |
| Bran ..... kilos.. | 22,058,241 | 290,048 |
| Bone ash ..... do.... | 15,913,631 | 198,921 |
| Cracklings ..... do.... | 778,601 | 35,036 |
| Hide cuttings ..... do.... | 1,433,293 | 28,245 |
| Guano ..... do.... | 1,716,546 | 54,928 |
| Bones ..... do.... | 28,847,573 | 362,828 |
| Hoofs and claws ..... do.... | 445,002 | 6,675 |
| Dry blood ..... do.... | 964,518 | 48,226 |
| Seed cakes ..... do.... | 4,366,018 | 654,903 |
| Tripes ..... do.... | 400,912 | 19,543 |
| Middlings ..... do.... | 2,165,033 | 43,300 |
| Total ..... | ..... | 1,743,454 |
| **MISCELLANEOUS ARTICLES.** | | |
| Old iron ..... kilos.. | 8,100 | 405 |
| Live plants ..... do.... | ..... | 200 |
| Old sails ..... do.... | 302,372 | 3,024 |
| Ship stores ..... do.... | ..... | 561,105 |
| Various articles not otherwise classified ..... | ..... | 794,162 |
| Total ..... | ..... | 1,358,896 |
| Grand total ..... | ..... | 113,370,337 |

As has already been intimated, these detailed returns of the foreign trade of the Argentine Republic are full of significance and full of encouragement. They are significant in this: That in the increased volume of imports over the preceding year they show that trade is once more assuming its normal conditions; that the confidence of foreign shippers and manufacturers in the general solvency of Argentine merchants is becoming more pronounced, while the latter, with improved credit, are seeing their way clear to increase their orders for foreign goods, and are finding at home more ready sales of their stocks; and they are full of encouragement, because the exports—the best and surest test of a country's productive powers and prosperity—exhibit not merely a wonderful rebound from the depression caused by the crisis, but a very large positive increase in the volume and value of leading products. The imports, though a considerable increase on the figures of last year, are quite back to the proportions of ten years ago, while the exports are nearly 50 per cent greater.

The percentage of each group of imports, compared with that of 1883, is as follows:

| Classes of goods. | 1883. | 1892. |
|---|---|---|
| | *Per cent.* | *Per cent.* |
| Live stock | 0·4 | 0·4 |
| Articles of food | 1·4 | 13·9 |
| Liquors | 11·6 | 6·6 |
| Tobacco and cigars | 1·5 | 0·7 |
| Textile goods | 22·2 | 33.5 |
| Ready-made clothing | 4·5 | 4·7 |
| Drugs and chemicals | 3·2 | 4·4 |
| Lumber and woodenware | 4 | 4·1 |
| Paper, and its applications | 1·7 | 2·9 |
| Leather, boots and shoes, etc | 1·5 | 0·7 |
| Iron and iron manufactures | 9·4 | 11·3 |
| Materials for constructions | 9·3 | 3.5 |
| Various metals and their applications | 6·7 | 1·3 |
| Glassware, crockery, and ceramic products | 2·3 | 1·3 |
| Articles for fuel and light | 2·5 | 6·7 |
| Unenumerated articles | 17·3 | 3·5 |
| Total | 100 | 100 |

The table shows that the percentage of articles of food, of textile goods and of fuel and light has notably increased, while that of liquors, building and railway materials, etc., had diminished.

The percentage of each group of articles exported compared with that of 1883, is as follows:

| Classes of exports. | 1883. | 1892. |
|---|---|---|
| | *Per cent.* | *Per cent.* |
| Pastoral products | 83·4 | 67·5 |
| Agricultural products | 7·2 | 23·7 |
| Industrial products | 4·7 | 4·5 |
| Forestal products | 0·5 | 0.9 |
| Mining products | 1 | 0·6 |
| Products of the chase | 1 | 0·5 |
| Animal and vegetable refuse | 1·1 | 1·2 |
| Unenumerated articles | 1·1 | 1·1 |
| Total | 100 | 100 |

Thus while pastoral products have relatively decreased 16 per cent, agricultural products have increased 16¼ per cent, the exports of breadstuffs being to-day three times more important than they were ten years ago. Dr. Letzina says that "at the end of the present century we may logically expect that agricultural products will figure in the table of exports at 50 per cent of the whole." And I may confidently add that they will ultimately occupy the first place in the commercial calendar of the Argentine Republic.

### PERCENTAGE OF TRADE OF 1892 COMPARED WITH 1883.

The following table exhibits the percentage of Argentine commerce—imports, exports, and total trade—which was distributed to each country during 1892 compared with the percentage in 1883, a period of ten years:

| Countries. | Imports. | | Exports. | | Total trade. | |
|---|---|---|---|---|---|---|
| | 1883. | 1892. | 1883. | 1892. | 1883. | 1892. |
| | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* |
| Germany | 8·7 | 11·6 | 9·08 | 14·7 | 8·8 | 13·2 |
| West Indies | 0·1 | ..... | 1·9 | 1·1 | 1·0 | 1·5 |
| Belgium | 4·1 | 7·3 | 20·2 | 13·0 | 12·1 | 10·1 |
| Bolivia | 1·1 | ..... | 1·5 | 1·4 | 1·3 | 1.2 |
| Brazil | 2·7 | 2·3 | 2·8 | 9·2 | 2·7 | 5·7 |
| Chile | 1·3 | ..... | 3·3 | 1·8 | 1·8 | 1·9 |
| Spain | 4·7 | 2·4 | 2·2 | 2·1 | 3·4 | 2·3 |
| United States | 6·1 | 8·1 | 5·8 | 4·3 | 5·9 | 6·3 |
| France | 19·2 | 11·4 | 35·0 | 23·4 | 27·1 | 17·4 |
| Italy | 4·3 | 9·2 | 2·7 | 3·8 | 3·5 | 6.5 |
| Holland | 1·7 | 1·2 | ..... | ..... | 1·3 | 1·1 |
| Paraguay | 1·6 | 2·2 | 1·3 | 1·3 | 1·9 | 1·2 |
| Great Britain | 38·3 | 39·2 | 9·9 | 17·4 | 24·1 | 28·3 |
| Uruguay | 5·5 | 4·1 | 3·2 | 2·8 | 4·2 | 3·4 |
| Not named | 3·6 | 2·0 | 4·2 | 5·7 | 3·9 | 3·9 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |

These figures show that during the last ten years there has been no great relative change in the course of trade of the Argentine Republic. Great Britain, in the amount of imports, still exhibits her great preeminence, now furnishing nearly 40 per cent of the whole, while the exports to that country in the same time have nearly doubled. France has quite lost the second place in the matter of imports, but still occupies it at a reduced percentage in the exports from this country. Germany has increased her imports 3 per cent and now comes next after Great Britain, while in the matter of the exports sent to her she shows an increase of nearly 6 per cent. Belgium has somewhat increased her imports, but the exports sent to her have fallen off nearly 7 per cent. The United States, in the matter of imports, occupies the same relative position she did ten years ago; but in amount they have increased 2 per cent, while there was a slight falling off in her exports from the Argentine Republic. There are no great changes in the relative positions of the other countries.

As a matter of some interest to those of our merchants and manufacturers who are seeking new markets for their surplus, I proceed to examine the details of the trade of the more important countries with which the Argentine Republic has commercial relations, or at least those with which the United States more directly comes into competition.

### ARGENTINE TRADE WITH GERMANY.

The development within the last ten years of the Argentine trade with Germany is especially worthy of attention. Its extent will appear from the following table:

| Years. | Imports. | Exports. | Total trade. |
|---|---|---|---|
| 1883 | $7,028,051 | $4,823,827 | $11,851,878 |
| 1884 | 8,868,930 | 6,813,713 | 15,682,643 |
| 1885 | 7,226,999 | 8,512,443 | 15,775,442 |
| 1886 | 8,044,805 | 6,950,908 | 14,995,783 |
| 1887 | 12,106,456 | 9,835,754 | 21,944,210 |
| 1888 | 13,310,094 | 13,309,546 | 26,619,640 |
| 1889 | 15,477,754 | 17,120,472 | 32,598,226 |
| 1890 | 12,301,472 | 11,566,441 | 23,867,913 |
| 1891 | 6,206,572 | 11,621,898 | 17,828,470 |
| 1892 | 10,676,513 | 16,635,103 | 28,311,616 |

Although there was considerable reduction in the figures for 1891, it is seen that Germany has only very slightly felt the effects of the Argentine crisis. The principal items of import from that country for 1892 were as follows:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Rice | $416,423 | Ready-made clothing | $345,396 |
| Refined sugar | 415,235 | Malt | 180,194 |
| Starch | 61,031 | Printing paper | 682,730 |
| Codfish | 73,132 | Wire for fencing | 1,161,921 |
| Sackcloth | 779,944 | Sewing machines | 71,331 |
| Cassimeres | 249,446 | Hardware and machinery | 371,143 |
| Flannels | 423,349 | All other imports | 4,213,093 |
| Cotton fabrics | 1,243,861 | | |
| Stockings | 877,156 | Total | 10,676,531 |
| Handkerchiefs | 111,147 | | |

The exports to Germany for 1892 were as follows:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Sheep skins | $379,637 | Linseed | $231,390 |
| Ox and cow hides: | | Maize | 393,254 |
| Dry | 174,890 | Wheat | 436,741 |
| Salted | 756,746 | Nutria skins | 253,539 |
| Horse hides: | | Tanning materials | 6,620 |
| Dry | 132,404 | Oil cakes | 127,847 |
| Salted | 334,744 | All other articles | 429,951 |
| Wool, unwashed | 12,912,895 | | |
| Goat skins | 74,455 | Total | 16,635,108 |

The total shipments of wool were 45,046 tons, against 28,530 in 1891; of wheat, 13,601 tons, against 11,503 in 1891; of maize, 20,506 tons, against 10,310 in 1891, and of linseed, 3,564 tons, against 1,238 in 1891.

### ARGENTINE TRADE WITH BELGIUM.

The trade of the Argentine Republic with Belgium has shown quite the same expansion as that with Germany. The returns for the last ten years are as follows:

| Years. | Imports. | Exports. | Total trade. |
|---|---|---|---|
| 1883 | $3,261,077 | $12,148,946 | $15,410,023 |
| 1884 | 7,249,887 | 14,879,945 | 22,129,732 |
| 1885 | 7,463,893 | 14,883,506 | 22,347,399 |
| 1886 | 7,721,817 | 10,924,737 | 18,746,554 |
| 1887 | 10,947,935 | 12,111,531 | 23,059,486 |
| 1888 | 11,084,482 | 16,979,944 | 27,764,426 |
| 1889 | 13,958,247 | 16,326,423 | 30,284,670 |
| 1890 | 10,986,710 | 12,003,086 | 22,989,796 |
| 1891 | 6,374,868 | 18,130,717 | 24,505,585 |
| 1892 | 6,646,838 | 14,672,427 | 21,319,265 |

While the imports for the last two years have shown some contraction, owing to the crisis, the volume of trade has continued pretty steady.

The imports from Belgium for the year 1892 were as follows:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Rice | $147,576 | Glass and glassware | $581,515 |
| Refined sugar | 218,679 | Railway materials | 92,574 |
| Cotton fabrics | 793,253 | Agricultural machinery | 102,850 |
| Prints and calicos | 102,802 | Starch | 84,188 |
| Other textiles | 997,986 | Paints | 70,724 |
| Ready-made clothing | 84,481 | All other imports | 1,620,759 |
| Printing and other paper | 237,711 | | |
| Wire for fencing | 739,926 | Total | 6,646,838 |
| Iron and iron ware | 811,914 | | |

The table of exports shows the following shipments for 1892:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Hair | $215,071 | Linseed | $274,870 |
| Ox and cow hides: | | Maize | 704,763 |
| Dry | 283,561 | Wheat | 2,350,713 |
| Salted | 1,365,826 | Wheat extract | 136,302 |
| Wool, unwashed | 8,360,839 | Oil cake | 115,240 |
| Flour | 113,616 | All other exports | 622,923 |
| Goat skins | 68,957 | | |
| Sheep skins | 59,836 | Total | 14,672,427 |

The shipments of unwashed wool amounted to 29,289 tons against 34,282 in 1891; of wheat, 73,804 tons against 99,961 in 1891; of maize, 37,000 tons against 14,017 in 1891; of flour, 2,073, tons against 276 in 1891. There was but little change in the shipments of hides, hair, etc.

### ARGENTINE TRADE WITH FRANCE.

In its total volume the trade of the Argentine Republic with France is now exactly where it was ten years ago. The imports, however, show considerable reduction compared with the amounts during the flush times of 1887–1890. The falling off, of course, is explained by the crisis, a large part consisting of articles not of prime necessity, but of luxury, the demand for which ceases whenever there is a pinch in the money market. The course of trade since 1883 is as follows:

| Years. | Imports. | Exports. | Total trade. |
|---|---|---|---|
| 1883 | $15,418,917 | $21,041,495 | $36,460,492 |
| 1884 | 16,785,590 | 22,518,371 | 39,303,961 |
| 1885 | 14,545,195 | 24,164,829 | 30,710,024 |
| 1886 | 17,002,088 | 22,342,133 | 39,344,221 |
| 1887 | 22,743,550 | 24,871,354 | 47,614,904 |
| 1888 | 22,966,857 | 27,973,561 | 50,914,418 |
| 1889 | 30,237,407 | 38,264,414 | 68,501,821 |
| 1890 | 19,875,877 | 26,683,318 | 46,559,195 |
| 1891 | 7,925,296 | 24,142,260 | 32,067,556 |
| 1892 | 10,425,865 | 26,438,097 | 36,863,962 |

The imports from France for 1892 consisted of the following articles:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Refined sugar | $3,013,831 | Paper and paper goods | $177,825 |
| Olive oil | 164,816 | Hardware | 129,384 |
| Wines | 1,620,604 | Bitters | 245,168 |
| Textile goods | 2,413,891 | Brandies | 81,495 |
| Clothing and manufactured goods | 826,392 | Confectionery, etc | 178,527 |
| Perfumery | 123,105 | Unenumerated articles | 116,273 |
| French leather | 306,514 | | |
| Jewelry | 285,877 | Total | 10,4[illegible]965 |
| Fancy articles | 1,742,145 | | |

The imports of refined sugar amounted to 10,599 tons against 6,962 in 1891; Bordeaux wines to 15,363,808 liters, against 9,236,143 in 1891; the cottons and calicoes to 481,245 kilos., against 913,602 in 1891.

The exports to France for 1892 were as follows:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Wool, unwashed | $16,257,884 | Goatskins | $457,181 |
| Sheepskins | 6,615,583 | Frozen mutton | 94,658 |
| Cow hides: | | Flour | 35,445 |
| Dry | 199,756 | Grease and tallow | 81,477 |
| Salted | 273,755 | Dyewoods | 116,755 |
| Linseed | 328,557 | Silver minerals | 85,396 |
| Maize | 606,481 | Other exports | 513,145 |
| Wheat | 499,391 | | |
| Oil cake | 273,653 | Total | 26,438,097 |

The exports of wool were 56,858 tons in 1892, against 58,450 in 1891; of sheepskins, 22,053 tons, against 15,232 tons in 1891; of goat skins, 240 tons, against 260 in 1891; of maize, 32,056 tons, against 7,205 in 1891; of linseed, 5,759 tons, against 1,965 in 1891. There was no great change in exports of wheat or flour.

### ARGENTINE TRADE WITH GREAT BRITAIN.

The trade of Great Britain with the Argentine Republic, with all the fluctuations occasioned by crisis and bad times, has, during the last ten years, continued to maintain its great supremacy. The imports are not so great as they were during the "boom" of three years ago, but the exports have shown a steady increase. The following are the figures:

| Years. | Imports. | Exports. | Total trade. |
|---|---|---|---|
| 1883 | $30,695,963 | $5,956,093 | $36,652,056 |
| 1884 | 39,727,694 | 7,211,437 | 37,939,131 |
| 1885 | 35,375,628 | 12,816,341 | 48,191,969 |
| 1886 | 33,432,660 | 10,071,851 | 43,501,510 |
| 1887 | 34,579,210 | 17,085,001 | 51,864,220 |
| 1888 | 44,044,851 | 17,061,411 | 61,106,262 |
| 1889 | 56,820,169 | 14,931,394 | 71,871,563 |
| 1890 | 57,818,510 | 19,299,095 | 77,115,603 |
| 1891 | 28,312,410 | 16,798,212 | 45,110,612 |
| 1892 | 35,835,492 | 19,720,513 | 55,556,005 |

The imports from Great Britain for 1892 were as follows:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Breeding animals | $97,540 | Railway materials | $2,639,831 |
| Tea | 748,451 | Materials for trains, telegraph, etc. | 357,548 |
| Textile fabrics | 18,139,273 | Tin sheets | 92,521 |
| Ready-made clothing | 1,102,521 | Tin and copper manufactures | 162,925 |
| Drugs and chemicals | 1,405,398 | Hydraulic cement | 197,830 |
| Iron and ironware and machinery | 4,033,102 | Unenumerated articles | 2,099,634 |
| Coal | 4,813,518 | Total | 35,835,858 |

Included in textile fabrics were 9,104 tons of cottons, against 3,880 tons in 1891; and 2,604 tons of calicoes, against 1,424 tons in 1891. The agricultural implements and machinery amounted to $646,898. The receipts of stove coal were 481,352 tons against 311,221 in 1891.

The exports to Great Britain for 1892 were as follows:

| Articles. | Value. | Articles. | Value. |
|---|---|---|---|
| Livestock | $226,453 | Linseed | $1,601,171 |
| Frozen mutton | 1,905,165 | Maize | 3,336,647 |
| Sheepskins | 514,046 | Wheat | 7,134,539 |
| Cowhides: | | Flour | 73,346 |
| Dry | 154,358 | Grease and tallow | 281,840 |
| Salted | 879,315 | Dyewoods | 339,934 |
| Wool, unwashed | 1,110,478 | Bran | 141,255 |
| Salted tongues | 144,831 | Other articles | 1,510,385 |
| Preserved meats | 311,503 | Total | 19,720,513 |
| Oil cake | 115,257 | | |

The shipments of linseed were 26,691 tons, against 3,464 in 1891; of maize 173,289 tons, against 17,124 in 1891; of wheat 226,854 tons, against 140,054 in 1891; and 23,815 tons of frozen sheep, against 21,188 in 1891.

### ARGENTINE TRADE WITH THE UNITED STATES.

Compared with the foregoing returns of the commerce of the Argentine Republic with the countries of Germany, Belgium, France, and Great Britain, from which the great bulk of the imports to the River Plate are received, the trade with the United

States exhibits very small proportions. The following table shows the imports, exports, and total trade for the last twenty years:

| Years. | Imports. | Exports. | Total trade. |
|---|---|---|---|
| 1873 | $5,167,616 | $3,032,945 | $8,200,561 |
| 1874 | 3,949,580 | 3,747,300 | 7,696,884 |
| 1875 | 3,069,354 | 3,055,205 | 6,124,599 |
| 1876 | 1,180,770 | 2,392,236 | 4,274,006 |
| 1877 | 2,249,320 | 2,415,486 | 4,664,806 |
| 1878 | 2,773,589 | 2,547,187 | 5,320,776 |
| 1879 | 3,921,379 | 3,917,676 | 7,839,055 |
| 1880 | 3,224,743 | 5,126,440 | 8,351,181 |
| 1881 | 4,268,110 | 4,035,714 | 8,323,824 |
| 1882 | 5,054,764 | 2,956,582 | 8,051,346 |
| 1883 | 4,933,054 | 3,510,574 | 8,443,628 |
| 1884 | 7,454,832 | 4,064,848 | 11,519,680 |
| 1885 | 7,006,719 | 5,563,841 | 12,570,560 |
| 1886 | 7,673,284 | 3,580,406 | 11,253,690 |
| 1887 | 11,044,553 | 5,938,808 | 16,943,361 |
| 1888 | 9,909,895 | 6,665,520 | 16,575,415 |
| 1889 | 16,801,750 | 7,726,691 | 24,528,441 |
| 1890 | 9,301,541 | 6,060,958 | 15,368,499 |
| 1891 | 3,445,904 | 4,214,502 | 7,660,406 |
| 1892 | 7,376,583 | 4,831,454 | 12,208,037 |

Although our trade has fallen back in the past years, the returns of the last year show that it is gradually recovering itself.

The returns in detail of the imports from and exports to the United States for the year 1892 are given in the following tables:

*Imports from the United States in 1892.*

| Articles. | Quantity. | Official value. |
|---|---|---|
| Olive oil ..... kilos.. | 38,823 | $12,811 |
| Lard ..... do.... | 28,226 | 8,750 |
| Leaf tobacco ..... do.... | 6,436 | 3,366 |
| Cordage for baling wool ..... do.... | 97,064 | 17,471 |
| Canvas ..... do.... | 170,808 | 119,437 |
| Lamp wicks ..... do.... | 36,745 | 19,915 |
| House lines ..... do.... | 1,716,455 | 694,684 |
| Cotton goods ..... do.... | 119,391 | 93,242 |
| Oils, various kinds ..... | ..... | 94,718 |
| Spirits of turpentine ..... kilos.. | 251,341 | 32,674 |
| Fireworks ..... do.... | 15,650 | 5,478 |
| Specific for curing sheep scab ..... | ..... | 32,604 |
| Patent medicines ..... | ..... | 12,171 |
| Rosin ..... kilos.. | 3,980,862 | 99,521 |
| Pharmaceutical products ..... | ..... | 10,514 |
| Pine lumber ..... sq. meters.. | 6,683,846 | 2,788,531 |
| Oak lumber ..... do.... | 11,360 | 9,088 |
| Trunks and boxes ..... number.. | 3,800 | 402 |
| Casks and barrels, empty ..... do.... | 23,063 | 42,391 |
| Furniture ..... | ..... | 6,729 |
| Other manufactured articles of wood ..... | ..... | 27,415 |
| Books and pamphlets ..... kilos.. | 23,051 | 23,051 |
| Arms and munitions ..... | ..... | 13,516 |
| Wire for fencing ..... kilos.. | 144,114 | 10,113 |
| Nails ..... do.... | 152,022 | 14,465 |
| Tools and implements ..... | ..... | 24,565 |
| Plows ..... number.. | 27,834 | 180,530 |
| Rakes ..... kilos.. | 40,286 | 13,310 |
| Plowshares ..... do.... | 171,543 | 24,430 |
| Reapers ..... number.. | 3,643 | 847,830 |
| Threshing machines ..... do.... | 21 | 14,930 |
| Spades, shovels, and picks ..... number.. | 272,978 | 66,579 |
| All other agricultural implements ..... | ..... | 58,632 |
| Sewing machines ..... number.. | 751 | 10,640 |
| All other machines ..... | ..... | 691,251 |
| All other manufactures of iron ..... | ..... | 46,169 |
| Materials for railroads ..... | ..... | 27,693 |
| Lamps ..... | ..... | 18,991 |
| Coal ..... tons.. | 23,781 | 237,813 |
| Kerosene ..... hectoliters.. | 93,022 | 465,109 |
| Other articles not otherwise classified ..... | ..... | 460,066 |
| Total ..... | ..... | 7,376,583 |

*Exports to the United States in 1892.*

| Articles. | Quantity. | Official value. |
|---|---|---|
| Hair, horse.....kilos.. | 523,619 | $189,211 |
| Skins: | | |
| Goat.....do.... | 342,422 | 188,394 |
| Sheep.....do.... | 76,704 | 23,011 |
| Nutria.....do.... | 18,222 | 18,973 |
| Carpincho.....do.... | 14,840 | 13,346 |
| Hides, cattle: | | |
| Dry.....number.. | 1,133,948 | 2,540,679 |
| Salted.....do.... | 33,000 | 107,800 |
| Wool, unwashed.....kilos.. | 5,226,381 | 1,538,313 |
| Cedar logs.....cubic meters.. | 22,316 | 17,853 |
| Quebracho logs.....kilos . | 50,000 | 1,000 |
| Ostrich feathers.....do.... | 25,747 | 30,055 |
| Bones.....do.... | 10,864,640 | 137,605 |
| Other articles not otherwise classified.....do.... | ..... | 25,214 |
| Total..... | ..... | 4,831,454 |

Comparing the foregoing table of imports with that of 1891, when our shipments to the River Plate reached their lowest figures in ten years, the reaction which appears to have taken place in the leading lines of goods is quite marked. This will appear from the following table:

| Articles of import. | 1891. | 1892. |
|---|---|---|
| Turpentine.....tons.. | 233 | 251 |
| Rosin.....do.... | 1,504 | 3,980 |
| Lumber.....sq. meters.. | 3,648,276 | 6,683,846 |
| Duck.....kilos. | 32,517 | 170,803 |
| Binding and other twines.....do.... | 444,126 | 1,716,455 |
| Plows.....number.. | 8,683 | 27,834 |
| Horse rakes.....do.... | 4,374 | 40,286 |
| Reapers.....do.... | 884 | 3,643 |
| Spades, shovels, and picks.....do.... | 105,790 | 272,978 |
| Cotton goods.....kilos.. | 27,953 | 119,391 |
| Kerosene.....hectoliters.. | 79,668 | 93,022 |

There are, however, some lines of goods which have entirely or almost disappeared from the table of our imports, such as sugar, starch, furniture, tobacco, lard, etc. The explanation, as I am informed, is that the Argentine tariff on such articles is now so high that they can not be shipped here without a loss. Thus, the tariff on lard, on furniture, and on tobacco is 60 per cent on the value, and on starch and sugar, 9 cents per kilogram. These articles are now in great part produced in the country.

The exports from the Argentine Republic to the United States show an increase over the figures of 1891 of $838,594. While there is a slight falling off in the shipments of carpet wools, there is a considerable increase in the shipments of dry hides, hair, and bones, which more than makes up the difference. The following are the principal exports compared with 1891:

| Articles. | 1891. | 1892. |
|---|---|---|
| Ox and cow hides..... | $1,455,848 | $2,540,679 |
| Wool..... | 1,618,722 | 1,538,313 |
| Hair..... | 140,700 | 189,211 |
| Bones..... | 55,486 | 137,605 |
| Goat skins..... | 296,085 | 188,394 |
| Ostrich feathers..... | 18,596 | 30,055 |

But for the two items of hides and wool, as will be seen, the exports from this country to the United States would be quite insignificant. In regard to the latter, the only wools, which owing to our high duties it is possible to ship at a profit, are the long, coarse carpet wools of Cordoba. These are included in class three of the schedule; and, their value being 13 cents or less per pound, they are able to pay the duty of 32 per cent on the same. These wools have for many years been annually bought up by a syndicate of Massachusetts carpet manufacturers, who thus, instead

of competing with each other, get the product at the lowest possible price and then distribute the clip, by some arrangement among themselves, upon its arrival in Boston. And now, as I am advised, a trust has also been formed in the United States, which includes about two-thirds of the leading tanning establishments, for buying the ox and cow hides of the Argentine Republic and other South American countries. The trust is based on $60,000,000 of preferred stock, $60,000,000 of common stock, and $10,000,000 borrowed for running expenses on debentures of the trust. This of course, will place the River Plate hide business in the hands of a single buyer, and utterly prevent any competition in the market here, unless at any time a stray order should arrive from parties not included in the trust. The arrangement has just gone into operation, and already it has quite broken down prices of American hides, in view of which an attempt will be made to open a market for them in Europe.

### WHY THE BULK OF ARGENTINE TRADE IS WITH EUROPE.

As we have seen, the share of the United States in all these figures of importation and exportation has been and continues to be a very small one. The bulk of the Argentine import trade has been from the beginning, and continues to be, with Great Britain, with France, Germany, and Belgium following after in the order named. The causes which have given those countries their supremacy are no mystery, but are patent to all careful observers, and they do not, to any great extent, depend upon any peculiarities of the trade, which they have learned, nor do they result from any close study of the supposed wants and tastes of the people. Of course, wants, tastes, and peculiarities are consulted, where they exist, but these are not the prime reasons which have secured to them, in great part, the control of the Argentine trade.

*Great Britain.*—In the case of Great Britain, which quite monopolizes the imports, we have to go back for the causes to the beginning of the Argentine Republic. The people of that kingdom—immediately after the Argentine war of independence—seeking new homes for themselves and new outlet for their manufactures, at a time indeed when we may be said to have had no manufactures—came in trading colonies to the River Plate and became part and parcel of the country. The basis of the first English settlements here were the armies of Gens. Whitlock and Beresford, which in 1807, after the surrender of the one and the defeat of the other, were so scattered through the interior that but few of the rank and file ever got home again, but married and settled in the country, some engaging in sheep farming and some in trade. As the treaty of commerce with Great Britain conceded to her subjects almost unrestricted trading rights and privileges, with full protection for their lives, their stock, and their merchandise, with exemption from forced loans and exactions. others from that nation immediately followed, some of them men of wealth and position.

These newcomers purchased landed properties and many of them became sheep farmers, the Scotch and the Irish being the pioneers in that industry, which has now grown to such vast proportions; or they engaged in the foreign trade, and thus at once fixed and expanded the commerce between Great Britain and the Argentine Republic, some of the English houses now doing business in the River Plate having been founded upwards of a century ago. They saw their opportunities and they have made such good use of them that that Kingdom now has quite the control of the Argentine trade. The English, Scotch, and Irish settlers, and their descendants in this part of South America are numbered by tens of thousands. Over and above their mere commerce, with its gigantic proportions, there is now invested all over the Argentine Republic an immense amount of British capital in estancia and other lands, in cattle and sheep farming, in manufactures, in mining, in river steamers, in railways, in tramways, in public works, in gas companies, in banking institutions, etc. Thus, with their numerous mercantile establishments in this city and Rosario, and the many lines of steamships between the ports of Great Britain and the River Plate, nothing is lacking to assist, dispatch, and indefinitely augment the commerce which they now so completely control, or strengthen the foothold which they already possess in the country. More than this, the British people have other large amounts invested in the securities of the nation; and their commercial, financial, and business relations are not only an established fact, but they could hardly be more intimate or more complete. They are the bankers, brokers, creditors of the Argentine Republic.

*France.*—Though the trade relations of France with the Argentine Republic are not so complete, they are quite as significant as those of Great Britain. At the same time the social intercourse of the two nations is even more friendly and close. The Argentines, when they travel, go to Paris, and the French, in return, furnish this country with its fashions, of course supplying whatever enters into the fashion account. Thus, there is now a French colony here in Buenos Ayres of over 20,000 people, all engaged in trade or business of some kind, and French trade greatly profits by the

fact that a large proportion of the dry goods merchants of Buenos Ayres are French or have connection with Paris houses; that the modistes here are principally French; that the shoe shops are French; that the furnishing shops are French; that the tailors are French; that the hatters are French; since orders in all these trades and lines of goods are, in great part, sent directly to Paris. In addition to this the Argentines drink French wines and brandies and eat French preparations of food, preserves, confectionary, etc., while the ten thousand different articles of fancy, vertu, and art, which the French know so well how to make attractive, and which so pander to wealth and fashion, have no difficulty in finding a sale here and adding to the imports. But the French trade within the last few years has taken a wider range, and now French experts make annual visits to the River Plate to buy up the wool clip, the quantities of that staple which go forward to Dunkirk for a market increasing every year in amount. In the financial line, also, the French have made some ventures, and it is understood that a good many millions of Argentine bonds and other securities are now held in Paris. This, with a French-Argentine bank in this city to facilitate exchanges, and two or three lines of steamships plying between the ports of France and the River Plate, it is not surprising that the trade relations of the two countries are reciprocally satisfactory.

*Germany and Belgium.*—Both of these countries have a well-defined trade with the Argentine Republic, not commanding in the amount of imports, but reliable, and with a tendency to further development. It is only within the last few years that the Germans commenced operations here on any considerable scale; but they are the most persevering and painstaking merchants in the world; and that they have come here "to stay" is evident from the manner of their business and the methods they have adopted to push it. They have in the country run their distinctive houses, with full supplies of trained business men, all of whom speak Spanish and English as fluently as their native tongue. They have established, also, at least two lines of steamships with the River Plate, and have an Argentine-German bank in successful operation. From very small figures the German import trade is beginning to assume considerable proportions. The fact that the Germans engaged in business here, now number, with their families, 15,000 or 20,000 people, who, in their social relations, thoroughly affiliate with the Argentines, confirms the commercial progress they are making. As they fully understand the trade and take a national pride in pushing German goods to the exclusion, where it is possible, of those of other countries, the auguries are all in their favor. What strengthens their position is the increasing export business which they are doing, Argentine wools now finding quite a demand in German markets. Belgium was formerly the great entrepôt of the wools of the River Plate, the auction sales at Antwerp distributing the products to the different countries of the continent. This trade is now divided with Dunkirk, but the old-time trade relations of the Argentine Republic with Belgium are still to be seen in the long lines of manufactured goods which continue to be imported from that country. While the Belgian colony in Buenos Ayres is not so large as the German, it embraces some of the strongest and best known commercial houses, which have direct business connections with manufacturing establishments at home.

### HOW THE UNITED STATES ARE HANDICAPPED.

Under these circumstances, is it surprising that the United States have such a limited commerce with the Argentine Republic? With the facilities of trade which the nations of Europe generally offer to this country, with the close intercommunication by steamships which exists; with the banking advantages which they enjoy; with their established business houses here; with the interchange of liberal credits which are so essential to trade, how is it possible for us, who are possessed of none of these facilities, to compete with them for the Argentine trade; even though our goods be really of better quality and though they would, at the same prices, be preferred by the people of the River Plate? The wonder is, not that the United States finds difficulty in extending its trade relations with the River Plate, but that it can find any foothold here at all. With the field already occupied by nations which not only have a large reciprocal trade, but are connected with this country by a thousand different business affinities and social ties, we have little reason, with our almost total lack of modern trade methods, to expect a very large share of Argentine commerce. Our commerce with this country at present consists not of a regular, certain, diversified trade; but, in great part, of such raw materials of prime necessity as can not be obtained elsewhere. If we eliminate from our imports to the Argentine Republic the cargoes of timber, of kerosene, and of agricultural implements and machinery, it will be seen that what remains is a very small item, so far as dollars and cents are concerned. The truth is that, socially and commercially, we are strangers to the Argentine people. There are not a hundred citizens of the United States in the entire country; and of these not 25 are engaged in American commercial busi-

ness, and only one or two in the importation of American manufactured goods. It can scarcely be said that, in the ordinary lines of manufactured merchandise, there are any American houses on the River Plate. The business of importing goods from the United States is all in the hands of foreign houses—English, French, and German. It may be safely inferred from this fact that no orders, in the ordinary course of trade, are ever sent to the United States if the same goods can be obtained from their European correspondents, and, other things being equal, they prefer to buy from the latter, if they can, for the reason that it is more convenient and more expeditious.

### ARGENTINE METHODS WITH THE UNITED STATES.

The method usually employed by Argentine houses in doing business with the United States is very simple and very satisfactory to them. They have their established correspondents in New York; and all their orders for American merchandise are sent directly to them, who make the purchases and ship the goods. In each case the Buenos Ayres house states exactly what it wants, and if there is required any special modifications in style, finish, or get-up, these are left to their correspondents to attend to. The American manufacturers of agricultural machinery generally employ established houses of this country as their agents, and ship to them directly or through their New York correspondents, as may be arranged or mutually agreed upon. In some few cases representatives of American houses or manufacturers are sent down here, not to sell by sample, but to offer and arrange terms with well-established houses for particular lines of goods or specialties; and such goods are sent out to them as agents, in stock for sale and disposition; and this manner of making trade, though very much like "playing second fiddle," in some instances has proved quite satisfactory. It fails, however, to place American manufactures upon the same basis as those especially ordered and purchased by them. Selling by sample or orders for goods to arrive is no longer very greatly in vogue, as it has a tendency to lead to complications, misunderstandings, dissatisfaction, and in some cases to downright loss. In the matter of lumber and kerosene, there are several American merchants here who make a specialty of such shipments, though the bulk of the trade is done through foreign houses.

### "PECULIARITIES" OF ARGENTINE TRADE.

In this connection, I may state that I am constantly written to by American manufacturers and merchants who are seeking in the River Plate an outlet for their surplus, to inform them of the "peculiarities" of Argentine trade; of the styles, fashions, and get-up of articles required by the Argentine market in order to secure a foothold here for them. Except as I have already suggested, I have to reply that the import trade of this country requires no particular study of the wishes and tastes of the people. No special experience or familiarity with the Argentine domestic market is necessary, for the reason that it no longer possesses any marked peculiarities. There was a time, in the days of Argentine provincialism, when such matters had to be studied, provided for, and complied with; when the Argentine people, especially those of the interior, were, perhaps, peculiar in some of their styles and fashions; and it would have been fatal to importers not to understand and humor them. All this was in the primitive times, when, for want of tailors, the "quanchos" of the pampa wore breechcloths instead of pantaloons and ponchos instead of boots, and the English manufacturers, in compliance with the fashion, proceeded to manufacture and send out to this market shiploads of such articles in colors even more decided than the native manufacturer could produce, and at prices three or four times cheaper. Some little of all this, in the far interior, yet remains; but their days are fast disappearing, and there are now few markets in the world which are more "cosmopolitan" than that of the River Plate. With the accession, in late years, of a large and varied foreign population from all the countries of Christendom, with a close intercommunication by steamships with all the maritime nations of Europe, with a network of railways connecting the farthest points of the Republic with the commercial entrepôt of Buenos Ayres, the days of early Argentine styles and fashions have pretty much passed away. With Englishmen, Germans, Swedes, Austrians, and Norwegians in close contact with Danes, Belgians, Frenchmen, Spaniards, and Italians, and all these nationalities mingling and intermingling with the Argentines, the latter naturally have in great part laid aside "ponchos," "chiripas," their "poteo boots," and "alpaca sombreros," and now, with the rest of us, take great pride in coats, trousers, shoes, and hats of modern styles. It may be said, generally, that whatever is worn by man, woman, or child in New York, or Berlin, or London, or Paris, is likewise worn here in Buenos Ayres; and it is no longer much of a question which one of those centers of nineteenth-century civilization has furnished the outfits. It is, however, Paris, which sets the fashions for the Argentines. An observing and much-traveled gentleman, who arrived here last week from the United States via

England, informs me, as a striking illustration of the manner in which in recent years the styles and fashions of the world have become uniform, that the crowds he saw swaying down Broadway, New York, and through Regent street, London, in general dress and outward appearance are just like those which are to be seen every day in Calle Florida, Buenos Ayres.

What I have said in reference to dress and personal adornments is equally true in reference to manufactures generally. The same styles, peculiarities, and make-up which now would command the markets of Great Britain or the United States will be found in nearly every detail to be suitable also for the tastes and conditions of this part of South America. Unless merchants or consumers are seeking specialties, they raise no point as to the country from which manufactured articles are received or the particular patterns which they display. It may be said generally that a good article in any line of goods or manufactures, if in other respects it meets the wants or the necessities of the occasion, will, at the same price, hardly fail to command a sale in the retail markets of the Argentine Republic. So that the great and important task with our American manufacturers is to arrange with importing houses here to take what they have to offer. It is unfortunate that there are no American importing houses here to place their goods for them.

### INVOICE PRICES OF MERCHANDISE.

Another point, about which I am solicited by American manufacturers to give information, is the invoice price of the different classes of merchandise shipped here from Europe and the cost of transportation. Such a thing as this, if not morally impossible, is at least quite impracticable. No Argentine importing house—and many of them are connected with or branches of manufacturing establishments in Europe—would on general business principles be willing to reveal to outsiders the secrets of its invoice books, especially when the object of the information was to assist mercantile houses in the United States to undermine its business or compete with it to better advantage in its special lines of imports. Our Government has given strict instructions that its consuls abroad shall not reveal to anyone the invoice prices which exporters to the United States pay for their goods; and it is hardly to be supposed that it would expect them to seek such information in the case of other nationalities shipping to the Argentine Republic.

But the increase of our trade with the Argentine Republic does not hinge or depend on such expedients as these. Merchants and manufacturers in the United States desiring to do business with the Argentine Republic are not likely to depend on consular reports for prices or details of business operations, however much in other respects they may be assisted by them. They will either open correspondence with Argentine houses or send their agents here, and by these means place before the merchants of this country such information in regard to prices, credits, shipments, etc., as will show them exactly what they can do; and they will in return learn all that is necessary to be known by their principals in regard to styles, make up, packing, and other details of the market for each particular class of goods they manufacture or have to sell. They will thus at once learn if they can put down their merchandise here as cheaply and on as satisfactory terms as the European shippers.

### HOW AMERICAN TRADE MAY BE INCREASED.

Even this, however, does not go to the "bottom" of the question of an increase of our trade relations with the Argentine Republic. It is not by these means alone, if at all, that we can expect to divide the Argentine trade more equally with the commercial nations of Europe. They already have too much the advantage of us for us to gain much by such expedients. During all the years since Argentina became a nation they have been, consciously or unconsciously, preparing to monopolize its trade. They have established and have now in operation all the facilities and appliances for doing so.

1. They have their numberless lines of steamships running to and from the River Plate. There is scarcely a day in the week that a steamer from some European port does not arrive at Buenos Ayres, and thus the receipt of merchandise can be counted on here to a day. The stimulus and impetus which these constantly arriving and departing steamships give to trade is incalculable. In this age of the world sailing vessels are no longer employed except for the heaviest freights, such as coal or lumber or salt or crude sugar or wines or kerosene or heavy machinery. Everything in the hardware, the grocery, or the dry-goods lines, intended for the Buenos Ayres market, now comes by steamers, and the merchant who gives his order by cable to his agent in a European port knows that it will be filled and delivered here within twenty-five or thirty days.

2. The advantage which steam communication gives to European manufacturers and wholesale houses in their trade with the River Plate is supplemented and enhanced by the fact that the mercantile firms in the importing business here are as a general

thing, branches of established houses or manufacturing companies in the business centers of the old world, or they are their sole and immediate agents; and by a long course of trade now have their confidence and their business. They are thus enabled to obtain their goods at times and in quantities to suit their requirements, accompanied by the most favorable terms and credits.

3. Another and most decided advantage which Europe enjoys is its extended banking and exchange facilities with the River Plate. The value of these in the general conduct of trade can hardly be overestimated. The business of exchange, collecting, remitting, and furnishing the needs of trade is a most important element in the details of reciprocal commerce, and in its way contributes quite as much to its success as rapid and reliable transportation. Here in Buenos Ayres Great Britain has five banks; France has 1 bank; Italy has 2 banks; Spain has 1 bank; Germany has 1 bank; Brazil has 1 bank; all doing a general business in discounting bills, making loans, attending to collections, receiving deposits, issuing bills of exchange, giving letters of credit, transferring funds, receiving goods on bill of lading, etc.

By these sure methods have the leading nations of Europe laid the foundations of a fixed and permanent trade with the Argentine Republic. They are prepared to handle its foreign commerce with certainty and dispatch and at the same time with a profit to all through whose hands it passes. This has been considered by them as a matter of more importance than mere panegyrics on the excellence or superiority of what they may have to sell, for they argued, and argued correctly, that if the people of another nation have a demand for any particular article of merchandise or manufacture they will buy it—even though it may be perhaps inferior—where they can procure it with the greatest facility and receive it in the quickest time.

It would be well if, in these respects the United States could follow the example thus set them. Until we do, our commercial relations with the River Plate must remain, in a great measure, as they are. In all the years that we have been striving for the trade of the River Plate we have made but little provision for obtaining it. Until we do we will merely continue to send down here only such articles as can not be procured elsewhere. We can not expect to come into a large business with this country by finding out the invoice prices of goods shipped from Europe and thinking to duplicate them. We should have close and frequent intercommunication with the Argentine Republic by means of regular lines of steamers; we should have distinctive American business houses in Buenos Ayres; we should have more satisfactory banking facilities; and, with all, we should give the Argentine Republic a less restricted market for its products in return for our own.

### STEAM COMMUNICATION WITH THE UNITED STATES.

The people of the River Plate have so often been promised, and have so often had the promise fail, of a steamship line under the flag of the United States that they have pretty much lost all expectations of the accomplishment of such an enterprise. A year ago they were rejoicing in the arrival of a steamship or two belonging to the New York and Brazilian line direct from New York, but the subsequent failure of the company put an end to its good intentions. Since then Messrs. John Norton & Sons, of New York, well-known South American shippers, have had the enterprise to organize a line of chartered steamers under the British flag, which have been making monthly voyages from New York. A company owning the "Prince line" has also been sending steamers down here during the last few months; and more recently steamers of the Lamport and Holt Liverpool Company have been making trips from New York to this port. If any or all these lines can be kept up, and will make return voyages, with provision for passengers, to the United States, we shall no longer have reason for complaint, even though they may not be under our flag. What the trade needs and requires, however, is a feeling of assurance and reliance that this communication is not a mere temporary expedient, but that it will be permanent and regular. With this accomplished perhaps the other prerequisites to the increase of American trade with the Argentine Republic may follow in time.

### TRADE RETURNS FOR 1893.

The trade returns of the Argentine Republic for the first nine months of 1893 have just been published, and very satisfactorily supplement the opinion I have already given, that with the return of commercial confidence the business of the country is decidedly improving. The first three quarters of this year, compared with those of 1892, give the following result:

| Description. | 1892. | 1893. |
|---|---|---|
| Imports for nine months | $68,710,051 | $73,945,598 |
| Exports for nine months | 72,770,048 | 73,711,222 |
| Total | 141,480,099 | 147,656,820 |

The following table gives the imports from and exports to each country trading with the Argentine Republic for the first three quarters of 1893:

| Countries. | Imports. | Exports. |
|---|---|---|
| Germany | $8,537,120 | $8,209,797 |
| West Indies | | 692,315 |
| Belgium | 7,261,694 | 8,932,743 |
| Bolivia | 58,514 | 322,842 |
| Brazil | 1,564,237 | 10,632,417 |
| Chile | 289,728 | 1,355,687 |
| Spain | 1,980,317 | 1,720,291 |
| United States | 5,398,991 | 2,437,392 |
| France | 9,388,288 | 13,152,680 |
| Italy | 7,121,207 | 2,469,888 |
| Holland | 132,569 | 65,440 |
| Paraguay | 822,948 | 244,948 |
| Portugal | 88,323 | 955,745 |
| Great Britain | 24,681,516 | 15,164,342 |
| Norway and Sweden | 4,975 | |
| Uruguay | 2,038,470 | 3,426,011 |
| Country not named | 1,792,634 | 3,655,465 |
| Total | 71,078,531 | 73,497,003 |

IMPORTS FOR NINE MONTHS OF 1893.

The amount of imports in each branch of trade for the first nine months of 1893, compared with the same period of 1892, is given in the following table:

| Articles. | 1892. | 1893. |
|---|---|---|
| Live stock | $360,790 | $143,702 |
| Alimentary articles | 9,608,067 | 7,776,709 |
| Liquors | 4,369,891 | 5,887,237 |
| Tobacco | 264,294 | 305,507 |
| Textile fabrics | 20,148,138 | 21,500,518 |
| Ready-made clothing | 2,812,141 | 3,863,930 |
| Drugs and chemicals | 2,537,733 | 2,968,040 |
| Lumber and its applications | 2,518,521 | 3,587,473 |
| Paper and its applications | 1,807,490 | 2,401,714 |
| Leather and its applications | 447,038 | 674,362 |
| Iron and its applications | 5,866,119 | 8,421,320 |
| Railway and other materials | 2,904,649 | 2,678,901 |
| Various metals and their applications | 684,585 | 1,137,374 |
| Glass and stone ware, etc | 1,131,796 | 1,712,463 |
| Combustibles, kerosene, etc | 4,737,112 | 5,175,909 |
| Various manufactured articles | 2,173,708 | 2,843,372 |
| Total | 62,372,072 | 71,078,531 |
| Imports of gold | 6,337,979 | 2,867,067 |
| Total | 68,710,051 | 73,945,598 |

EXPORTS FOR NINE MONTHS OF 1893.

The following table gives the exports in each branch of industry for the first nine months of 1893, compared with those for the same period of 1892:

| Articles. | 1892. | 1893. |
|---|---|---|
| Pastoral products | $42,073,751 | $38,936,892 |
| Agricultural products | 21,015,289 | 25,898,584 |
| Industrial products | 4,266,976 | 4,016,127 |
| Products of the forests | 694,354 | 1,910,577 |
| Products of the mines | 543,789 | 261,582 |
| Products of the chase | 305,395 | 672,189 |
| Animal and vegetable sundries | 1,321,634 | 1,084,026 |
| Various articles | 627,255 | 717,026 |
| Total | 70,848,443 | 73,497,003 |
| Exports of gold | 1,921,605 | 214,219 |
| Total | 72,770,048 | 73,711,222 |

These returns, both of imports and of exports, are full of encouragement to the country. The increase of exports, which continue to be in excess of the imports, show that the balance of trade still remains on the right side of the commercial ledger. One of the most encouraging items in the above table of exports is the steady increase which agricultural products continue to exhibit. The decrease in the pastoral exports is only apparent, owing to the fact that the wool clip, which is believed to be larger than usual, had not at the end of September been shipped from the country. It will swell the aggregate returns for the year.

### THE PREMIUM ON GOLD.

The returns of trade for the last nine months imply, perhaps, more than they actually show. The business of the year, so far as this port is concerned, has been reasonably fair. But for the interruptions caused by political movements and the frequent uprisings in the interior, the year would have been a good one. It is this rampant spirit of revolution which prevents the restoration of commercial confidence and postpones the return of trade to its normal condition. It is probably this fact which tends to keep up the high premium on gold. In November, 1891, the value of the Argentine gold dollar was $3.75 in paper; in November, 1892, it was $2.80 in paper, and now while I write it is $3.27 in paper. That is to say, the dollar in paper currency is now worth not quite 31 cents gold. As a matter of some interest in a commercial point of view, I give from the Buenos Ayres Standard the following résumé, showing the price in paper currency of $100 gold since the beginning of the present year, as also of the previous years:

| | Highest. | Lowest. | Average. |
|---|---|---|---|
| January | $318 | $290 | $301 |
| February | 328 | 309 | 317 |
| March | 324 | 306 | 314 |
| April | 315 | 301 | 306 |
| May | 319 | 305 | 314 |
| June | 347 | 320 | 327 |
| July | 343 | 323 | 333 |
| August | 358 | 336 | 345 |
| September | 362 | 346 | 352 |
| October | 344 | 314 | 328 |
| November | 329 | 315 | 324 |

The lowest quotation since the beginning of the year was $290, on January 11; the highest, $362, on September 25th. The value of the paper dollar in January averaged 16 pence, and in September 13¼ pence.

The average quotations of the above months in 1891, 1892, and 1893 ran thus:

| | 1891. | 1892. | 1893. |
|---|---|---|---|
| January | $319 | $380 | $301 |
| February | 336 | 365 | 317 |
| March | 351 | 346 | 314 |
| April | 347 | 341 | 306 |
| May | 379 | 330 | 314 |
| June | 383 | 317 | 327 |
| July | 379 | 323 | 333 |
| August | 398 | 326 | 345 |
| September | 403 | 327 | 352 |
| October | 437 | 318 | 328 |
| November | 372 | 289 | 324 |

The average quotations for the quarters ending February 28, May 31, August 31, and November 30, in the last three years, were—

| Quarter. | 1891. | 1892. | 1893. |
|---|---|---|---|
| February 28 | $322 | $373 | $300 |
| May 31 | 359 | 339 | 311 |
| August 31 | 387 | 322 | 335 |
| November 30 | 404 | 311 | 335 |

This seems to show that the seasons have little or no marked effect on the price of gold. In 1892 the premium was highest in the early months of the year, and in 1893 it was the lowest at the same period.

We may close this table by giving the highest, lowest, and average quotations of 100 gold dollars in the nine years that have elapsed since the suspension of specie payments, viz:

| Year. | Highest. | Lowest. | Average. |
|---|---|---|---|
| 1885 | $165 | $113 | $137 |
| 1886 | 160 | 110 | 139 |
| 1887 | 153 | 120 | 135 |
| 1888 | 160 | 137 | 148 |
| 1889 | 242 | 148 | 180 |
| 1890 | 326 | 211 | 257 |
| 1891 | 461 | 301 | 373 |
| 1892 | 389 | 265 | 329 |
| 1893 | 362 | 290 | 324 |

The highest quotation was in October, 1891, when the paper dollar fell to almost 10 pence (10.3) of English money.

### THE GENERAL OUTLOOK OF TRADE.

In regard to the outlook of trade, opinions are conflicting and contradictory. Some believe that the political peace of the country is now assured, and that business in the coming year will be much more buoyant; while others take a pessimistic view of the situation and say that if the state of seige were removed the political elements would again be in a revolutionary ferment. But for this uncertainty the effects of the crisis on the business of the country would scarcely now be appreciable. There have been no important failures during the last year, and some mercantile houses that asked for extensions when the crisis was at its worst are once more able to meet their current engagements. There are others, however, who, though they have thus far managed to stem the tide, are quite exhausted by the effort, and they may be compelled to succumb to the inevitable. But for all this there is an increasing activity in industrial pursuits, and the interior, now that the railways are once more in full operation, is sending forward its supplies of wool, hides, and cereals. The streets of Buenos Ayres are once more assuming a busy appearance; bolsa transactions are more confident, and the banks are discounting more freely. Altogether it would seem, so far as the people are concerned, that the beginning of the new year will be the beginning of better hopes and better business for the country. An immense amount of rubbish in the line of defunct and bankrupt joint stock companies has been cleared away in the last twelve months, to the general satisfaction of the unfortunate shareholders, and their next investment will be made on a different basis. Even real estate, which since the crisis has been a drug in the market, is once more looking up, and not merely city but "camp" property is beginning to find buyers at good prices.

### ARGENTINE TARIFF FOR 1894.

The National Congress has, after a very long and excited discussion, just passed the customs tariff for 1894. In many respects it corresponds to the old law, though there are a number of important changes. I give below a translation of its provisions:

### AD VALOREM DUTIES.

ARTICLE I. All foreign merchandise imported into the country for consumption shall pay a duty of 25 per cent on its valuation, in deposit, except as follows:

(1) Harness, trappings, and metal articles for the same; woolen, silk, linen, cotton or mixed goods partly made up; confections and articles partly made up; match boxes; boots and shoes, made or partly made; funeral wreaths and crowns; furniture made or in pieces; objects of art and fancy; perfumery of all kinds; ready-made clothing; hats and caps other than those with specific duty,—which shall pay a duty of 60 per cent.

(2) Arms and accouterments, cartridge cases, firecrackers, mosaics, ammunition, powder for sporting purposes, and raisins,—which shall pay a duty of 50 per cent.

(3) Brass wire; leather in general; fine laces; stockings of all kinds; mica; ribbons and cords; plated buckles and clasps; silk and mixed goods generally; knit

goods for underwear; dress skirts; childrens' clothing,—which shall pay a duty of 40 per cent.

(4) Iron or steel wire from No. 1 to 13 in rolls or spools; raw cotton, with or without the seed; jewelry; plows; saffron; sulphur in the crude state; soda or mineral alkali; twine and wire in spools for binding purposes; fire brick; machinery and materials for public lighting, whether by gas or electricity; engines and machinery for industries and which can not be applied to other uses; engines run by steam, gas, compressed air, or electricity; sewing machines and needles; detached motors; nitrate of soda for industries; loose pieces for repairing machinery; white pine and spruce square or sawed; printing and lithographic presses; silk and thread for embroidery; sulphate of lime; molding clay,—which shall pay a duty of 5 per cent.

SPECIFIC DUTIES.

(5) And the following specific duties:

| | | |
|---|---|---|
| Vegetable oils | per kilo.. | $0.12 |
| Steel, in ingots | do.... | .02½ |
| Galvanized wire, from No. 1 to 13 | per 10 kilo.. | .05 |
| Starch | per kilo.. | .09 |
| Sackcloth and duck | do.... | .01 |
| Rice starch | do.... | .02 |
| Rice, including coverings | do.... | .03½ |
| Sugar: | | |
| Unrefined | do.... | .07 |
| Refined | do.... | .09 |
| Liquids: | | |
| Alcohol— | | |
| In casks (79°) | per liter.. | .15 |
| In bottles (79°) | do.... | .30 |
| Bitters, anise, cognac, gin, kirsch, and other liquors— | | |
| In casks (68°) | do.... | .25 |
| In bottles (68°) | do.... | .30 |
| Beer and cider— | | |
| In casks | do.... | .10 |
| In bottles | do.... | .15 |
| Liquors (68°)— | | |
| In casks | do.... | .25 |
| In bottles | do.... | .30 |
| Common wine (14°)— | | |
| In casks | do.... | .08 |
| In bottles | do.... | .25 |
| Fine wines— | | |
| In casks | do.... | .25 |
| In bottles | do.... | .25 |
| Wine, concentrated | do.... | 1.00 |
| Coffee | per kilo.. | .08 |
| Iron pipes— | | |
| 75 milimeters in diameter | do.... | .00½ |
| Galvanized | do.... | .03½ |
| Chocolate | do.... | .60 |
| Copper: | | |
| In bars and ingots | do.... | .20 |
| In sheets | do.... | .10 |
| Preserves, generally | do.... | .30 |
| Pickles | do.... | .15 |
| Specifics for curing scab in sheep | do.... | .12½ |
| Tin | do.... | .02 |
| Stearin | do.... | .14 |
| Farina | do.... | .00½ |
| Macaroni | do.... | .09 |
| Wax matches | do.... | .80 |
| Wooden matches | do.... | .40 |
| Biscuits and crackers | do.... | .15 |
| Glycerin, for industrial purposes, to 30° | do.... | .02 |
| Iron and steel: | | |
| Ungalvanized | per 10 kilo.. | .02 |
| Galvanized | do.... | .02 |
| Kerosene | per liter.. | .03 |
| Canvas duck | per kilo.. | .03 |
| Butter | do.... | .30 |
| Lard | do.... | .18 |
| Ginger | do.... | .50 |
| Playing cards | per gross.. | 30.00 |
| Felt for hats: | | |
| Unworked | per piece.. | .40 |
| Worked | do.... | .80 |
| Paper: | | |
| Writing and printing | per kilo.. | .03 |
| Sand | do.... | .09 |
| Other kinds | do.... | .15 |
| Lead | do.... | .00½ |
| Paris points | do.... | .02½ |
| Cheese | do.... | .30 |

| | | |
|---|---|---|
| **Salt:** | | |
| Fine | per 100 kilo.. | 2.00 |
| Coarse | per hectoliter.. | .20 |
| **Hats:** | | |
| Silk | each one.. | 2.50 |
| Felt | do.... | 1.00 |
| Wool | do.... | .50 |
| **Tobaccos:** | | |
| Havana cigars | per kilo.. | 4.00 |
| Other kinds | do.... | 2.00 |
| Havana tobacco, cut | do.... | 2.00 |
| Other kinds, cut | do.... | 1.00 |
| Paraguayan, cut | do.... | .50 |
| Cigarettes | do.... | 2.00 |
| Snuff | do.... | 2.00 |
| Tobacco, in the leaf | do.... | .50 |
| **Tea** | do.... | .25 |
| **Stearin and paraffin candles** | do.... | .15 |
| **Yerba-maté:** | | |
| Paraguayan | do.... | .06 |
| Brazilian | do.... | .05 |
| In bags | do.... | .05 |
| In the leaf | do.... | .02 |
| **Zinc, in ingots or bars** | per 10 kilo.. | .03 |

All liquors, when they exceed the maximum degree of strength, shall be surcharged with half a cent per liter for each degree of excess.

In all articles paying specific duty, according to weight, only the immediate first covering shall be considered, except in the case of tea and such articles as come in wooden casks, which shall pay according to their net weight.

EXPORT DUTIES.

ART. II. The following products and manufactures shall pay an export duty of 4 per cent *ad valorem*, to wit: Animal oil, horns and horn piths, jerked beef, bone ash, hair, hides and pelts in general, hide cuttings, bones; wool, washed or unwashed; ostrich feathers, and grease and tallow. Old iron shall pay a duty of 25 dollars per thousand kilograms.

FREE LIST.

The following articles shall be imported free of duty, to-wit:

Animals for breeding purposes, with the exception of race horses: White sand (de Fontainebleau); quicksilver; drills for mining purposes, up to 75 centimeters in length; vessels, rigged or unrigged; sugar cane; stone and charcoal; Guayaquil materials for making buttons; wooden and iron casks for tunning; corks; bark of the cork tree; shooks for barrels; cases, boxes, etc., for packing preserved meats with a view to their exportation; filters of the Pasteur system; fresh fruits, except grapes; dynamite explosives; guides and torches for mines; old iron; wheat and corn meal; wood of all kinds; wool, cotton, jute, and hemp yarns and threads for looms; printed books and copy books; locomotives; hops; agricultural machinery; mining machinery; engines for steamers; corn, shelled or unshelled; furniture and tools of immigrants; coined money; railway and tramway materials; materials for telegraph; materials for the Entre Riano Railway and those of the province of Santa Fe; crude naphtha and petroleum; objects used in Catholic worship; gold in powder, grain, or bullion; vegetable fiber for the manufacture of paper; fresh fish; silver in bars or ingots; plants; rabbit skins; mining powder; seeds for agriculture; wheat; furniture and supplies for schools.

ART. IV. The President is not allowed to make other exemptions than those accorded by this law.

ART. V. All import duties shall be liquidated according to a tariff of values formed on the base of the price of the articles in deposit; and those on articles exported according to the value of the articles at the time of shipment. On all imports not included in the tariff of values the duties shall be assessed according to the invoice price.

ART. VI. The custom-house may retain for 48 hours all articles whose declared value is considered too low for inspection, and may, in such cases, take articles with 10 per cent addition, if so disposed.

ART. VII. All duties for imported articles must be paid before their delivery.

ART. VIII. All duties can be paid in paper currency according to the premium on gold, as fixed from time to time by the minister of the treasury.

FINANCIAL CONDITION OF THE ARGENTINE REPUBLIC.

In the general outlook of Argentine finances there are perhaps a few glimpses of returning light: but the promise after all may be illusive. The situation during the past three years of crisis has been greatly complicated, so far as Government indebt-

edness is concerned, by the utter inability or utter unwillingness of the national Congress to curtail expenses and practice economy. Outside of the budget the amount of extra appropriations have continued to be beyond all proportion to the revenues collected—thus entailing deficiencies upon deficiencies, and leaving the Government quite helpless to extricate itself from the embarrassments, on account of its bonded indebtedness, which have so weakened Argentine credit, both at home and abroad. Thus the appropriations of the last three years, instead of being covered by the budget, appear to have been in round numbers, reduced to currency, as follows:

| Appropriations. | 1890. | 1891. | 1892. |
|---|---|---|---|
| Amount of budget | $61,800,000 | $91,500,000 | $74,100,000 |
| Extra appropriations | 33,500,000 | 34,900,000 | 54,000,000 |
| Total | 95,300,000 | 126,400,000 | 128,100,000 |

So that while the finance minister, basing his calculations on the amounts fixed for the Government expenditures by the budget, has been working for and anticipating a surplus, the outside appropriations have been so great that the treasury at the end of each year has found a deficiency staring it in the face—the total in the three years named amounting to the colossal sum of upwards of $122,000,000 currency, equal to $35,000,000 gold—enough almost to have met the interest in default on the public debt.

## NATIONAL REVENUES OF 1892.

The national revenues for 1892 were $1,342,515 in gold and $103,698,239 in paper, the whole reduced to paper, according to the figures of the national statistical office, amounting to $107,725,784, against $77,404,328 paper in 1891. The following table gives the different items of revenue:

| Sources of revenue. | Amount. | Sources of revenue. | Amount. |
|---|---|---|---|
| Importation | $77,115,210 | Port and mole dues | $198,145 |
| Exportation | 8,510,719 | Internal taxes: | |
| Warehousing | 1,609,243 | Alcohol | 2,795,496 |
| Stamped paper | 4,141,285 | Beer | 262,262 |
| Stamps | 660,941 | Matches | 1,077,840 |
| Licenses | 1,263,164 | Cards | 546,160 |
| Land taxes | 1,253,205 | Waterworks | 2,595,323 |
| Post-office | 1,918,043 | Sundries | 783,412 |
| Telegraphs | 796,421 | | |
| Light-houses | 417,875 | Total | 107,725,784 |
| Sanitary visits | 86,714 | | |

This amount in paper reduced to gold at 329, the average price of gold during 1892, makes the revenue for the year just $32,743,400 in Argentine coin.

According to the President's message, however, the total receipts for 1892 were $112,659,502 in paper and $1,553,545 in gold. Reducing the paper at the above rate, the receipts would be $35,796,645 in gold.

## CONGRESSIONAL APPROPRIATIONS.

The following appropriations, i. e., those included in the budget for the support of the Government for the year 1892, according to the figures of the national statistical office, were as follows:

| Department. | In paper. | In gold. |
|---|---|---|
| Interior | $13,625,386 | |
| Foreign relations | 261,120 | $256,690 |
| Treasury | 3,911,146 | 10,993,657 |
| Worship, justice, and education | 7,162,558 | |
| War | 11,040,586 | |
| Navy | 5,734,824 | |
| Total | 41,735,720 | 11,250,337 |

Besides these appropriations, however, there were others called extraordinary, amounting to about $54,000,000; so that instead of there being a surplus in the treasury at the end of 1892, there was an alarming deficiency. The President says: "The expenses of the nation during last year reached to the sum of $47,878,650 in paper and $23,255,354 in gold. These have been paid in part by the revenue receipts, together with the issue of bonds of the Moritorium loan and those authorized to be issued for the port of the capital." The last two items, of course, are so much added to the bonded debt of the nation.

So far as the year just closing is concerned, it is the same old story of expenditures beyond the revenue. The estimated receipts for 1893 were, in round numbers, $55,200,000 in paper and $25,270,000 in gold—say $43,700,000 in gold. The expenditures were estimated $50,900,000 in paper and $28,020,000 in gold—say $45,000,000 in gold; thus, on their face, showing an estimated deficiency of $1,300,000 gold. What will be the actual figures of the year's financial operations yet remains to be seen, but that there is a deficit much larger than the foregoing estimated amount is fully understood. The President deplores this manner of conducting the finances of the nation, and is urgent that in the future Congress shall so legislate as to put a stop to these deficits. He says:

"It must be understood that national deficits produce floating debts, and these in turn are transferred to bonded debts. Deficits in the revenue and the existence of a large floating debt are an unequivocal indication of bad finances and very bad government. If we are determined to overcome the crisis it is necessary that our expenses shall not be greater than our receipts. It is absurd and in bad taste for us to be compounding with the nation's creditors, getting them to reduce the interest on the bonds we have sold them and suspend their amortization, if at the same time we go on recklessly increasing the current expenses of the Government. While we are thus arranging for the interest which, owing to the financial condition of the treasury, we have not been able to meet, both honor and honesty, to say nothing of our duty, should oblige us to fix the public expenditures at the smallest limit at which it is possible to carry on the Government and assist in the development of the country."

### BUDGET FOR 1894.

Congress has just passed the budget or general appropriation bill for 1894. The items are as follows:

| | Paper. | Gold. |
|---|---|---|
| Congress | $1,389,028 | |
| Interior department | 20,723,956 | $2,400,000 |
| Foreign relations department | 802,156 | 277,080 |
| Treasury department | 6,446,801 | 16,006,571 |
| Justice, worship, and education departments | 10,852,726 | |
| War department | 15,279,101 | |
| Navy department | 8,291,244 | |
| Total | 64,285,012 | 18,683,651 |

The receipts of the Government for 1894 are estimated, from all sources, to be $34,343,400 gold and $23,730,000 paper.

### NATIONAL BONDED DEBT.

The bonded indebtedness of the Argentine Republic on the 31st of December, 1892, according to the figures of the national statistical office, was as follows:

| | |
|---|---|
| Internal bonded debt, gold | $224,253,265 |
| External bonded debt, gold | 187,341,968 |
| Total | 411,595,233 |

This shows an increase of $51,436,017 on the figures of the same authority for 1891. Besides this bonded debt payable in gold, there is a bonded debt payable in paper amounting to $46,061,801, an increase of $7,576,647 since the statement of the previous year.

### THE THREE YEARS MORITORIUM.

No interest has been paid on this indebtedness since 1890, the year when the crisis struck the Government so severely that it was unable to raise the money to meet the service. It was then that the Government made an arrangement with its creditors by which the interest for the years 1891, 1892, and 1893 was to be paid in bonds, the proceeds of a *moritorium* loan of $75,000,000. By the provisions of this contract, the bonds were placed in the hands of J. S. Morgan & Co., of London, who, for a commission of 3 per cent, were to deliver the same in proper amounts on the presentation of the outstanding interest coupons. The *moritorium* was fixed for three years, as the Argentine minister of finance figured out, on paper, that at the end of 1891 there would be a surplus in the Treasury of $2,165,000 in gold; at the end of 1892, a further surplus of $10,190,227 in gold, and at the end of 1893 a still further surplus of $8,100,557 in gold. Thus at the end of the three years there would be a total balance in the treasury of $20,456,782 in gold, with which to resume the service of the foreign debt. The arrangements seemed to please, if not to satisfy, both the bondholders and the Argentine people; but it was my opinion, expressed at the time, that the whole scheme would fail; that there would be no surplus as imagined; and no resumption of the interest at the end of the three years. I did not think that the Government had or would have for years the available resources to meet the service of its obligations, with all the economies it might practice and all the surpluses it might be able to accumulate; and I said it would have been a public relief if the Government had defaulted outright, and thus to have placed itself in a position to receive overtures from its creditors, for in my opinion "the only hope of the Argentine Republic was in a scaling of the amount of its indebtedness or getting its creditors to agree upon a lower rate of interest."

### A NEW ARRANGEMENT FOR PAYING THE INTEREST.

And this is exactly what has at last been agreed upon. Long ago it was discovered that the *moritorium* arrangement could not be carried out, for the very reasons expressed by me, and during the last year the Government has been arranging with its creditors abroad for a reduction in the rate of interest. The scheme to this end, arranged by the Rothschild committee, was proposed by Dr. Romero, at that time minister of finance, on the 12th of October last, and it has just now been agreed to and ratified by the Argentine Congress. By the express terms of this compact, the indebtedness on which the interest is thus agreed to be paid does not include the entire bonded debt of the Government, but the sum of $222,531,022 gold, which is held or was negotiated abroad, equal to £44,152,975 sterling. The following table, taken from the official schedule, shows the number, the name, and the amount of the different loans thus provided for, and the several banking houses which are charged respectively with the service of the interest:

| No. | Denomination of loan. | Amount. | Bankers charged with the service. |
|---|---|---|---|
| 1 | Loan of 1886–'87, 5 per cent | £7,582,000 | Bank of Paris, Baring Bros. & Co., and J. S. Morgan & Co. |
| 2 | Loan city drainage, 1892, 5 per cent | 6,324,400 | Baring Bros. & Co. |
| 3 | Loan consolidated, 1891, 6 per cent | 6,593,000 | J. S. Morgan & Co. |
| 4 | Loan railways, 1881, 6 per cent | 375,440 | Bank of Paris and Baring Bros. & Co. |
| 5 | Loan Buenos Ayres, 1824, 6 per cent | 166,257 | Baring Bros. and Co. |
| 6 | Loan of 1884, 5 per cent | 1,471,500 | Bank of Paris and Baring Bros. & Co. |
| 7 | Loan N. C. Railway, 5 per cent | 3,768,100 | Do. |
| 8 | Loan conversion, 1887, 5 per cent | 585,150 | Baring Bros. & Co. |
| 9 | Loan N. C. Railway, 5 per cent | 2,883,680 | J. S. Morgan & Co. |
| 10 | Loan National Bank, 1887, 5 per cent | 1,887,301 | Disconto Gesellschaft, Berlin. |
| 11 | Loan Buenos Ayres port, 5 per cent | 1,384,700 | Bank of London and River Plate. |
| 12 | Loan internal, 1888, 4½ per cent | 3,674,087 | Deutsche Bank and Baring Bros. & Co. |
| 13 | Loan conversion, 4½ per cent | 5,030,080 | Disconto Gesellschaft and Baring Bros. & Co. |
| 14 | Loan conversion, 3½ per cent | 2,447,280 | Stern Brothers. |
| | Total in pounds sterling | 44,152,975 | |

### STIPULATIONS OF THE ROTHSCHILD AGREEMENT.

By the stipulations of the agreement between the Argentine external bondholders and the Argentine Government it is provided as follows:

First. From the 12th of July, 1893, until the 12th of July, 1898, the Argentine Government is to remit annually through the Argentine Legation in London the sum of £1,565,000 sterling to meet and discharge the coupons for interest on the several

loans specified above, to be distributed and apportioned as follows: 4 per cent per annum on loans numbered 1 and 2; 5 per cent per annum on loan numbered 3; and on all the other loans, numbered from 4 to 14, 60 per cent per annum of the interest respectively falling due on the same.

Second. From the 12th of July, 1898, to the 12th of July, 1899, the Argentine Government shall remit to the Bank of England, or agent named by the Rothschild committee, the sum total of the interest due on the said 14 loans, for the said twelve months, to be distributed as follows: 5 per cent (the total interest) on loan numbered 1; on all the other loans, numbered from 2 to 14, the same amount of interest as in the preceding five years; also a sum sufficient to reimburse to the holders of loan numbered 1 the amount of interest deducted during the previous five years—i. e., 1 per cent—and any remaining balance to the holders of bonds numbered 3 for deferred interest.

Third. From the 12th of July, 1899, to the 12th of January, 1901, the Argentine Government shall pay the entire interest on each class of bonds of its national debt negotiated abroad.

Fourth. From the 12th of January, 1901, to the extinction of the several loans, respectively, the Argentine Government shall not only pay the entire interest on its external debt, but also the amortization fund in each case, as provided for in the conditions of their emission.

It will be seen that no provision is made for what is called the internal bonds, amounting to $189,064.20. For the interest on such bonds, as also on the floating debt ($12,985,000), and for the payment of the interest on the cedulas of the National Mortgage Bank, and for the redemption of the outstanding national-bank note circulation, probably some arrangement will hereafter be made; but at present the Government will have as much as it will have the means to accomplish in attending to its foreign debt according to the foregoing compact. The President, in alluding to the subject in his recent message to Congress, says:

"I have made the most careful estimates possible in regard to the progressive increase of the revenues of the country, and these are the bases of the arrangement. It has been made on the hypothesis that the receipts of the national treasury, severely and economically administered, will permit us to meet the obligation we have thus solemnly taken upon ourselves, and that the regular and probable improvement in our revenues will give us the means to comply honestly with our obligations. I must declare to you that on the basis of this agreement our honor will oblige us to give to our creditors all that our resources will permit us to, and I trust that such is the sentiment of Argentine Congressmen and the people they represent. We must omit no effort or sacrifice in order to save the sinking credit of the nation."

And in order to show that the arrangement can be carried out, the President, in another paper submitted to Congress through the finance minister, proceeds to estimate the probable resources and expenditures of 1894. He assumes that, including not only the interest on the foreign debt, but also on the internal debt and railway guarantees, the expenditures will be $74,004,356 in paper and $17,168,097 in gold for next year; and he estimates that the revenues for that year will be $26,305,800 in paper and $34,342,982 in gold. Thus, while there will be a deficiency of $47,701,556 in paper, there will be a surplus of $17,174,884 gold. So that calculating gold at 300—it may be higher—he argues that there will be an actual surplus in the treasury at the end of 1894 of $3,823,097 in paper. These figures and estimates, however, are already spoiled by the action of Congress in the appropriations for the next year.

### BONDED DEBTS OF THE PROVINCES.

The bonded indebtedness of the several provinces remains at about the figures of last year, say, $122,960,000 in gold, most of which is held in Europe. The amounts standing against each province are as follows:

| Provinces. | Amount. |
|---|---|
| Buenos Ayres | $41,760,000 |
| Santa Fé | 27,982,000 |
| Córdoba | 34,425,000 |
| Mendoza | 5,100,000 |
| San Juan | 2,577,000 |
| San Luis | 1,600,000 |
| The other eight provinces | 9,516,000 |
| Total indebtedness | 122,960,000 |

The provinces have not paid the interest on their bonds for the last three years, and they are in no better condition to meet that service now than they were then. Indeed, their resources were such that, excepting, perhaps, the provinces of Buenos Ayres and Santa Fé, none of them were in such financial condition as to warrant the contraction by them of debts so out of all proportion to their ability to pay. The whole thing was done through promoters, agents, and brokers, whose only object was to secure the large percentage charged on the transactions, without regard to the solvency of the provinces or anxiety for the duped who were induced to take their bonds. The amount of interest thus in default is about $9,000,000 per annum, or $27,000,000 for the last three years. So far from being able to pay the interest on their debts, they are not even able to raise revenue enough to meet their current expenses, their deficits last year in this respect amounting to about 60 per cent. Indeed, the present financlal condition of some of them is so straitened that the National Congress, with a generosity which forgets that the nation has just got a reduction of the interest on its own debt, is now busily engaged in voting assistance to them out of the public treasury.

### THE NATIONAL MORTGAGE BANK.

The indebtedness of the Government on account of the National Hypothecary Bank shows some little change for the better during the last year. This bank was organized in 1886, with power to issue cedulas on loans of real estate in any and all the provinces and territories. Thus far it has issed five series of cedulas in paper to the amount of $92,170,000, at 7 per cent interest and 1 per cent annual amortization, and one series in gold amounting to $20,000,000, at 5 per cent interest and 1 per cent amortization. Of the paper cedulas $43,840,000 and of the gold cedulas $9,260,000 were placed in the city of Buenos Ayres alone, the balance going to the provinces. The amount of these cedulas now outstanding, compared with 1892, is as follows:

| Class of cedulas. | Outstanding in— | |
|---|---|---|
| | 1892. | 1893. |
| Currency cedulas | $80,140,000 | $72,535,000 |
| Gold cedulas | 19,250,000 | 16,486,550 |
| Total | 99,390,000 | 89,021,550 |

This is a reduction in the aggregate of a little over $10,000,000. These redemptions were mostly on property which was worth fully 50 per cent more than it was mortgaged for. Against the remaining loans the bank holds mortgages on lands to the nominal value of $77,028,950 in paper and of $17,582,830 in gold. This would look like ample security; but the trouble is that the lands were valued and the mortgages given in the flush times of three or four years ago, when they were held at prices two or three times greater than what they could now be sold for, and if the properties were brought to a forced sale in cases where there has been default in the payment of the interest they would not fetch one-third of the amounts they were mortgaged for. The President puts the depreciation at 50 per cent. For this reason, although there are large numbers of defaults, the bank has delayed putting the properties on the market at forced sale in the hope that there would be an advance or appreciation in the selling price. Meanwhile, however, the interest in default to the bank now amounts to $7,376,269 on the paper loans and to $1,591,415 on gold loans. One of the worst features of the situation is that the number of persons represented in these loans is so small, about 250 persons alone owing the bank over $50,000,000.

In regard to its financial prospects, the president says:

"The bank has seen the necessity of delay in enforcing its rights in cases of default on account of the present depressed condition of landed property. Its financial situation, however, is relatively easy except as to the issue of its gold cedulas, the interest on which is required to be paid in gold. On all its paper issues it has complied faithfully with its obligations out of its own resources—that is to say, out of its earnings—since the bank was founded, without any actual capital; and the quotations of its paper cedulas shows the high credit which the bank enjoys. In regard to its gold cedulas, since the failure of the national bank it has not been possible to meet the service of the interest regularly, but some arrangement will be made in regard to this."

I may add that the quotation of the paper cedulas is 94 cents to the dollar, and that the interest on the gold cedulas is paid by certificates of the amounts as they fall due. The gold cedulas are worth 56 cents to the dollar.

### HYPOTHECARY BANK OF BUENOS AYRES.

The condition of the Hypothecary Bank of the Province of Buenos Ayres—an institution which at the time of its organization in 1873 was quite unique in its character, and which until recent years stood high in the public confidence—is at the present time a problem quite impossible of solution. It has in the last few years not only lost its financial standing, but of late it has become a synonym for fraud and rascality. In spite of the efforts of the public and of the authorities to get at the "bottom facts" in reference to the manner in which the holders of its cedulas have been swindled, but little has yet come to light. Change after change has been made in its directory and officers with a view to unearthing its rottenness, exposing its "methods" of public robbery, and punishing the guilty parties, but all that is yet known is that the institution is bankrupt, that the best lands it held as security for its cedulas have been released for lands of no value, and that the mortgages now outstanding are utterly insufficient to meet its obligations, some of them being purely figurative, representing properties which do not exist or which are unmerchantable. There are thirty or forty persons now under arrest for complicity in the frauds which have been practiced. There has been no recent report in regard to the condition of the bank, but at the end of 1892 the figures were about as follows:

| | |
|---|---|
| Amount of cedulas issued | $374,850,000 |
| Amount of cedulas redeemed | 152,220,000 |
| Amount outstanding | 222,630,000 |

The nominal assets of the bank—i. e., the amount of its mortgages—were at that date $283,630,000, showing an apparent excess of $50,950,000 over the cedulas outstanding. But it is a matter of general discussion that the land thus mortgaged would not realize at a forced sale 25 per cent of the amount of the loans. For the last three years no interest has been paid on the outstanding cedulas, but certificates have been given for the amount; and the value of cedulas and certificates alike is nearly nominal. Thousands of persons—widows, orphans, and families in moderate circumstances—who hold these cedulas as investments on account of the high interest they called for, have lost their all and are now in utter poverty. It is to be hoped that the bank will be wound up by the provincial government; but then the provincial government itself is also bankrupt and wholly unable to pay its debts or obligations. It is hardly to be expected that those who have thus shamefully wrecked this once flourishing institution will be punished for their dishonest practices. It would be the first time in the history of the country that such a thing had been done.

### THE NATIONAL BANKS OF THE COUNTRY.

The condition of the paper currency of the country continues to be deplorable. While it is the only circulating medium the people have, it not only continues to be greatly depreciated in value, but the value fluctuates with each day's operations in gold on the Bolsa. In spite of the years which have elapsed since the banks, organized under the general banking law of the country, failed to redeem their notes over their counters, no steps have yet been taken by the Government to sell their securities and wind them up. Indeed, instead of doing this, the Government has virtually, by decree of the late President, given itself as guarantee for nearly the entire issue, thus suppressing the bonds on which the issue was made and offering its own credit for the ultimate payment of the notes. The aggregate circulation on the 31st of March, 1893, according to the report of the National Statistical Office, was as follows:

| By whom issued. | Amount. |
|---|---|
| National Bank | $94,451,533 |
| National Government, as guarantee | 80,258,073 |
| Provincial Bank of Tucuman | 4,000,000 |
| Provincial Bank of San Juan | 1,656,000 |
| Provincial Bank of Mendoza | 3,000,000 |
| Provincial Bank of Entre Rios | 6,980,396 |
| Provincial Bank of Santa Fé | 15,091,000 |
| Provincial Bank of Catamarca | 2,390,491 |
| Provincial Bank of Corrientes | 3,163,500 |
| Provincial Bank of San Luis | 630,000 |
| Bank of Buenos Ayres | 1,500,000 |
| British Bank of South America | 250,000 |
| National Hypothecary Bank (treasury notes) | 30,000,000 |
| Municipality of Buenos Aires (treasury notes) | 3,630,112 |
| Bank of the Argentine Nation | 24,000,000 |
| Total circulation | 271,001,102 |

This, however, does not give the amount in circulation exactly. The President, in a recent paper submitted to Congress, states that the amount of notes now outstanding and used as a circulating medium under the laws of the country is $296,693,628, as follows:

| Note circulation. | Amount. |
|---|---|
| Emission without any guarantee | $108,627,945 |
| Emission by the Government with guarantee of public funds | 139,991,529 |
| Emission by banks under the law | 36,875,684 |
| Emission with actual guarantee | 11,198,470 |
| Total amount of notes in circulation | 296,693,628 |

And to this is to be added $10,050,000 in fractional currency, thus swelling the total volume of circulating notes to $306,743,628.

The President attributes to these guaranteed banks, thus started without any actual capital, the financial crisis which has during the last three or four years brought the National Government to the verge of repudiation and ruin; and he says the sooner they are wound up and wiped out of existence the better it will be for the country. The present actual value of this paper currency, in gold, is 30 cents to the dollar.

### RECAPITULATION OF ARGENTINE INDEBTEDNESS.

A recapitulation of the total indebtedness of the Argentine Republic, national and provincial, at the present time, according to the foregoing figures is about as follows:

| Class. | In paper. | In gold. |
|---|---|---|
| Bonded debt of the nation | $46,061,801 | $411,595,223 |
| Bonded debt of the provinces | ..... | 122,960,000 |
| Floating debt of the nation | 12,885,000 | ..... |
| National cedulas outstanding | ..... | 89,021,550 |
| Provincial cedulas outstanding | 222,630,000 | ..... |
| Bank-note circulation | 306,743,628 | ..... |
| Total | 588,320,429 | 623,576,773 |

Reducing the paper to gold and assuming that the population of the Republic is 4,000,000, it would appear that the total indebtedness is about $200 gold to each inhabitant.

### THE PROSPECTS OF THE COUNTRY.

I have thus in a cursory way undertaken to give a general view of the present condition of the Argentine Republic—industrial, commercial, and financial—for the year just closing, and I only regret that I have not been able to make it more flattering to the country or less amenable to the criticism of the outside world. But even President Saenz Peña, in his late message to Congress, is forced to admit that the courses of the Republic during the last year have not been what may be called "plain sailing." He says:

"The country has passed through a difficult epoch, which, unfortunately, has produced a very general opinion that all order, political and administrative, has been wrecked, but our nation is endowed with factors so ponderous for the reestablishment of the disturbed equilibrium of our institutions that in spite of the continued echo of vehement political passions and smothered threats against the public tranquillity, the vitality of the country and its conservative elements are sufficient to give us the grateful hope that we are on the eve of better times—of a return of our late national prosperity and national well being. The abuses of credit have taught a whole generation that it is not possible to improvise private fortunes by violating the eternal principles which govern capital and labor, nor can we by any such means accelerate the development of the economic interests of the Republic. And to-day I am glad to believe the Argentine people, as the surest way of assisting the country, are consecrating themselves to honest labor and production, in order to secure its permanent well-being. The Government over which I preside is pledged to administer honestly the general interests of the nation, and, though it harbors neither hatred nor prejudice against any one, it must continue to prosecute the ungrateful

task of correcting administrative abuses, modifying the loose way in which the Government business has been done, and defending the fiscal interests of the nation against the practices of those who think it is right to enrich themselves at the cost of the State. In this path of duty I shall have to wound many private interests, but I must bring the Government back to the ways of public morality by delivering to national justice those who are in such default as to justify it, and in carrying out this pledge I ask the assistance and support of all the citizens and inhabitants of the Republic."

These are brave words for an Argentine, and they meet a responsive chord in the hearts of all here who desire and are laboring for the best interests of the Argentine Republic. But the task of redeeming and regenerating the fallen fortunes of this once prosperous nation may be difficult and great. With all that has been done, since the nation was overwhelmed by its financial misfortunes; and with all that is now promised to be done, the problem is not yet solved. It is something to believe, however, whatever may be the ultimate fate of the credit of the Government that the country itself is not only solvent, but fully able to retrieve the disasters which have befallen it. The burden of an immense bonded debt, of millions of depreciated currency, of other millions of mortgage cedulas on which the Government can not pay the interest and which it is unable to redeem, may handicap the national authorities for a generation to come; but the country itself is rich, and has already in great part recovered from the crisis. All the elements of horses, cattle, and sheep, and widening breadths of farming lands, which went to make up its wealth; all the development it has attained; all the industries which have been successfully established; all the railways through the far interior which have been constructed; all the facilities for transacting a varied and extensive foreign trade, are all here, and nothing is wanting but a return of the old confidence between man and man, such confidence as will bring capital and immigration to the country, in order to revive business and mark a renewal, upon safer lines, of the late prosperity.

E. L. BAKER,
*Consul.*

BUENOS AYRES, *December 30, 1893.*

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## 1893.

## SIXTEENTH NUMBER.

Finance, Coinage, Mining, Commerce, Immigration, Tonnage, Navigation, The Postal Service, Public Lands, Population, Education, Railroads, Agriculture, and Manufacture.

PREPARED BY THE BUREAU OF STATISTICS UNDER THE DIRECTION OF THE SECRETARY OF THE TREASURY.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1894.

# LETTER

FROM THE

# SECRETARY OF THE TREASURY,

TRANSMITTING

*The Sixteenth Statistical Abstract.*

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DECEMBER 20, 1893.—Referred to the Committee on Printing and ordered to be printed.

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TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
*Washington, D. C., December 18, 1893.*

SIR: I herewith transmit to the House of Representatives the Sixteenth Number of the Statistical Abstract, prepared by the chief of the Bureau of Statistics under my direction.

This abstract embraces tables in regard to finance, coinage, mining, commerce, immigration, tonnage, navigation, the postal service, public lands, population, education, railroads, and agriculture.

I have the honor to request that it may be printed at as early a day as practicable, as the relative value of the information contained therein depends greatly upon the promptness with which it is printed and made available to the public.

Respectfully, yours,

J. G. CARLISLE,
*Secretary.*

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

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## No. 1.—AREA OF EACH STATE AND TERRITORY IN THE UNITED STATES, IN SQUARE MILES AND ACRES; THE DATE OF ORGANIZATION OF TERRITORIES; DATE OF ADMISSION OF NEW STATES INTO THE UNION, AND THE POPULATION OF EACH STATE AND TERRITORY AT THE TAKING OF THE CENSUS OF 1890.

[From the Annual Report of the Commissioner of the General Land Office.]

| Civil divisions. | | Date of act of organization or admission. | United States Statutes. | | Area of States and Territories. | |
|---|---|---|---|---|---|---|
| | | | Vol. | Page. | In square miles. | In acres. |
| ORIGINAL STATES. | | | | | | |
| New Hampshire | | | | | 9,280 | 5,939,200 |
| Massachusetts | | | | | 7,800 | 4,992,000 |
| Rhode Island | | | | | 1,306 | 835,840 |
| Connecticut | | | | | 4,750 | 3,040,000 |
| New York | | | | | 47,000 | 30,080,000 |
| New Jersey | | | | | 8,320 | 5,324,800 |
| Pennsylvania | | | | | 46,000 | 29,440,000 |
| Delaware | | | | | 2,120 | 1,356,800 |
| Maryland | | | | | 11,124 | 7,119,360 |
| Virginia | | | | | 38,348 | 24,542,720 |
| North Carolina | | | | | 50,704 | 32,450,560 |
| South Carolina | | | | | 34,000 | 21,760,000 |
| Georgia | | | | | 58,000 | 37,120,000 |
| STATES ADMITTED. | | | | | | |
| Kentucky | | Feb. 4, 1791 | 1 | 189 | 37,680 | 24,115,200 |
| Vermont | | Feb. 18, 1791 | 1 | 191 | 10,212 | 6,535,680 |
| Tennessee | | June 1, 1796 | 1 | 491 | 45,600 | 29,184,000 |
| Maine | | Mar. 3, 1820 | 3 | 544 | 35,000 | 22,400,000 |
| Texas *a* | | Dec. 29, 1845 | 9 | 108 | 274,356 | 175,587,840 |
| West Virginia | | Dec. 31, 1862 | 12 | 633 | 23,000 | 14,720,000 |
| PUBLIC LAND STATES AND TERRITORIES. | | | | | | |
| Ohio | State | Apr. 30, 1802 | 2 | 173 | 39,972 | 25,581,976 |
| Louisiana | Territory | Mar. 3, 1805 | 2 | 331 | 44,893 | 28,731,090 |
| | State | Apr. 8, 1812 | 2 | 701 | | |
| Indiana | Territory | May 7, 1800 | 2 | 58 | 33,809 | 21,637,760 |
| | State *a* | Dec. 11, 1816 | 3 | 399 | | |
| Mississippi | Territory | Apr. 7, 1798 | 1 | 549 | 47,156 | 30,179,840 |
| | State *a* | Dec. 10, 1817 | 3 | 472 | | |
| Illinois | Territory | Feb. 3, 1809 | 2 | 514 | 55,414 | 35,465,093 |
| | State *a* | Dec. 3, 1818 | 3 | 536 | | |
| Alabama | Territory | Mar. 3, 1817 | 3 | 371 | 50,722 | 32,462,115 |
| | State *a* | Dec. 14, 1819 | 3 | 608 | | |
| Missouri | Territory | June 4, 1812 | 2 | 743 | 65,370 | 41,836,931 |
| | State *b* | Mar. 2, 1821 | 3 | 645 | | |
| Arkansas | Territory | Mar. 2, 1819 | 3 | 493 | 52,203 | 33,410,063 |
| | State | June 15, 1836 | 5 | 50 | | |
| Michigan | Territory | Jan. 11, 1805 | 2 | 309 | 56,451 | 36,128,640 |
| | State | Jan. 26, 1837 | 5 | 144 | | |
| Florida | Territory | Mar. 30, 1822 | 3 | 654 | 59,268 | 37,931,520 |
| | State | Mar. 3, 1845 | 5 | 742 | | |
| Iowa | Territory | June 12, 1838 | 5 | 235 | 55,045 | 35,228,800 |
| | State | Mar. 3, 1845 | 5 | 742 | | |

*a* Joint resolution by Congress.
*b* See President's proclamation, 3 Stats., Appendix No. 2.

## No. 1.—AREA OF EACH STATE AND TERRITORY, ETC.—Continued.

| Civil divisions. | Date of act of organization or admission. | United States Statutes. | | Area of States and Territories. | |
|---|---|---|---|---|---|
| | | Vol. | Page. | In square miles. | In acres. |
| PUBLIC LAND STATES AND TERRITORIES—Cont'd. | | | | | |
| Wisconsin ..... Territory .. | Apr. 20, 1836 | 5 | 10 | 53,924 | 34,511,360 |
| State ..... | May 29, 1848 | 9 | 178 | | |
| California ..... State ..... | Sept. 9, 1850 | 9 | 452 | 157,801 | 100,992,640 |
| Minnesota ..... Territory .. | Mar. 3, 1849 | 9 | 403 | 83,531 | 53,459,840 |
| State ..... | May 11, 1858 | 11 | 166 | | |
| Oregon ..... Territory .. | Aug. 14, 1848 | 9 | 323 | 95,274 | 60,975,360 |
| State ..... | Feb. 14, 1859 | 11 | 383 | | |
| Kansas ..... Territory .. | May 30, 1854 | 10 | 277 | 80,891 | 51,770,240 |
| State ..... | Jan. 29, 1861 | 12 | 126 | | |
| Nevada ..... Territory .. | Mar. 2, 1861 | 12 | 209 | 112,090 | 71,737,600 |
| State *c* ..... | Mar. 21, 1864 | 13 | 30 | | |
| Nebraska ..... Territory .. | May 30, 1854 | 10 | 277 | 73,558 | 47,077,120 |
| State *d* ..... | Feb. 9, 1867 | 14 | 391 | | |
| Colorado ..... Territory .. | Feb. 28, 1861 | 12 | 172 | 104,500 | 66,880,000 |
| State *e* ..... | Mar. 3, 1875 | 18 | 474 | | |
| North Dakota ..... Territory .. | Mar. 2, 1861 | 12 | 239 | 71,190 | 45,561,600 |
| State ..... | Feb. 22, 1889 | 25 | 676 | | |
| South Dakota ..... Territory .. | Mar. 2, 1861 | 12 | 239 | 79,190 | 50,643,200 |
| State ..... | Feb. 22, 1889 | 25 | *f* 676 | | |
| Montana ..... Territory .. | May 26, 1864 | 13 | 85 | 143,776 | 92,016,640 |
| State ..... | Feb. 22, 1889 | 25 | *f* 676 | | |
| Washington ..... Territory .. | Mar. 2, 1853 | 10 | 172 | 69,994 | 44,796,160 |
| State ..... | Feb. 22, 1889 | 25 | *f* 676 | | |
| Idaho ..... Territory .. | Mar. 3, 1863 | 12 | 808 | 86,294 | 55,228,160 |
| State ..... | July 3, 1890 | ..... | ..... | | |
| Wyoming ..... Territory .. | July 25, 1868 | 15 | 178 | 97,883 | 62,645,120 |
| State ..... | July 10, 1890 | ..... | ..... | | |
| TERRITORIES. | | | | | |
| New Mexico ..... Territory .. | Sept. 9, 1850 | 9 | 446 | 121,201 | 77,568,640 |
| Utah ..... Territory .. | Sept. 9, 1850 | 9 | 453 | 84,476 | 54,064,640 |
| Arizona ..... Territory .. | Feb. 24, 1863 | 12 | 664 | 113,916 | 72,906,240 |
| Alaska ..... Territory .. | July 27, 1868 | 15 | 240 | 577,390 | 369,529,600 |
| Indian Territory; limits defined by act May, 1854. | ..... | ..... | ..... | 40,376 | 25,840,640 |
| District of Columbia ..... Territory .. | July 16, 1790 | 1 | 214 | 60 | 38,400 |
| District .... | Mar. 3, 1791 | 1 | 130 | | |
| Oklahoma *a* ..... Territory .. | May 2, 1890 | 26 | 81 | 28,647 | 18,334,080 |
| Total ..... | ..... | ..... | ..... | *b* 3,580,805 | *b* 2,291,615,347 |

*a* The figures given for Oklahoma Territory include the area of the former public land strip, 5,738 square miles, or 3,672,320 acres.

*b* It is impossible to state whether the areas of the original States and the admitted States, as given in the table, embrace both land and water surface. The source from which they were originally obtained is not known. In regard to the areas of the public land States and Territories where the public land surveys have been completed (Ohio, Indiana, Mississippi, Illinois, Alabama, Missouri, Arkansas, Michigan, Iowa, Wisconsin, and Kansas), the areas as given are from actual surveys, and include the surfaces of all nonmeandered streams, lakes, etc., but exclude the areas of meandered waters. In the States and Territories in which the public land surveys are still in progress, the total area embraces both land and water surface, but the area of surveyed land does not include the surface of meandered waters.

*c* See President's proclamation, October 13, 1864, 13 Stats., 749.

*d* See President's proclamation, March 1, 1867, 14 Stats., 820.

*e* See President's proclamation, August 1, 1876, 19 Stats., 665.

*f* See President's proclamations, 2 Stats., 1548 to 1552, inclusive.

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES DURING THE YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893.

### RECEIPTS AND THEIR SOURCES.

| Sources. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| CUSTOMS REVENUE. | | | | | | |
| Duties on merchandise: | | | | | | |
| Class A.—Articles of food and live animals— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Animals | 932,370.00 | 788,406.00 | 651,126.00 | 589,002.00 | 664,908.00 | 797,107.00 |
| Breadstuffs | 1,115,811.00 | 1,161,027.00 | 1,148,611.00 | 894,648.00 | 989,855.00 | 842,231.00 |
| Fish | 645,507.00 | 595,944.00 | 674,642.00 | 893,987.00 | 880,385.00 | 922,243.00 |
| Fruits, including nuts | 4,482,585.00 | 4,006,045.00 | 3,915,470.00 | 4,343,622.00 | 3,683,422.00 | 3,818,801.00 |
| Provisions, including meat and dairy products | 506,998.00 | 440,306.00 | 494,368.00 | 686,215.00 | 645,947.00 | 761,340.00 |
| Rice | 1,796,818.00 | 2,005,198.00 | 1,632,078.00 | 2,006,258.00 | 1,473,707.00 | 1,184,454.00 |
| Salt | 552,694.00 | 460,435.00 | 394,215.00 | 408,790.00 | 329,144.00 | 301,973.00 |
| Sugar and molasses | 51,994,341.00 | 55,976,228.00 | 55,150,819.00 | 32,468,339.00 | 76,987.00 | 165,196.00 |
| Vegetables | 1,755,651.00 | 496,851.00 | 1,008,739.00 | 2,523,030.00 | 1,027,766.00 | 2,400,881.00 |
| All other | 611,020.00 | 632,497.00 | 748,286.00 | 782,503.00 | 1,128,110.00 | 1,679,112.00 |
| Total Class A | 64,393,790.00 | 66,568,932.00 | 65,818,254.00 | 45,546,374.00 | 10,800,226.00 | 12,873,388.00 |
| Class B.—Articles in a crude condition which enter into the various processes of domestic industry— | | | | | | |
| Coal and coke | 665,786.00 | 871,287.00 | 712,630.00 | 804,845.00 | 1,026,777.00 | 839,636.00 |
| Flax, hemp, and other vegetable fiber | 2,388,002.00 | 2,482,746.00 | 2,419,797.00 | 697,224.00 | 328,606.00 | 299,947.00 |
| Hops | 467,862.00 | 326,446.00 | 515,758.00 | 543,110.00 | 359,632.00 | 398,605.00 |
| Iron and steel: | | | | | | |
| Ores | 693,501.00 | 492,697.00 | 868,776.00 | 721,383.00 | 763,488.00 | 516,181.00 |
| Pig iron | 2,189,385.00 | 1,207,790.00 | 995,032.00 | 550,902.00 | 559,618.00 | 420,967.00 |
| Scrap iron | 1,052,095.00 | 296,086.00 | 254,017.00 | 370,754.00 | 247,206.00 | 135,490.00 |
| Steel ingots, cogged ingots, etc | 1,757,718.00 | 948,571.00 | 546,466.00 | 653,040.00 | 644,239.00 | 611,689.00 |
| Lead ore, pigs, and bars | 145,295.00 | 55,707.00 | 50,701.00 | 822,901.00 | 812,936.00 | 976,696.00 |
| Marble in block, rough or squared | a 192,940.00 | a 260,780.00 | a 251,501.00 | a 250,369.00 | 244,718.00 | 297,440.00 |
| Seeds: Castor, linseed, poppy, and garden | 385,052.00 | 802,080.00 | 619,802.00 | 520,027.00 | 211,616.00 | 188,732.00 |

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES—YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893—Continued.

### RECEIPTS AND THEIR SOURCES—Continued.

| Sources. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| CUSTOMS REVENUE—continued. | | | | | | |
| Duties on merchandise—Continued. | | | | | | |
| Class B.—Articles in a crude condition which enter into the various processes of domestic industry—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Wood pulp | | | 177,339.00 | 216,893.00 | 221,529.00 | 353,397.00 |
| Wools, raw, and mungo, flocks, etc | 5,135,259.00 | 6,830,110.00 | 5,959,412.00 | 6,758,795.00 | 7,860,440.00 | 8,203,334.00 |
| All other | 758,004.00 | 789,385.00 | 689,449.00 | 735,141.00 | 762,623.00 | 945,924.00 |
| Total Class B | 15,830,839.00 | 15,363,625.00 | 14,060,680.00 | 13,645,384.00 | 14,048,428.00 | 14,188,038.00 |
| Class C.—Articles wholly or partially manufactured for use as materials in the manufactures and mechanic arts— | | | | | | |
| Cement | 380,109.00 | 292,948.00 | 435,631.00 | 830,311.00 | 836,374.00 | 913,021.00 |
| Chemicals, drugs, etc | 4,360,950.00 | 4,707,458.00 | 4,653,683.00 | 4,431,446.00 | 4,199,190.00 | 4,507,943.00 |
| Cotton thread, yarn or warp yarn, not on spools | 436,545.00 | 398,604.00 | 409,346.00 | 425,575.00 | 335,587.00 | 377,508.00 |
| Flax and hemp yarn or thread | 317,058.00 | 319,612.00 | 342,826.00 | 363,982.00 | 299,754.00 | 344,798.00 |
| Furs, dressed on the skin, and hatters' furs | 944,456.00 | 1,025,084.00 | 1,071,072.00 | 1,312,001.00 | 1,225,437.00 | 1,212,368.00 |
| Iron and steel: | | | | | | |
| Tin plate | 6,322,243.00 | 7,279,460.00 | 6,746,645.00 | 10,577,115.00 | 8,801,358.00 | 13,500,960.00 |
| All other | 3,175,021.00 | 2,558,910.00 | 2,203,933.00 | 1,830,640.00 | 1,927,353.00 | 2,884,374.00 |
| Leather | 1,116,600.00 | 980,944.00 | 957,575.00 | 985,089.00 | 1,114,697.00 | 1,231,773.00 |
| Paints and colors | 411,795.00 | 418,284.00 | 429,869.00 | 439,717.00 | 420,360.00 | 475,733.00 |
| Silk, partially manufactured from cocoons, etc., spun silk, etc | 177,970.00 | 203,456.00 | 265,949.00 | 627,804.00 | 389,464.00 | 476,425.00 |
| Wood, manufactures of | 1,115,102.00 | 1,133,904.00 | 1,208,490.00 | 1,149,132.00 | 906,943.00 | 985,385.00 |
| Woolen and worsted yarns | 1,362,293.00 | 1,502,514.00 | 1,270,087.00 | 1,141,557.00 | 733,853.00 | 742,337.00 |
| All other | 1,704,596.00 | 1,378,857.00 | 1,251,616.00 | 1,025,114.00 | 1,028,042.00 | 1,175,360.00 |
| Total Class C | 21,824,738.00 | 22,195,095.00 | 21,241,722.00 | 25,139,483.00 | 22,218,412.00 | 28,827,985.00 |

a Marble and stone.

| | | | | | | |
|---|---|---|---|---|---|---|
| Class D.—Manufactured articles, ready for consumption— | | | | | | |
| Books and other printed matter | 720,610.00 | 723,670.00 | 713,859.00 | 691,606.00 | 518,975.00 | 519,655.00 |
| Brushes of all kinds | 189,254.00 | 197,528.00 | 225,219.00 | 313,372.00 | 323,138.00 | 327,678.00 |
| Buttons | 804,631.00 | 682,089.00 | 665,146.00 | 525,949.00 | 302,868.00 | 302,853.00 |
| Carriages, and parts of | 63,447.00 | 90,387.00 | 158,509.00 | 209,291.00 | 300,565.00 | 287,047.00 |
| Clocks and watches, and parts of | 530,566.00 | 589,275.00 | 547,909.00 | 604,626.00 | 518,146.00 | 535,592.00 |
| Cotton, manufactures of | 6,611,519.00 | 6,418,202.00 | 6,783,438.00 | 8,721,944.00 | 9,186,530.00 | 10,965,732.00 |
| Earthen, stone, and china ware | 3,568,277.00 | 3,694,402.00 | 4,005,745.00 | 4,660,477.00 | 5,028,314.00 | 5,404,985.00 |
| Flax, hemp, etc., manufactures of | 7,193,430.00 | 8,163,417.00 | 8,685,735.00 | 7,935,059.00 | 8,274,647.00 | 9,116,974.00 |
| Glass and glassware | 4,799,252.00 | 4,526,582.00 | 4,215,839.00 | 4,582,220.00 | 5,331,089.00 | 5,067,306.00 |
| Iron and steel: | | | | | | |
| Cutlery | 1,004,442.00 | 1,072,752.00 | 1,139,766.00 | 861,076.00 | 985,790.00 | 1,120,637.00 |
| Machinery | 934,184.00 | 1,064,127.00 | 1,232,267.00 | 1,255,661.00 | 1,289,275.00 | 1,449,731.00 |
| All other | 4,155,303.00 | 1,969,007.00 | 1,897,270.00 | 1,439,600.00 | 1,345,998.00 | 1,276,117.00 |
| Leather: Gloves and other manufactures of | 2,362,649.00 | 2,436,739.00 | 2,838,628.00 | 3,159,924.00 | 3,385,662.00 | 3,996,492.00 |
| Metals, not elsewhere specified, compositions and manufactures of | 860,917.00 | 950,230.00 | 1,152,949.00 | 2,390,394.00 | 2,233,547.00 | 2,524,530.00 |
| Paper, and manufactures of | 465,889.00 | 495,872.00 | 542,393.00 | 871,519.00 | 1,092,094.00 | 1,221,333.00 |
| Straw, manufactures of | 22,566.00 | 24,432.00 | 22,775.00 | 247,192.00 | 179,144.00 | 290,221.00 |
| Wood, manufactures of | 558,635.00 | 629,497.00 | 640,646.00 | 882,102.00 | 984,163.00 | 1,080,175.00 |
| Wool, manufactures of: | | | | | | |
| Carpets and carpeting | 651,386.00 | 684,512.00 | 790,754.00 | 829,064.00 | 851,541.00 | 976,290.00 |
| Cloths | 7,723,012.00 | 6,659,385.00 | 11,702,134.00 | 10,587,969.00 | 12,436,533.00 | 12,809,558.00 |
| Dress goods | 13,735,796.00 | 14,613,817.00 | 16,490,948.00 | 16,616,302.00 | 16,458,244.00 | 18,271,035.00 |
| Flannels | 460,178.00 | 795,870.00 | 854,813.00 | 295,293.00 | 80,804.00 | 74,143.00 |
| Wearing apparel— | | | | | | |
| Clothing, ready-made, cloaks, dolmans, etc | 820,376.00 | 1,103,085.00 | 1,010,134.00 | 1,524,947.00 | 1,127,768.00 | 899,484.00 |
| Hats | 8,307.00 | 11,146.00 | 5,236.00 | 12,511.00 | 9,865.00 | 19,447.00 |
| Knit fabrics | 1,071,631.00 | 1,133,176.00 | 1,242,656.00 | 779,099.00 | 1,156,271.00 | 1,368,504.00 |
| Shawls | 632,410.00 | 597,661.00 | 628,043.00 | 509,162.00 | 326,821.00 | 270,076.00 |
| Webbings, gorings, etc | 423,600.00 | 484,146.00 | 359,038.00 | 360,577.00 | 348,836.00 | 288,533.00 |
| All other manufactures of wool | 4,918,359.00 | 6,940,416.00 | 2,587,681.00 | 2,104,807.00 | 701,716.00 | 676,032.00 |
| All other | 2,135,923.00 | 1,982,343.00 | 2,197,673.00 | 1,655,327.00 | 1,649,464.00 | 1,771,576.00 |
| Total Class D | 67,426,549.00 | 68,683,765.00 | 72,837,203.00 | 74,397,070.00 | 76,827,808.00 | 83,361,238.00 |

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES—YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893—Continued.

RECEIPTS AND THEIR SOURCES—Continued.

| Sources. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| CUSTOMS REVENUE—continued. | | | | | | |
| Duties on merchandise—Continued. | | | | | | |
| Class E.—Articles of voluntary use, luxuries, etc.— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Art works: Paintings and statuary | 432,226.00 | 357,921.00 | 445,934.00 | 287,807.00 | 241,612.00 | 339,265.00 |
| Cotton laces, edgings, and embroideries | 4,448,834.00 | 4,025,165.00 | 4,498,785.00 | 5,799,291.00 | 6,964,616.00 | 7,688,399.00 |
| Fancy articles— | | | | | | |
| Dolls and toys | 583,020.00 | 657,164.00 | 727,168.00 | 776,781.00 | 861,878.00 | 989,465.00 |
| Feathers and downs | 432,787.00 | 354,981.00 | 465,226.00 | 447,581.00 | 166,188.00 | 134,886.00 |
| Feathers and flowers, artificial | 245,747.00 | 375,451.00 | 589,638.00 | 670,736.00 | 919,452.00 | 818,684.00 |
| Perfumery, cosmetics, and toilet articles | 247,802.00 | 238,305.00 | 283,579.00 | 300,618.00 | 305,645.00 | 332,779.00 |
| Pipes and smokers' articles | 149,718.00 | 184,481.00 | 173,484.00 | 233,373.00 | 276,662.00 | 292,857.00 |
| All other | 1,363,668.00 | 970,628.00 | 844,679.00 | 878,914.00 | ..... | ..... |
| Firecrackers | 274,777.00 | 276,591.00 | 273,001.00 | 439,520.00 | 551,484.00 | 494,228.00 |
| Flax and hemp: Laces, edgings, embroideries, etc | 403,605.00 | 443,773.00 | 434,201.00 | 1,078,195.00 | 1,492,233.00 | 1,588,941.00 |
| Jewelry and precious stones | 1,182,334.00 | 1,282,351.00 | 1,466,131.00 | 1,505,808.00 | 1,336,296.00 | 1,646,479.00 |
| Liquors— | | | | | | |
| Malt liquors and extract | 666,666.00 | 663,337.00 | 726,653.00 | 835,922.00 | 833,124.00 | 928,944.00 |
| Spirits, distilled | 2,961,772.00 | 2,943,248.00 | 3,129,424.00 | 3,437,571.00 | 2,948,715.00 | 3,183,634.00 |
| Wines | 4,014,806.00 | 4,179,815.00 | 4,662,004.00 | 5,147,765.00 | 5,058,662.00 | 5,144,039.00 |
| Musical instruments | 456,907.00 | 428,166.00 | 432,882.00 | 475,208.00 | 421,890.00 | 395,539.00 |
| Silk, manufactures of— | | | | | | |
| Dress and piece goods | 5,468,023.00 | 3,811,480.00 | 5,370,098.00 | 5,225,348.00 | 3,769,042.00 | 4,596,481.00 |
| Handkerchiefs, hats, caps, etc | 661,785.00 | 411,078.00 | a 105,138.00 | a 323,470.00 | 745,978.00 | 880,708.00 |
| Laces, embroideries, etc | 1,334,326.00 | 1,702,671.00 | 1,907,596.00 | 1,797,205.00 | 2,619,530.00 | 2,959,054.00 |
| Ribbons | 1,144,681.00 | 872,864.00 | 1,026,503.00 | 896,765.00 | 857,482.00 | 1,101,848.00 |
| Velvets, plushes, etc | 3,115,520.00 | 2,709,936.00 | 2,535,244.00 | 2,343,264.00 | 2,045,593.00 | 2,553,236.00 |
| Wearing apparel | 340,131.00 | 319,943.00 | 626,545.00 | 1,429,481.00 | 1,305,495.00 | 1,446,601.00 |
| Webbings, gorings, suspenders, etc | ..... | ..... | 190,901.00 | 260,759.00 | 311,499.00 | 361,511.00 |

a Handkerchiefs only.

| | | | | | | |
|---|---|---|---|---|---|---|
| All other | 4,108,239.00 | 7,816,959.00 | 6,927,690.00 | 5,857,068.00 | 4,918,705.00 | 5,979,894.00 |
| Tobacco, and manufactures of | 9,734,967.00 | 11,194,487.00 | 13,317,368.00 | 16,172,277.00 | 10,265,068.00 | 14,831,990.00 |
| All other | 246,625.00 | 225,562.00 | 207,255.00 | 341,658.00 | 491,127.00 | 528,892.00 |
| Total class E | 44,033,886.00 | 45,890,357.00 | 51,357,217.00 | 57,062,375.00 | 49,702,796.00 | 59,122,854.00 |
| Total duty collected: Regular | 213,509,802.00 | 218,701,774.00 | 225,317,076.00 | 215,790,686.00 | 173,097,670.00 | 198,373,453.00 |
| Additional and discriminating | 2,532,454.00 | 1,875,215.00 | 1,222,961.00 | 1,095,015.00 | 1,026,590.00 | 770,225.00 |
| Total duties collected on merchandise | 216,042,256.00 | 220,576,989.00 | 226,540,037.00 | 216,885,701.00 | 174,124,269.00 | 199,143,678.00 |
| Tonnage tax | 491,306.26 | 473,268.57 | 565,860.10 | 520,333.46 | 636,012.44 | 539,233.14 |
| Miscellaneous | 2,557,611.37 | 2,782,484.12 | 2,563,687.47 | 2,116,170.77 | 2,692,682.71 | 3,672,105.59 |
| Total customs revenue | 219,091,173.63 | 223,832,741.69 | 229,668,584.57 | 219,522,205.23 | 177,452,964.15 | 203,355,016.73 |
| INTERNAL REVENUE. | | | | | | |
| Tax collected on: | | | | | | |
| Spirits | 64,408,937.37 | 69,447,175.84 | 76,539,002.62 | 79,626,093.51 | 85,541,208.11 | 89,231,300.05 |
| Tobacco | 29,214,551.18 | 30,390,977.11 | 32,443,509.92 | 32,573,735.74 | 31,000,493.07 | 31,889,711.74 |
| Fermented liquors | 22,829,202.90 | 23,235,863.94 | 25,494,798.50 | 28,192,327.69 | 29,431,498.04 | 31,962,743.15 |
| Oleomargarine | 653,355.10 | 677,302.40 | 619,205.72 | 871,488.44 | 945,675.00 | 1,301,317.50 |
| Special taxes on manufacturers, dealers, etc., and miscellaneous | 7,190,825.43 | 7,121,194.63 | 7,510,189.05 | 4,422,604.06 | 7,052,198.35 | 6,642,551.49 |
| Total internal revenue | 124,296,871.98 | 130,881,513.92 | 142,606,705.81 | 145,686,249.44 | 153,971,072.57 | 161,027,623.93 |
| POSTAL SERVICE. | | | | | | |
| Revenue | 52,695,176.79 | 56,175,611.18 | 60,882,097.92 | 65,931,785.72 | 70,930,475.98 | 75,896,933.16 |
| MISCELLANEOUS. | | | | | | |
| Profits on coinage, bullion deposits, and assays | 9,387,634.48 | 10,165,264.79 | 10,217,244.25 | 7,701,991.82 | 2,020,512.39 | 2,349,471.15 |
| Sales of public lands | 11,202,017.23 | 8,038,651.79 | 6,358,272.51 | 4,029,535.41 | 3,261,875.58 | 3,162,089.78 |
| Fees: Consular, letters patent, and land | 3,438,448.99 | 3,378,063.59 | 3,146,692.32 | 3,019,781.84 | 3,130,437.06 | 3,156,217.12 |
| The District of Columbia | 2,650,350.31 | 2,523,950.69 | 2,389,130.98 | 2,353,397.74 | 2,967,044.71 | 3,111,742.27 |
| Sinking fund for Pacific railways | 1,170,331.43 | 1,321,124.53 | 1,842,564.52 | 2,326,359.37 | 1,828,771.46 | 2,052,488.39 |
| Tax on national banks | 1,748,566.85 | 1,536,067.16 | 1,301,326.58 | 1,236,042.60 | 1,261,338.11 | 1,392,623.63 |
| Customs fees, fines, penalties, and forfeitures | 1,097,448.20 | 1,113,020.78 | 1,299,324.52 | 966,121.82 | 909,249.66 | 806,919.88 |
| Repayment of interest by Pacific railways | 681,696.95 | 603,764.72 | 705,691.52 | 823,904.04 | 962,437.67 | 971,832.68 |
| Sales of Indian lands | 880,087.43 | 446,258.19 | 372,288.15 | 602,545.38 | 847,813.23 | 779,310.73 |
| Soldiers' Home, permanent fund | 453,189.29 | 592,427.25 | 308,886.99 | 308,648.34 | 194,385.45 | 162,733.05 |
| Immigrant fund | 291,189.50 | 236,196.50 | 241,464.60 | 292,271.00 | 330,128.65 | 288,219.68 |

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES—YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893—Continued.

### RECEIPTS AND THEIR SOURCES—Continued.

| Sources. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| MISCELLANEOUS—continued. | | | | | | |
| Tax on seal skins | 317,500.00 | 317,500.00 | 262,500.00 | 269,673.88 | 46,749.28 | 23,972.60 |
| Sales of Government property | 365,877.26 | 295,530.42 | 192,123.99 | 259,379.05 | 236,498.38 | 164,703.48 |
| Deposits for surveying public lands | 161,890.76 | 95,818.68 | 113,314.79 | 131,422.80 | 149,966.21 | 156,282.46 |
| Sales of ordnance material | | | | 122,668.01 | 101,242.35 | 26,187.26 |
| Sales of condemned naval vessels | 105,665.88 | 22,582.75 | | 78,037.36 | 31,854.12 | 1,138.35 |
| Depredations on public lands | | 65,434.29 | 35,852.37 | 55,905.83 | 61,623.85 | 21,148.01 |
| Other miscellaneous sources | 1,951,134.59 | 1,584,127.15 | 1,600,014.81 | 2,325,806.35 | 5,171,819.41 | 2,789,907.60 |
| Total miscellaneous | 35,878,029.15 | 32,335,803.23 | 30,805,692.25 | 27,408,992.64 | 23,513,747.52 | 21,436,968.12 |
| Total receipts | 431,961,251.55 | 443,225,670.02 | 463,963,080.55 | 458,544,233.03 | 425,868,260.22 | 461,716,561.94 |

### RECAPITULATION OF RECEIPTS.

| | | | | | | |
|---|---|---|---|---|---|---|
| Customs revenue | 219,091,173.63 | 223,832,741.69 | 229,668,584.57 | 219,522,205.23 | 177,452,964.15 | 203,355,016.73 |
| Internal revenue | 124,296,871.98 | 130,881,513.92 | 142,606,705.81 | 145,686,249.44 | 153,971,072.57 | 161,027,623.93 |
| Postal service | 52,695,176.79 | 56,175,611.18 | 60,882,097.92 | 65,931,785.72 | 70,930,475.98 | 75,896,933.16 |
| Miscellaneous | 35,878,029.15 | 32,335,803.23 | 30,805,692.25 | 27,408,992.64 | 23,513,747.52 | 21,436,968.12 |
| Total receipts | 431,961,251.55 | 443,225,670.02 | 463,963,080.55 | 458,544,233.03 | 425,868,260.22 | 461,716,561.94 |

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES DURING THE YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893—Cont'd.

EXPENDITURES AND THEIR OBJECTS.

| Objects. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| LEGISLATIVE. | | | | | | |
| United States Senate: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Salaries and expenses | 930,780.63 | 1,053,944.39 | 989,310.44 | 1,199,876.68 | 1,058,251.58 | 1,166,273.89 |
| House of Representatives: | | | | | | |
| Salaries and expenses | 2,355,586.82 | 2,417,255.97 | 2,568,223.59 | 2,520,449.86 | 2,324,515.91 | 2,478,248.18 |
| Public printing and binding | 2,496,407.90 | 2,872,863.98 | 2,830,042.78 | 3,175,737.46 | 3,237,723.55 | 3,235,052.33 |
| Library of Congress | 49,916.71 | 51,034.10 | 47,503.23 | 56,704.75 | 951,098.32 | 594,722.13 |
| Botanic Garden | 23,573.75 | 21,871.83 | 22,889.93 | 21,893.75 | 21,872.21 | 23,893.46 |
| Miscellaneous | 736,890.30 | 3,455,850.04 | 576,753.76 | 496,935.98 | 90,052.75 | 809,867.08 |
| Grand total | 6,593,156.11 | 9,872,820.31 | 7,034,723.73 | 7,471,596.43 | 7,683,514.32 | 8,308,057.07 |
| EXECUTIVE. | | | | | | |
| Executive Office: | | | | | | |
| Salaries and miscellaneous | 174,569.27 | 449,529.33 | 186,544.74 | 174,897.20 | 177,615.59 | 329,616.50 |
| Department of State: | | | | | | |
| Salaries and miscellaneous, State Department proper | 122,420.48 | 151,792.30 | 124,790.16 | 141,332.21 | 135,504.76 | 141,909.87 |
| Foreign intercourse | 1,593,461.40 | 1,897,625.72 | 1,648,276.59 | 2,028,715.26 | 1,742,400.25 | 1,997,042.90 |
| Total | 1,715,881.88 | 2,049,418.02 | 1,773,066.75 | 2,170,047.47 | 1,877,905.01 | 2,138,952.77 |
| Treasury Department: | | | | | | |
| Salaries and contingent expenses— | | | | | | |
| Treasury proper | 3,133,857.51 | 3,133,578.49 | 3,066,276.97 | 3,158,332.65 | 3,210,406.77 | 3,188,908.33 |
| Independent treasury | 456,792.77 | 476,266.56 | 439,701.30 | 474,753.61 | 498,496.64 | 497,833.88 |
| Mints and assay offices | 1,288,112.77 | 1,806,766.26 | 1,346,642.75 | 1,392,353.85 | 1,191,590.15 | 1,155,519.97 |
| Territorial governments | 281,176.55 | 401,583.69 | 278,181.62 | 418,161.53 | 199,384.68 | 214,856.19 |
| Internal revenue | 3,309,557.94 | 3,941,466.30 | 3,928,068.31 | a16,552,292.50 | a14,412,717.33 | a14,866,436.78 |
| Customs service | b16,219,015.69 | b15,992,890.39 | b15,203,863.14 | b20,370,736.67 | b15,041,610.24 | b14,804,814.32 |
| Light-House Establishment | 2,566,733.51 | 2,702,442.72 | 2,905,337.88 | 3,007,883.33 | 3,237,317.44 | 2,684,853.00 |

a Included in this expenditure were the following: In 1891 refund of direct tax, $11,521,496.92; in 1892 refund of direct tax, $2,610,855.07; sugar bounties, $7,342,077.79; in 1893 refund of direct tax, $816,315.65; sugar bounties, $9,375,130.88.

b Besides the leading item of expenditure "collecting revenue from customs," under this head, the remainder is largely made up of the items "repayment to importers of excess of deposits" and "debentures or drawbacks, bounties, or allowances." These two latter items were as follows: 1890, $6,913,815.95; 1891, $11,937,406.79; 1892, $6,752,211.62; 1893, $6,471,711.13.

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES DURING THE YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893—Cont'd.

### EXPENDITURES AND THEIR OBJECTS—Continued.

| Objects. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| LEGISLATIVE—continued. | | | | | | |
| Treasury Department—Continued. | | | | | | |
| Salaries and contingent expenses—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| U. S. Coast and Geodetic Survey | 497, 423. 13 | 493, 555. 06 | 449, 608. 09 | 479, 655. 14 | 528, 069. 53 | 465, 540. 03 |
| Steamboat Inspection Service | 268, 836. 27 | 269, 260. 77 | 259, 992. 77 | 278, 714. 20 | 273, 869. 79 | 301, 534. 36 |
| Bureau of Engraving and Printing | 957, 658. 37 | 946, 741. 26 | 998, 364. 84 | 1, 081, 052. 65 | 1, 123, 033. 84 | 1, 039, 842. 57 |
| Miscellaneous | 15, 656, 285. 26 | 21, 898, 731. 68 | 4, 336, 821. 67 | 6, 567, 766. 98 | 5, 824, 406. 05 | 2, 287, 049. 40 |
| District of Columbia | 4, 278, 113. 43 | 5, 248, 669. 92 | 5, 677, 419. 53 | 5, 635, 510. 61 | 5, 744, 704. 56 | 6, 232, 681. 02 |
| Marine-Hospital Service | 529, 627. 43 | 514, 912. 33 | 618, 882. 33 | 520, 212. 07 | 684, 278. 07 | 684, 855. 50 |
| Life-Saving Service | 978, 494. 85 | 923, 421. 19 | 993, 050. 73 | 993, 567. 11 | 1, 059, 698. 20 | 1, 258, 526. 55 |
| Public buildings | 3, 565, 028. 72 | 5, 023, 170. 66 | 4, 377, 959. 93 | 4, 811, 823. 16 | 6, 319, 276. 94 | 5, 050, 796. 59 |
| Interest on public debt | 40, 318, 666. 75 | 41, 001, 484. 29 | 36, 099, 284. 05 | 37, 547, 135. 37 | 23, 378, 116. 23 | 27, 264, 392, 13 |
| Total | 95, 295, 468. 00 | 103, 584, 941. 58 | 80, 974, 450. 88 | 103, 295, 449. 98 | 85, 674, 980. 46 | 87, 948, 440. 67 |
| War Department: | | | | | | |
| Salaries and expenses: War Department proper | 2, 780, 558. 65 | 2, 873, 789. 98 | 3, 182, 167. 31 | 3, 150, 699. 47 | 2, 230, 244. 71 | 2, 231, 854. 87 |
| Public buildings and grounds | 153, 917. 64 | 164, 499. 06 | 155, 659. 40 | 180, 662. 49 | 184, 708. 99 | 150, 860. 50 |
| Pay Department | 13, 567, 583. 96 | 14, 124, 954. 71 | 13, 696, 045. 75 | 14, 606, 421. 69 | 13, 936, 795. 73 | 13, 615, 177. 17 |
| Signal Service | 755, 946. 71 | 1, 605, 996. 85 | 575, 957. 98 | 753, 284. 70 | 31, 697. 62 | 36, 264. 44 |
| Commissary Department | 1, 523, 940. 58 | 601, 594. 41 | 1, 482, 093. 25 | 1, 685, 577. 34 | 1, 524, 040. 97 | 1, 608, 306. 37 |
| Quartermaster's Department | 8, 878, 587. 20 | 8, 621, 416. 13 | 8, 442, 491. 76 | 9, 234, 600. 50 | 7, 209, 849. 70 | 8, 095, 768. 44 |
| Medical Department | 391, 609. 11 | 552, 433. 39 | 512, 948. 97 | 807, 406. 49 | 681, 989. 33 | 382, 459. 89 |
| Ordnance Department | 1, 426, 556. 65 | 1, 842, 060. 71 | 2, 673, 984. 31 | 2, 869, 618. 00 | 4, 694, 947. 27 | 4, 827, 732. 78 |
| Military Academy | 97, 844, 76 | 82, 067. 17 | 233, 106. 35 | 236, 399. 14 | 317, 471. 85 | 227, 128. 65 |
| Forts and fortifications | 134, 760. 52 | 145, 481. 32 | 467, 785. 39 | 676, 465. 31 | 878, 562. 43 | 889, 732. 06 |
| Improving harbors | 1, 972, 879. 86 | 3, 257, 101. 16 | 3, 571, 963. 09 | 3, 490, 162. 52 | 4, 473, 678. 42 | 4, 067, 120. 24 |
| Improving rivers | 5, 331, 468. 43 | 7, 951, 195. 54 | 3, 165, 454. 74 | 3, 760, 664. 71 | 3, 543, 530. 06 | 10, 732, 715. 74 |
| Miscellaneous war expenses | 5, 241, 258. 31 | 5, 651, 028. 96 | 4, 760, 986. 54 | 5, 599, 664. 21 | 4, 602, 892. 87 | 5, 209, 367. 69 |
| Total | 41, 456, 912. 40 | 46, 973, 559. 91 | 47, 920, 664. 79 | 52, 051, 426. 97 | 49, 310, 405. 00 | 52, 024, 488. 84 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Navy Department:** | | | | | | |
| Salaries and expenses— | | | | | | |
| Navy Department proper | 318,895.28 | 338,913.16 | 340,895.11 | 362,691.23 | 380,539.68 | 396,854.66 |
| Naval Academy | 180,650.41 | 187,735.70 | 214,666.78 | 273,544.76 | 224,378.32 | 211,744.63 |
| Marine Corps | 870,595.57 | 857,956.12 | 959,564.91 | 930,896.28 | 878,987.78 | 894,841.02 |
| Miscellaneous | 6,953,815.81 | 7,973,578.32 | 7,736,626.47 | 7,658,592.40 | 7,177,998.88 | 7,754,668.72 |
| Increase of the Navy | 3,818,290.04 | 5,630,953.98 | 6,831,803.03 | 10,609,197.15 | 13,756,499.90 | 15,080,226.74 |
| Bureau of— | | | | | | |
| Yards and Docks | 1,239,965.25 | 1,519,194.76 | 1,513,406.45 | 1,208,500.88 | 1,445,358.35 | 1,209,762.70 |
| Equipment and Recruiting | 656,980.12 | 1,111,451.57 | 509,818.34 | 1,158,810.03 | 1,063,616.32 | 861,414.96 |
| Navigation | 132,624.26 | 179,845.07 | 251,578.70 | 217,476.73 | 253,286.55 | 245,617.41 |
| Construction and Repair | 969,579.40 | 1,018,687.12 | 1,094,396.85 | 1,283,438.85 | 1,206,785.82 | 994,423.28 |
| Ordnance | 275,779.39 | 288,884.06 | 318,482.67 | 410,443.19 | 610,095.18 | 449,788.29 |
| Steam Engineering | 681,025.68 | 682,491.50 | 661,468.17 | 670,260.57 | 763,110.27 | 753,836.34 |
| Provisions and Clothing | 1,464,270.07 | 1,699,687.09 | 1,801,769.21 | 1,462,192.47 | 1,575,064.12 | 1,505,843.92 |
| Medicine and Surgery | 182,911.65 | 228,844.07 | 203,225.66 | 230,553.15 | 219,006.99 | 223,916.40 |
| Total | 17,240,272.93 | 21,703,723.47 | 22,347,101.35 | 26,476,567.68 | 29,554,678.61 | 30,522,939.03 |
| **Interior Department:** | | | | | | |
| Salaries and expenses— | | | | | | |
| Interior Department proper | 4,413,396.41 | 4,285,320.61 | 4,364,281.90 | 4,733,335.52 | 4,774,279.84 | 4,762,902.62 |
| Public lands | 2,151,306.61 | 2,188,611.02 | 2,393,841.35 | 2,856,242.10 | 2,351,440.17 | 2,321,715.51 |
| Current and contingent | 626,252.00 | 202,896.12 | 177,027.05 | 219,671.03 | 206,633.03 | 175,704.93 |
| Miscellaneous, Indian service | 181,977.33 | 1,476,991.05 | 896,157.67 | 1,877,232.46 | 2,800,207.24 | 5,544,744.89 |
| Beneficiaries (humane and educational institutions) | 408,206.56 | 437,336.67 | 408,091.07 | 419,305.25 | 489,553.60 | 434,456.46 |
| Interior, miscellaneous | 886,558.83 | 449,839.99 | 1,276,198.82 | 7,272,822.47 | 2,452,985.87 | 2,282,431.63 |
| Pensions, etc | 80,288,508.77 | 87,624,779.11 | 106,936,855.07 | 124,415,951.40 | 134,583,052.79 | 159,257,557.87 |
| Fulfilling treaty stipulations with, and support of Indian tribes | 2,273,611.56 | 2,352,448.29 | 2,557,983.25 | 2,687,333.12 | 2,834,849.31 | 2,879,122.75 |
| Miscellaneous support of Indians | 1,003,897.27 | 726,752.75 | 764,565.94 | 680,530.53 | 718,442.33 | 589,406.20 |
| Indian trust fund | 945,414.92 | 787,571.25 | 851,565.66 | 1,212,180.33 | 1,873,644.03 | 1,780,456.94 |
| Incidental expenses, Indian service | 112,666.15 | 115,990.81 | 111,210.14 | 120,782.67 | 115,874.16 | 101,738.49 |
| Support of Indian schools | 1,105,488.58 | 1,229,557.51 | 1,349,586.96 | 1,729,688.87 | 2,104,427.57 | 2,224,178.07 |
| Total | 94,397,285.05 | 101,878,095.88 | 123,087,314.88 | 148,225,125.75 | 155,801,839.94 | 183,454,411.86 |

## No. 2.—RECEIPTS AND EXPENDITURES OF THE UNITED STATES DURING THE YEARS ENDING JUNE 30, FROM 1888 TO INCLUDE 1893—Cont'd.

### EXPENDITURES AND THEIR OBJECTS—Continued.

| Objects. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| EXECUTIVE—continued. | | | | | | |
| Post-Office Department: | | | | | | |
| Salaries and expenses— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Post-Office Department proper | 787,417.29 | 801,709.20 | 827,548.08 | 852,993.86 | 876,817.41 | 861,122.87 |
| Deficiency in postal revenue, and miscellaneous expenses | 4,267,817.67 | 5,151,161.95 | 8,119,907.93 | 6,095,584.78 | 5,740,641.06 | 7,563,433.00 |
| Postal service paid from postal revenue | 52,695,176.79 | 56,175,611.18 | 60,882,097.92 | 65,931,785.72 | 70,930,475.98 | 75,896,932.16 |
| Total | 57,750,411.75 | 62,128,482.33 | 69,829,553.88 | 72,880,313.86 | 77,587,934.43 | 84,321,489.03 |
| Department of Agriculture: | | | | | | |
| Salaries and expenses | 1,414,173.90 | 1,750,026.57 | 1,612,796.12 | 1,797,147.16 | 2,943,862.47 | 3,141,880.73 |
| Department of Labor: | | | | | | |
| Salaries and expenses | | 140,943.43 | 137,925.64 | 143,682.50 | 168,259.40 | 179,689.18 |
| Department of Justice: | | | | | | |
| Salaries and expenses | 224,718.47 | 638,261.90 | 864,749.70 | 810,112.74 | 856,965.68 | 913,743.80 |
| JUDICIAL. | | | | | | |
| Salaries and expenses | 4,357,110.16 | 4,295,788.20 | 4,349,692.06 | 5,806,060.77 | 4,855,825.66 | 7,091,179.67 |
| Grand total | 320,619,959.92 | 355,464,589.43 | 358,618,584.53 | 421,804,470.46 | 415,953,806.56 | 459,374,887.65 |

## RECAPITULATION OF EXPENDITURES.

| | | | | | | |
|---|---|---|---|---|---|---|
| **Legislative** | 6,593,156.11 | 9,872,890.81 | 7,084,728.73 | 7,471,598.43 | 7,683,514.82 | 8,306,057.07 |
| **Executive:** | | | | | | |
| Executive, proper | 174,569.27 | 449,529.88 | 186,544.74 | 174,897.20 | 177,615.59 | 329,616.50 |
| State Department | 1,715,881.88 | 2,049,418.02 | 1,773,066.75 | 2,170,047.47 | 1,877,905.01 | 2,138,952.77 |
| Treasury Department | 95,295,468.00 | 103,584,941.58 | 80,974,450.88 | 103,295,449.98 | 85,674,980.46 | 87,948,440.67 |
| War Department | 41,456,912.40 | 46,973,559.91 | 47,920,664.79 | 52,051,426.97 | 49,310,405.00 | 52,024,488.84 |
| Navy Department | 17,240,272.93 | 21,702,723.47 | 22,847,101.35 | 26,476,587.68 | 29,554,678.61 | 30,522,939.03 |
| Interior Department | 94,397,285.05 | 101,878,095.38 | 122,087,314.88 | 148,225,125.75 | 155,801,839.94 | 182,454,411.36 |
| Post-Office Department | 57,750,411.75 | 62,128,482.33 | 69,829,553.88 | 72,880,313.86 | 77,547,934.42 | 84,321,489.03 |
| Department of Agriculture | 1,414,173.90 | 1,750,026.57 | 1,612,796.12 | 1,797,147.16 | 2,943,862.47 | 3,141,880.73 |
| Department of Labor | ..... | 140,943.43 | 187,925.64 | 143,682.50 | 168,259.40 | 179,689.18 |
| Department of Justice | 224,718.47 | 638,261.90 | 864,749.70 | 810,112.74 | 856,985.68 | 913,742.80 |
| Total | 309,669,693.65 | 341,295,980.92 | 347,284,168.73 | 408,024,791.26 | 403,414,466.56 | 448,975,650.91 |
| **Judicial** | 4,357,110.16 | 4,295,788.20 | 4,349,692.06 | 5,808,080.77 | 4,855,825.66 | 7,091,179.67 |
| Total disbursements | 320,619,959.92 | 355,464,589.43 | 358,618,584.52 | 421,304,470.46 | 415,953,806.56 | 459,374,887.65 |

## No. 3.—Amount of the ANNUAL APPROPRIATIONS made by Congress for each Year ending June 30, from 1886 to 1894, inclusive.

[Prepared in the office of the Secretary of the Treasury.]

| Appropriated— | 2d session 48th Congress. | 1st session 49th Congress. | 2d session 49th Congress. | 1st session 50th Congress. | 2d session 50th Congress. | 1st session 51st Congress. | 2d session 51st Congress. | 1st session 52d Congress. | 2d session 52d Congress. |
|---|---|---|---|---|---|---|---|---|---|
| | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. | 1894. |
| To supply deficiencies for the service of the various branches of the Government | *Dollars.* 3, 332, 717. 89 | *Dollars.* 13, 572, 882. 61 | *Dollars.* 127, 000. 00 | *Dollars.* 21, 190, 995. 61 | *Dollars.* 14, 239, 179. 71 | *Dollars.* 94, 127, 737. 96 | *Dollars.* 38, 516, 227. 87 | *Dollars.* 14, 984, 157. 68 | *Dollars.* 21, 226, 494. 81 |
| For legislative, executive, and judicial expenses of the Government | a21, 495, 660. 70 | 20, 809, 781. 46 | 20, 772, 720. 67 | 20, 924, 492. 42 | 20, 865, 219. 98 | 21, 073, 137. 47 | 23, 027, 674. 75 | 21, 901, 066. 00 | 21, 866, 302. 81 |
| For sundry civil expenses of the Government | 25, 961, 904. 12 | 22, 650, 658. 49 | 22, 369, 840. 96 | 26, 316, 529. 85 | 25, 527, 641. 65 | 29, 760, 054. 47 | 35, 459, 163. 99 | 26, 854, 624. 88 | 27, 550, 158. 15 |
| For support of the Army | 24, 014, 052. 50 | 23, 753, 057. 21 | 23, 724, 718. 69 | 24, 474, 710. 97 | 24, 316, 615. 73 | 24, 206, 471. 79 | 24, 613, 529. 19 | 24, 308, 499. 82 | 24, 225, 639. 78 |
| For the naval service | 21, 280, 766. 93 | 16, 489, 556. 72 | 25, 786, 847. 79 | 19, 938, 281. 05 | 21, 675, 374. 96 | 23, 136, 035. 53 | 31, 541, 645. 78 | 23, 543, 266. 65 | 22, 104, 061. 38 |
| For the Indian service | 5, 773, 328. 56 | 5, 561, 262. 84 | 5, 284, 397. 66 | 5, 401, 330. 51 | 8, 077, 453. 39 | 7, 256, 758. 27 | 16, 278, 492. 48 | 7, 664, 067. 57 | 7, 884, 240. 38 |
| For rivers and harbors | ..... | 14, 464, 900. 00 | ..... | 22, 397, 616. 90 | ..... | 25, 136, 295. 00 | 2, 951, 200. 00 | 23, 068, 218. 00 | 14, 166, 153. 00 |
| For forts and fortifications | 725, 000. 00 | 59, 876. 69 | ..... | 3, 972, 000. 00 | 1, 233, 594. 00 | 4, 232, 935. 00 | 8, 774, 803. 00 | 2, 794, 276. 00 | 2, 210, 055. 00 |
| For support of Military Academy | 309, 902. 14 | 297, 805. 00 | 419, 936. 98 | 315, 043. 81 | 902, 766. 69 | 435, 296. 11 | 402, 070. 39 | 438, 917. 33 | 432, 556. 12 |
| For service of Post-Office Department | Indefinite. | Indefinite. | Indefinite. | Indefinite. | Indefinite. | Indefinite. | Indefinite. | Indefinite. | Indefinite. |
| For invalid and other pensions, including deficiencies | 60, 000, 000. 00 | 76, 075, 200. 00 | 88, 152, 500. 00 | 81, 758, 700. 00 | 81, 758, 700. 00 | 96, 457, 461. 00 | 135, 214, 785. 06 | 146, 737, 350. 00 | 166, 531, 350. 00 |
| For consular and diplomatic service | 1, 342, 925. 00 | 1, 364, 065. 00 | 1, 429, 942. 44 | 1, 428, 466. 00 | 1, 980, 025. 00 | 1, 710, 725. 96 | 1, 656, 925. 00 | 1, 604, 312. 12 | 1, 557, 445. 00 |
| For service of Agricultural Department | 580, 790. 00 | 654, 715. 00 | 1, 028, 730. 00 | 1, 715, 826. 14 | 1, 669, 770. 00 | 1, 796, 502. 85 | 3, 028, 158. 50 | 3, 233, 060. 72 | 3, 228, 500. 00 |
| For expenses of the District of Columbia | 3, 622, 683. 20 | 3, 721, 050. 99 | 4, 284, 590. 66 | 5, 056, 678. 98 | 5, 682, 409. 91 | 5, 763, 236. 75 | 5, 597, 125. 17 | 5, 217, 361. 47 | 5, 413, 223. 91 |
| For miscellaneous | 2, 268, 383. 15 | 10, 184, 570. 90 | 4, 694, 635. 33 | 10, 129, 501. 65 | 10, 186, 668. 81 | 10, 620, 840. 80 | 2, 721, 283. 24 | 3, 881, 018. 51 | 520, 666. 28 |
| Total | 170, 606, 113. 60 | 209, 659, 382. 91 | 198, 085, 861. 13 | 245, 920, 172. 89 | 218, 115, 439. 80 | 287, 722, 488. 96 | 328, 782, 079. 96 | 304,710,196.75 | 319, 011, 846. 68 |

a Includes $6,150,061.96 for month ending June 30, 1886.

No. 4.—Analysis of the PRINCIPAL of the PUBLIC DEBT of the United States on July 1, of each Year from 1869 to 1893, inclusive.

[Prepared in the office of the Secretary of the Treasury.]

| July 1— | 3 per cents. | 3½ per cents. | 4 per cents. | 4½ per cents. | 5 per cents. | 6 per cents. | Total interest-bearing debt. | Annual interest charge. |
|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1869 | 66, 125, 000. 00 | | | | 221, 588, 300. 00 | 1, 874, 347, 222. 39 | 2, 162, 060, 522. 39 | 125, 523, 998. 34 |
| 1870 | 59, 550, 000. 00 | | | | 221, 588, 300. 00 | 1, 765, 317, 422. 39 | 2, 046, 455, 722. 39 | 118, 784, 960. 34 |
| 1871 | 45, 885, 000. 00 | | 678, 000. 00 | | 274, 236, 450. 00 | 1, 613, 897, 300. 00 | 1, 934, 696, 750. 00 | 111, 949, 330. 50 |
| 1872 | 24, 665, 000. 00 | | 678, 000. 00 | | 414, 567, 300. 00 | 1, 374, 883, 800. 00 | 1, 814, 794, 100. 00 | 103, 988, 463. 00 |
| 1873 | 14, 000, 000. 00 | | 678, 000. 00 | | 414, 567, 300. 00 | 1, 281, 288, 650. 00 | 1, 710, 483, 950. 00 | 98, 049, 804. 00 |
| 1874 | 14, 000, 000. 00 | | 678, 000. 00 | | 510, 628, 050. 00 | 1, 212, 624, 700. 00 | 1, 738, 930, 750. 00 | 98, 796, 004. 50 |
| 1875 | 14, 000, 000. 00 | | 678, 000. 00 | | 607, 132, 750. 00 | 1, 100, 865, 550. 00 | 1, 722, 676, 300. 00 | 96, 855, 690. 50 |
| 1876 | 14, 000, 000. 00 | | | | 711, 685, 300. 00 | 984, 999, 650. 00 | 1, 710, 685, 450. 00 | 96, 104, 269. 00 |
| 1877 | 14, 000, 000. 00 | | | 140, 000, 000. 00 | 703, 266, 650. 00 | 854, 621, 850. 00 | 1, 711, 888, 500. 00 | 93, 160, 643. 50 |
| 1878 | 14, 000, 000. 00 | | 96, 850, 000. 00 | 240, 000, 000. 00 | 703, 266, 650. 00 | 738, 619, 000. 00 | 1, 794, 735, 650. 00 | 94, 654, 472. 50 |
| 1879 | 14, 000, 000. 00 | | 741, 522, 000. 00 | 250, 000, 000. 00 | 508, 440, 350. 00 | 283, 681, 350. 00 | 1, 797, 643, 700. 00 | 83, 773, 778. 50 |
| 1880 | 14, 000, 000. 00 | | 739, 347, 800. 00 | 250, 000, 000. 00 | 484, 864, 900. 00 | 235, 780, 400. 00 | 1, 723, 993, 100. 00 | 79, 633, 981. 00 |
| 1881 | 14, 000, 000. 00 | | 739, 347, 800. 00 | 250, 000, 000. 00 | 439, 841, 350. 00 | 196, 378, 600. 00 | 1, 639, 567, 750. 00 | 75, 018, 695. 50 |
| 1882 | 14, 000, 000. 00 | 460, 461, 050. 00 | 739, 349, 350. 00 | 250, 000, 000. 00 | | | 1, 463, 810, 400. 00 | 57, 300, 110. 75 |
| 1883 | 318, 294, 350. 00 | 82, 082, 000. 00 | 737, 942, 200. 00 | 250, 000, 000. 00 | | | 1, 388, 229, 150. 00 | 51, 436, 709. 50 |
| 1884 | 238, 612, 150. 00 | | 737, 951, 700. 00 | 250, 000, 000. 00 | | | 1, 226, 563, 850. 00 | 47, 926, 432. 50 |
| 1885 | 208, 190, 500. 00 | | 737, 960, 450. 00 | 250, 000, 000. 00 | | | 1, 196, 150, 950. 00 | 47, 014, 133. 00 |
| 1886 | 158, 046, 600. 00 | | 737, 967, 500. 00 | 250, 000, 000. 00 | | | 1, 146, 014, 100. 00 | 45, 510, 098. 00 |
| 1887 | 33, 716, 500. 00 | | 737, 975, 850. 00 | 250, 000, 000. 00 | | | 1, 021, 692, 350. 00 | 41, 780, 529. 00 |
| 1888 | 14, 000, 000. 00 | | 714, 315, 450. 00 | 222, 207, 050. 00 | | | 950, 522, 500. 00 | 38, 991, 935. 25 |
| 1889 | 14, 000, 000. 00 | | 676, 214, 900. 00 | 139, 639, 000. 00 | | | 829, 853, 900. 00 | 33, 753, 354. 60 |
| 1890 | 14, 000, 000. 00 | | 602, 297, 350. 00 | 109, 015, 750. 00 | | | 725, 313, 110. 00 | 29, 417, 608. 15 |
| 1891 | | | 559, 659, 920. 00 | 50, 869, 200. 00 | | | 610, 529, 120. 00 | 23, 615, 785. 80 |
| 1892 | | | 559, 664, 330. 00 | a 25, 864, 500. 00 | | | 585, 029, 330. 00 | 22, 893, 883. 20 |
| 1893 | | | 559, 672, 600. 00 | a 25, 864, 500. 00 | | | 585, 037, 100. 00 | 22, 894, 194. 00 |

a Continued at 2 per cent.

Note 1.—The interest charge is computed upon the amount of outstanding principal at the close of the fiscal year, and is exclusive of interest charge on Pacific Railway bonds.

Note 2.—The total interest-bearing debt, as above, is exclusive of Pacific Railway bonds.

| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | | Dollars. | Dollars. |
|---|---|---|---|---|---|---|---|---|
| 1869 | 5, 260, 181. 00 | 421, 131, 510. 55 | 2, 588, 452, 213. 94 | 155, 680, 340. 85 | 2, 432, 771, 873. 09 | 37, 756, 000 | 64. 43 | 3. 32 |
| 1870 | 3, 708, 641. 00 | 430, 508, 064. 42 | 2, 480, 672, 427. 81 | 149, 502, 471. 60 | 2, 331, 169, 956. 21 | 38, 558, 371 | 60. 46 | 3. 08 |
| 1871 | 1, 948, 902. 26 | 416, 565, 680. 06 | 2, 353, 211, 331. 32 | 106, 217, 263. 65 | 2, 246, 994, 068. 67 | 39, 555, 000 | 56. 81 | 2. 83 |
| 1872 | 7, 926, 797. 26 | 430, 530, 431. 52 | 2, 253, 251, 328. 78 | 103, 470, 798. 43 | 2, 149, 780, 530. 35 | 40, 596, 000 | 52. 96 | 2. 56 |
| 1873 | 51, 929, 710. 26 | 472, 069, 332. 94 | 2, 234, 482, 993. 20 | 129, 020, 932. 45 | 2, 105, 462, 060. 75 | 41, 677, 000 | 50. 52 | 2. 35 |
| 1874 | 3, 216, 590. 26 | 509, 543, 128. 17 | 2, 251, 690, 468. 43 | 147, 541, 314. 74 | 2, 104, 149, 153. 69 | 42, 796, 000 | 49. 17 | 2. 31 |
| 1875 | 11, 425, 820. 26 | 498, 182, 411. 69 | 2, 232, 284, 531. 95 | 142, 243, 361. 82 | 2, 090, 041, 170. 13 | 43, 961, 000 | 47. 53 | 2. 20 |
| 1876 | 3, 902, 420. 26 | 465, 807, 196. 89 | 2, 180, 395, 067. 15 | 119, 469, 726. 70 | 2, 060, 925, 340. 45 | 45, 137, 000 | 45. 66 | 2. 11 |
| 1877 | 16, 648, 860. 26 | 476, 764, 031. 84 | 2, 205, 301, 392. 10 | 186, 025, 960. 73 | 2, 019, 275, 431. 37 | 46, 353, 000 | 43. 56 | 2. 01 |
| 1878 | 5, 594, 560. 26 | 455, 875, 682. 27 | 2, 256, 205, 893. 53 | 256, 823, 612. 08 | 1, 999, 382, 280. 45 | 47, 598, 000 | 42. 01 | 1. 99 |
| 1879 | 37, 015, 630. 26 | 410, 835, 741. 78 | 2, 245, 495, 072. 04 | 249, 080, 167. 01 | 1, 996, 414, 905. 03 | 48, 866, 000 | 40. 85 | 1. 71 |
| 1880 | 7, 621, 455. 26 | 388, 800, 815. 37 | 2, 120, 415, 370. 63 | 201, 088, 622. 88 | 1, 919, 326, 747. 75 | 50, 155, 783 | 38. 27 | 1. 59 |
| 1881 | 6, 723, 865. 26 | 422, 721, 954. 32 | 2, 069, 013, 569. 58 | 249, 363, 415. 85 | 1, 819, 650, 154. 23 | 51, 316, 000 | 35. 46 | 1. 46 |
| 1882 | 16, 260, 805. 26 | 438, 241, 788. 77 | 1, 918, 312, 994. 03 | 243, 289, 519. 78 | 1, 675, 023, 474. 25 | 52, 495, 000 | 31. 91 | 1. 09 |
| 1883 | 7, 831, 415. 26 | 538, 111, 162. 81 | 1, 884, 171, 728. 07 | 345, 389, 902. 92 | 1, 538, 781, 825. 15 | 53, 693, 000 | 28. 66 | .96 |
| 1884 | 19, 656, 205. 26 | 584, 308, 868. 31 | 1, 836, 528, 923. 57 | 391, 085, 928. 18 | 1, 438, 542, 995. 39 | 54, 911, 000 | 26. 20 | .87 |
| 1885 | 4, 100, 995. 26 | 663, 712, 927. 88 | 1, 863, 964, 873. 14 | 488, 612, 429. 23 | 1, 375, 352, 443. 91 | 56, 148, 000 | 24. 50 | .84 |
| 1886 | 9, 704, 445. 26 | 619, 344, 468. 52 | 1, 775, 063, 013. 78 | 492, 917, 173. 34 | 1, 282, 145, 840. 44 | 57, 404, 000 | 22. 34 | .79 |
| 1887 | 6, 115, 165. 26 | 629, 795, 077. 87 | 1, 657, 602, 592. 63 | 482, 433, 917. 21 | 1, 175, 168, 675. 42 | 58, 680, 000 | 20. 03 | .71 |
| 1888 | 2, 496, 095. 26 | 739, 840, 389. 33 | 1, 692, 858, 984. 56 | 629, 854, 089. 85 | 1, 063, 004, 894. 73 | 59, 974, 000 | 17. 72 | .65 |
| 1889 | 1, 911, 485. 26 | 787, 287, 446. 97 | 1, 619, 052, 922. 28 | 643, 113, 172. 01 | 975, 939, 750. 22 | 61, 289, 000 | 15. 92 | .53 |
| 1890 | 1, 815, 805. 26 | 825, 011, 289. 47 | 1, 552, 140, 204. 73 | 661, 355, 834. 20 | 890, 784, 370. 53 | 62, 622, 250 | 14. 22 | .47 |
| 1891 | 1, 614, 705. 26 | 933, 852, 766. 35 | 1, 545, 996, 591. 61 | 694, 083, 839. 83 | 851, 912, 751. 78 | 63, 975, 000 | 13. 32 | .37 |
| 1892 | 2, 785, 875. 26 | 1, 000, 648, 939. 37 | 1, 588, 464, 144. 63 | 746, 937, 681. 03 | 841, 526, 463. 60 | 65, 403, 000 | 12. 86 | .35 |
| 1893 | 2, 094, 060. 26 | 958, 854, 525. 87 | 1, 545, 985, 686. 13 | 707, 016, 210. 38 | 838, 969, 475. 75 | 66, 826, 000 | 12. 55 | .34 |

NOTE 1.—The population is for June 1, for 1870, 1880, and 1890 from the census, and for other years from estimates, for the same date each year, prepared by the actuary of this Department.

NOTE 2.—The figures for July 1, 1879, were made up assuming pending funding operations to have been completed.

NOTE 3.—The column of "Debt bearing no interest" includes certificates issued against gold, silver, and currency deposited in the Treasury.

## No. 5.—Total State, County, Municipal, and School District Indebtedness of the United States, by States and Geographical Divisions for 1880 and 1890.

[From the Census of 1890, prepared by Special Agent J. K. Upton.]

| States and Divisions. | State debt less sinking fund. | | County debt less sinking fund. | | Municipal debt less sinking fund. | | School district debt less sinking fund. | | Total debt less sinking fund. | | Debt less sinking fund per capita. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dolls.* | *Dolls.* |
| Maine | 5,511,871 | 3,470,908 | 451,809 | 434,346 | 17,192,206 | 11,695,523 | 80,034 | ..... | 23,235,980 | 15,600,777 | 35.81 | 23.60 |
| New Hampshire | 3,629,613 | 2,691,019 | 779,034 | 556,987 | 6,318,329 | 4,718,025 | 65,607 | 183,331 | 10,792,583 | 8,149,362 | 31.10 | 21.64 |
| Vermont | 151,020 | 148,416 | 23,421 | 5,106 | 4,167,469 | 3,529,014 | 157,278 | 102,835 | 4,499,188 | 3,785,373 | 13.54 | 11.39 |
| Massachusetts | 20,785,216 | 7,267,349 | 1,371,313 | 4,051,330 | 69,753,222 | 70,230,848 | ..... | ..... | 91,909,651 | 81,550,027 | 51.55 | 36.42 |
| Rhode Island | 1,700,736 | 422,963 | ..... | ..... | 11,088,861 | 12,499,254 | 181,466 | 119,880 | 12,971,063 | 13,042,117 | 46.91 | 37.75 |
| Connecticut | 4,967,600 | 3,740,200 | 101,400 | 30,547 | 16,248,751 | 18,322,371 | 683,910 | 1,610,360 | 22,001,661 | 23,703,478 | 35.33 | 31.76 |
| New York | 7,659,222 | 2,308,230 | 12,399,308 | 10,936,638 | 196,206,841 | 187,348,168 | 580,433 | 1,170,186 | 218,845,804 | 201,763,217 | 43.06 | 33.64 |
| New Jersey | 649,248 | 1,022,642 | 6,668,463 | 3,726,130 | 41,367,057 | 42,990,338 | 697,907 | 1,592,479 | 49,382,675 | 49,333,589 | 43.66 | 34.14 |
| Pennsylvania | 13,883,218 | 4,068,610 | 9,781,384 | 7,841,484 | 81,081,128 | 54,238,547 | 2,455,962 | 4,893,034 | 107,201,692 | 71,041,675 | 25.03 | 13.51 |
| Total North Atlantic. | 58,937,744 | 25,140,357 | 31,576,932 | 27,585,070 | 445,423,924 | 405,572,083 | 4,902,597 | 9,671,165 | 540,840,297 | 467,968,615 | 37.28 | 26.89 |
| Delaware | 905,461 | 887,573 | 44,000 | 618,400 | 1,417,613 | 1,413,111 | 4,222 | ..... | 2,371,296 | 2,919,084 | 16.17 | 17.32 |
| Maryland | 11,118,866 | 8,434,368 | 1,377,325 | 893,776 | 28,932,988 | 32,847,264 | ..... | ..... | 41,429,179 | 42,175,408 | 44.31 | 40.46 |
| District of Columbia | 22,498,323 | 19,781,050 | ..... | ..... | ..... | ..... | ..... | ..... | 22,498,323 | 19,781,050 | 126.66 | 85.86 |
| Virginia | 32,764,200 | 34,227,234 | 1,283,574 | 1,774,535 | 11,380,414 | 14,835,546 | 90,583 | ..... | 45,518,776 | 50,837,315 | 30.09 | 30.70 |
| West Virginia | 127,511 | 184,511 | 592,780 | 1,197,462 | 877,086 | 1,132,188 | 43,558 | 18,299 | 1,640,935 | 2,532,460 | 2.65 | 3.32 |
| North Carolina | 15,422,045 | 7,703,100 | 1,524,654 | 1,514,600 | 1,015,836 | 1,899,745 | ..... | ..... | 17,962,535 | 11,117,445 | 12.53 | 6.87 |
| South Carolina | 7,478,293 | 6,953,582 | 1,573,759 | 1,962,750 | 5,133,008 | 5,279,305 | ..... | ..... | 14,185,060 | 12,295,637 | 14.25 | 11.55 |
| Georgia | 9,917,862 | 10,449,542 | 181,790 | 429,380 | 9,548,613 | 9,393,173 | ..... | ..... | 19,648,265 | 20,272,095 | 12.74 | 11.03 |
| Florida | 1,173,912 | 1,031,913 | 435,993 | 334,658 | 1,055,636 | 810,048 | ..... | ..... | 2,665,541 | 2,176,619 | 9.89 | 5.56 |
| Total South Atlantic. | 101,406,473 | 89,652,873 | 7,013,875 | 7,825,561 | 59,361,194 | 67,610,380 | 138,363 | 18,299 | 167,919,910 | 165,107,113 | 22.10 | 18.64 |
| Ohio | 10,022,721 | 7,135,806 | 2,962,649 | 7,797,005 | 38,606,606 | 52,888,263 | 1,452,199 | 3,244,312 | 53,044,175 | 71,065,386 | 16.59 | 19.35 |
| Indiana | 4,996,090 | 3,538,059 | 4,048,054 | 6,406,239 | 9,308,505 | 9,498,338 | (a) | (a) | 18,352,649 | 24,442,631 | 9.28 | 11.15 |
| Illinois | 1,446,466 | 1,134,907 | 14,181,134 | 11,016,380 | 27,354,982 | 26,456,965 | 3,406,306 | 3,183,397 | 46,388,888 | 41,841,649 | 15.07 | 10.94 |

a Included in municipal debt.

## No. 5.—Total State, County, Municipal, and School District Indebtedness of the United States, by States and Geographical Divisions, for 1880 and 1890—Continued.

| States and Divisions. | State debt less sinking fund. | | County debt less sinking fund. | | Municipal debt less sinking fund. | | School district debt less sinking fund. | | Total debt less sinking fund. | | Debt less sinking fund per capita. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. | 1880. | 1890. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dolls.* | *Dolls.* |
| Michigan | 3,252,758 | 5,308,294 | 896,700 | 1,257,698 | 6,516,771 | 8,510,439 | 1,389,673 | 1,965,497 | 12,055,902 | 16,941,928 | 7.36 | 8.09 |
| Wisconsin | 2,462,049 | 2,295,391 | 2,292,254 | 1,529,681 | 7,055,114 | 6,303,695 | 276,567 | 311,903 | 12,085,984 | 10,440,580 | 9.19 | 6.19 |
| Minnesota | 5,417,369 | 2,239,482 | 961,412 | 3,317,657 | 4,318,180 | 18,427,368 | 691,472 | 2,066,422 | 11,328,433 | 26,050,929 | 14.51 | 20.01 |
| Iowa | 545,435 | 245,435 | 2,992,573 | 3,416,589 | 3,474,621 | 6,391,772 | 1,125,138 | 1,221,223 | 8,137,767 | 11,275,319 | 5.01 | 5.90 |
| Missouri | 19,509,000 | 11,759,832 | 12,073,312 | 10,240,062 | 27,934,665 | 28,092,163 | 746,784 | 1,465,551 | 60,263,761 | 51,557,568 | 27.79 | 19.24 |
| North Dakota | ..... | 703,769 | 118,476 | 1,372,261 | 13,250 | 711,665 | ..... | 1,055,095 | 131,726 | 3,842,790 | 3.57 | 21.03 |
| South Dakota | ..... | 871,600 | 843,094 | 2,441,334 | 24,040 | 1,197,520 | ..... | 2,103,253 | 867,134 | 6,613,707 | 8.82 | 20.11 |
| Nebraska | 439,799 | 253,879 | 5,120,362 | 5,510,175 | 1,102,172 | 7,124,506 | 827,641 | 2,648,212 | 7,489,974 | 15,536,772 | 16.56 | 14.67 |
| Kansas | 993,961 | 1,119,658 | 7,950,921 | 14,805,052 | 5,188,724 | 18,617,384 | 1,778,508 | 6,086,928 | 15,912,114 | 40,629,022 | 15.97 | 28.47 |
| Total North Central | 49,085,648 | 41,656,112 | 54,380,941 | 69,110,453 | 130,897,639 | 184,219,923 | 11,694,288 | 25,251,793 | 246,058,507 | 320,238,281 | 14.17 | 14.32 |
| Kentucky | 1,091,424 | 1,671,183 | 5,877,043 | 5,712,463 | 7,994,594 | 11,880,417 | 16,388 | 168,872 | 14,982,449 | 19,432,885 | 9.09 | 10.46 |
| Tennessee | 30,802,668 | 19,695,974 | 3,060,545 | 2,172,059 | 6,886,924 | 7,675,810 | ..... | ..... | 40,750,137 | 29,543,843 | 26.42 | 16.71 |
| Alabama | 12,370,994 | 12,413,196 | 1,683,286 | 1,483,321 | 3,953,514 | 5,084,350 | ..... | ..... | 18,007,774 | 18,980,867 | 14.26 | 12.51 |
| Mississippi | 3,324,084 | 3,503,009 | 1,132,763 | 1,230,299 | 498,942 | 1,278,039 | ..... | ..... | 4,955,789 | 6,011,347 | 4.38 | 4.66 |
| Louisiana | 23,437,640 | 16,008,585 | 1,107,470 | 177,798 | 18,320,361 | 17,149,114 | ..... | ..... | 42,865,471 | 33,335,497 | 45.60 | 29.80 |
| Texas | 5,650,213 | 4,317,515 | 2,499,257 | 6,891,714 | 3,538,698 | 8,928,852 | ..... | 33,982 | 11,688,198 | 20,172,063 | 7.34 | 9.02 |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Arkansas | a 6,788,972 | b 8,671,782 | 3,135,749 | 1,559,497 | 763,298 | 580,041 | 45,121 | 17,489 | 10,733,140 | 10,828,809 | 13.37 | 9.00 |
| Total South Central | 83,468,995 | 66,281,194 | 18,496,123 | 19,177,151 | 41,956,331 | 52,576,623 | 61,509 | 220,343 | 143,982,958 | 138,255,311 | 16.14 | 12.60 |
| Montana | 70,000 | 167,815 | 659,696 | 2,004,513 | ..... | 614,519 | 35,552 | 132,046 | 765,248 | 2,918,895 | 19.54 | 22.09 |
| Wyoming | 17,000 | 320,000 | 169,377 | 1,083,790 | 19,085 | 243,591 | ..... | ..... | 205,462 | 1,647,381 | 9.88 | 27.14 |
| Colorado | 146,338 | 599,851 | 2,592,363 | 4,601,588 | 560,578 | 2,955,962 | 328,468 | 253,626 | 3,627,742 | 8,411,027 | 18.67 | 20.41 |
| New Mexico | ..... | 570,000 | 84,872 | 1,815,088 | ..... | 127,085 | ..... | 19,370 | 84,872 | 2,831,538 | .71 | 18.44 |

a Includes $1,543,145 scrip held in Treasury as cash.

b Includes $3,703,757 scrip held in Treasury as cash.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arizona | ..... | 787, 180 | 868, 217 | 1, 654, 414 | 11, 284 | 260, 105 | 12, 000 | 26, 223 | 877, 501 | 2, 937, 971 | 9. 33 | 49. 23 |
| Utah | 8, 120 | ..... | 18, 123 | 49, 880 | 91, 990 | 717, 643 | ..... | ..... | 116, 251 | 767, 501 | .81 | 3. 60 |
| Nevada | 875, 243 | 509, 535 | 891, 017 | 813, 676 | 132, 000 | ..... | 1, 566 | 15, 800 | 1, 339, 705 | 1, 337, 501 | 22. 45 | 29. 23 |
| Idaho | 83, 944 | 218, 493 | 143, 743 | 1, 234, 967 | 2, 500 | 29, 211 | 666 | 111, 642 | 229, 332 | 1, 594, 333 | 7. 05 | 18. 39 |
| Washington | ..... | 300, 000 | 204, 334 | 1, 507, 786 | 84, 927 | 1, 046, 510 | ..... | 291, 862 | 239, 311 | 3, 145, 658 | 3. 19 | 9. 00 |
| Oregon | 511, 876 | 1, 695 | 211, 767 | 905, 711 | 98, 774 | 1, 336, 444 | 26, 685 | 186, 020 | 844, 502 | 2, 479, 860 | 4. 86 | 7. 90 |
| California | 3, 123, 215 | 3, 532, 325 | 7, 312, 439 | 5, 879, 403 | 5, 758, 022 | 7, 162, 922 | 878, 113 | 504, 899 | 16, 582, 439 | 15, 588, 459 | 19. 18 | 12. 89 |
| Total Western Division | 4, 345, 235 | 6, 266, 853 | 12, 638, 056 | 21, 349, 810 | 6, 709, 794 | 14, 464, 951 | 783, 920 | 1, 540, 408 | 24, 476, 975 | 43, 641, 122 | 13. 85 | 14. 41 |
| Grand Total | 297, 264, 095 | 223, 997, 899 | 124, 105, 097 | 145, 943, 945 | 634, 848, 843 | 724, 463, 000 | 17, 580, 623 | 36, 701, 948 | 1, 123, 378, 647 | 1, 135, 210, 443 | 22. 40 | 18. 13 |

## No. 6.—Assessed Valuation and Ad Valorem Taxation of the United States, by States and Geographical Divisions, for 1880 and 1890.

[Prepared by J. K. Upton, Special Agent Eleventh Census.]

| States and Divisions. | Assessed valuation. | | | | Ad valorem taxation. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total. | | 1890 in detail. | | Total. | | Levy in 1890 (other than for schools and school districts) by the— | | | Levy for schools in 1890 by the— | |
| | 1880. | 1890. | Real estate. | Personal property. | 1880. | 1890. | State. | County. | Minor divisions. | State. | Counties and minor divisions. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Maine | 235, 978, 716 | 309, 129, 101 | 233, 946, 082 | 75, 183, 019 | 5, 182, 135 | 4, 922, 858 | 295, 100 | 335, 963 | 3, 110, 839 | 236, 600 | 944, 356 |
| New Hampshire | 205, 596, 805 | 263, 059, 798 | 141, 729, 716 | 121, 330, 082 | 3, 179, 192 | 4, 063, 640 | 618, 701 | 484, 709 | 2, 359, 242 | ..... | 600, 988 |
| Vermont | 86, 806, 775 | 162, 098, 513 | 112, 895, 125 | 49, 203, 388 | 1, 745, 111 | 2, 105, 395 | 176, 651 | 11, 302 | 1, 296, 625 | ..... | 620, 817 |
| Massachusetts | 1, 584, 756, 802 | 2, 154, 134, 626 | 1, 600, 137, 807 | 553, 996, 819 | 24, 326, 877 | 31, 503, 666 | 1, 782, 891 | 1, 989, 182 | 21, 036, 686 | ..... | 6, 694, 907 |
| Rhode Island | 252, 536, 673 | 321, 764, 503 | 243, 081, 296 | 78, 683, 207 | 2, 692, 715 | 3, 797, 417 | 591, 353 | ..... | 2, 601, 185 | ..... | 604, 879 |
| Connecticut | 327, 177, 385 | 358, 913, 956 | 261, 451, 666 | 97, 462, 290 | 5, 365, 739 | 6, 112, 197 | ..... | 24, 392 | 4, 413, 066 | ..... | 1, 674, 739 |
| New York | 2, 651, 940, 006 | 3, 785, 910, 313 | 3, 403, 751, 246 | 382, 159, 067 | 56, 392, 975 | 75, 126, 502 | 5, 381, 585 | 7, 950, 882 | 46, 252, 685 | 3, 537, 318 | 12, 004, 082 |
| New Jersey | 702, 518, 361 | 893, 859, 866 | 562, 375, 791 | 331, 484, 075 | 8, 958, 065 | 14, 103, 525 | 988, 219 | 3, 037, 853 | 7, 001, 311 | 1, 995, 260 | 1, 080, 882 |
| Pennsylvania | 1, 683, 459, 016 | 2, 659, 796, 909 | 2, 042, 016, 599 | 617, 780, 310 | 28, 779, 334 | 37, 512, 062 | 1, 723, 284 | 5, 263, 321 | 19, 358, 154 | ..... | 11, 167, 303 |
| Total N. Atlantic. | 7, 730, 760, 539 | 10, 908, 667, 585 | 8, 601, 385, 328 | 2, 307, 282, 257 | 136, 622, 143 | 179, 247, 262 | 11, 557, 734 | 19, 097, 604 | 107, 429, 793 | 5, 769, 178 | 35, 392, 953 |
| Delaware | 59, 951, 643 | 66, 210, 519 | 63, 346, 513 | 2, 864, 006 | 604, 257 | 922, 179 | ..... | 264, 843 | 371, 130 | ..... | 286, 206 |
| Maryland | 497, 307, 675 | 529, 494, 777 | 411, 900, 246 | 117, 594, 531 | 5, 437, 462 | 8, 173, 075 | 349, 586 | 1, 477, 085 | 4, 477, 665 | 506, 291 | 1, 362, 448 |
| District of Columbia | 99, 401, 787 | 153, 307, 541 | 141, 609, 891 | 11, 697, 650 | 1, 469, 254 | 2, 280, 110 | 1, 791, 922 | ..... | ..... | 488, 188 | ..... ..... |
| Virginia | 318, 331, 441 | 415, 249, 107 | 272, 311, 276 | 142, 937, 831 | 4, 693, 486 | 5, 230, 614 | 1, 299, 502 | 1, 022, 749 | 1, 893, 837 | 362, 979 | 651, 547 |
| West Virginia | 146, 991, 688 | 186, 964, 770 | 121, 202, 365 | 65, 762, 405 | 1, 993, 475 | 3, 253, 900 | 470, 337 | 1, 267, 898 | 346, 047 | 186, 963 | 982, 655 |
| North Carolina | 156, 100, 202 | 235, 300, 674 | 142, 068, 932 | 93, 231, 742 | 1, 916, 132 | 2, 394, 458 | 702, 215 | 897, 435 | 432, 316 | 274. 394 | 88, 098 |
| South Carolina | 133, 560, 135 | 168, 262, 669 | 90, 042, 723 | 78, 219, 946 | 1, 839, 983 | 2, 745. 048 | 799, 248 | 814, 261 | 677, 892 | 336, 525 | 117, 122 |
| Georgia | 251, 963, 124 | 415, 828, 945 | 225, 054, 915 | 190, 774, 030 | 3, 013, 777 | 5, 711, 990 | 1, 269, 315 | 1, 694, 226 | 1, 954, 462 | 377, 367 | 416. 620 |
| Florida | 30, 938, 309 | 91, 761, 711 | 60, 596, 574 | 31, 165, 137 | 584, 818 | 1, 976, 439 | 470, 768 | 514, 294 | 434, 354 | 91, 802 | 465, 221 |
| Total S. Atlantic. | 1, 694, 546, 004 | 2, 262, 380, 713 | 1, 528, 133, 435 | 734, 247, 278 | 21, 552. 644 | 32, 687, 813 | 7, 152, 893 | 7, 952, 791 | 10, 587, 703 | 2, 624, 509 | 4, 369, 917 |
| Ohio | 1, 534, 300, 508 | 1, 778, 138, 477 | 1, 232, 305, 312 | 545, 833, 165 | 25, 756, 658 | 33, 289, 417 | 3, 022, 840 | 8, 577, 134 | 11, 741, 423 | 1, 778, 144 | 8, 769, 876 |
| Indiana | 727, 815, 131 | 856, 838, 472 | 554, 900, 734 | 301, 937, 738 | 11, 943, 630 | 15, 584, 054 | 1, 029, 015 | 5, 151, 206 | 4, 941, 588 | 1, 414, 208 | 3, 048, 037 |
| Illinois | 786, 616, 394 | 809, 682, 926 | 587, 442, 289 | 222, 240, 637 | 24, 586, 018 | 33, 090, 429 | 1, 825, 429 | 4, 650, 182 | 14, 768, 426 | 1, 092, 105 | 10, 754, 287 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Michigan | 517,966,359 | .896,155,532 | 789,690,151 | 158,465,381 | 8,627,949 | 14,477,767 | 1,966,512 | 3,272,946 | 6,712,750 | ..... | 4,225,558 |
| Wisconsin | 406,303,185 | 577,066,252 | 484,590,340 | 112,475,912 | 7,588,325 | 13,191,899 | 300,974 | 2,535,876 | 6,455,788 | 592,889 | 3,306,372 |
| Minnesota | 258,028,687 | 588,820,213 | 496,558,366 | 92,261,847 | 4,346,300 | 12,707,428 | 1,177,518 | 2,145,467 | 5,412,879 | 1,176,277 | 2,795,287 |
| Iowa | 396,671,251 | 519,246,110 | 370,921,446 | 148,324,664 | 11,061,605 | 15,175,432 | 1,298,111 | 5,001,928 | 2,859,737 | ..... | 6,015,656 |
| Missodri | 561,939,771 | 887,975,928 | 599,859,331 | 288,116,597 | 11,831,491 | 16,447,206 | 2,069,457 | 3,830,726 | 6,167,702 | 592,166 | 3,787,155 |
| North Dakota | 8,786,572 | 88,203,054 | 65,181,187 | 23,021,867 | 151,284 | 2,427,563 | 400,877 | 649,581 | 385,059 | 176,306 | 815,740 |
| South Dakota | 11,534,958 | 140,154,980 | 101,378,719 | 38,776,211 | 326,782 | 3,626,313 | 342,242 | 1,049,048 | 533,426 | 282,228 | 1,419,369 |
| Nebraska | 90,585,782 | 184,770,305 | 115,181,167 | 69,589,138 | 2,792,480 | 8,325,566 | 1,029,066 | 2,859,289 | 2,091,130 | 142,459 | 2,203,622 |
| Kansas | 160,891,689 | 347.717,219 | 241,100,071 | 106,617,148 | 4,679,650 | 12,756,148 | 1,480,960 | 3,822,336 | 3,229,056 | ..... | 4,223,796 |
| TOTAL N. CENTRAL. | 5,463,200,287 | 7,676,769,418 | 5,569,109,113 | 2,107,660,305 | 113,692,173 | 181,699,222 | 15,243,001 | 42,545,719 | 65,298,970 | 7,246,782 | 51,364.750 |
| Kentucky | 370,743,384 | 547,596,788 | 376,788,792 | 170,807,996 | 5,201,017 | 6,491,113 | 1,095,011 | 1,627,874 | 1,752,337 | 1,231,483 | 784.408 |
| Tennessee | 228,154,432 | 382,760,191 | 292,872,811 | 89,887,380 | 2,515,567 | 5,636,772 | 1,148,284 | 1,296,218 | 1,808,781 | 574,652 | 808,837 |
| Alabama | 122,867,228 | 258,979,575 | 154,706,484 | 104,273,091 | 2,061,978 | 2,968,352 | 692,618 | 1,169,365 | 673,576 | 350,000 | 82,793 |
| Mississippi | 110,628,129 | 166,772,279 | 117,004,402 | 49,767,877 | 2,217,138 | 2,803,337 | 667,089 | 1,118,897 | 422,914 | ..... | 594.437 |
| Louisiana | 160,162,439 | 234,320,780 | 159,619,875 | 74,700,905 | 4,386,646 | 5,103,675 | 1,141,715 | 773,957 | 2,636,198 | 263,766 | 288.039 |
| Texas | 320,364,515 | 780,396,605 | 523,893,098 | 257,005,507 | 4,568,716 | 9,817,369 | 1,561,794 | 3,970,261 | 2,268,608 | 976,111 | 1,040,595 |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Arkansas | 86,409,364 | 174,737,755 | 109,417,158 | 65,320,597 | 1,839,090 | 2,813,791 | 524,213 | 929,423 | 225,938 | 849,476 | 784.741 |
| TOTAL S. CENTRAL. | 1,399,329,491 | 2,546,065,973 | 1.734,302,620 | 811,763,353 | 22,790,152 | 35,634,409 | 6,830,724 | 10,885,995 | 9,788,352 | 3,745,488 | 4,383,850 |
| Montana | 18,609,802 | 112,937,384 | 54,943,531 | 57,993,853 | 383,947 | 2,347,370 | 225,873 | 1,328,806 | 341,145 | ..... | 451,546 |
| Wyoming | 13,621,829 | 32,536,401 | 12,719,221 | 19,817,180 | 230,228 | 784,333 | 162,682 | 348,659 | 74,761 | ..... | 198,231 |
| Colorado | 74,471,693 | 220,554,064 | 155,383,090 | 65,170,974 | 2,152,008 | 6,419,271 | 883,070 | 2,535,286 | 1,438.289 | ..... | 1,562,626 |
| New Mexico | 14,675,209 | 43,227,686 | 15,371,084 | 27,856,602 | 164,100 | 1,043,316 | 376,194 | 373,740 | 37,672 | 129,684 | 126,026 |
| Arizona | 9,270,214 | 28,050,234 | 10,174,476 | 17,875.758 | 293,036 | 838,379 | 217,389 | 431,898 | 36,610 | 8,415 | 144,067 |
| Utah | 24,775,279 | 106,110,370 | 80,218,871 | 25,891,499 | 435,238 | 1,601,504 | 212,220 | 318,331 | 314,101 | 318,331 | 438,521 |
| Nevada | 29,291,459 | 25,350,094 | 8,544,341 | 16,805,753 | 871,673 | 735,910 | 215,477 | 359,842 | 36,377 | 12,671 | 111,543 |
| Idaho | 6,440,876 | 25,748,437 | 9,977,463 | 15,770,974 | 196,769 | 761,561 | 102,995 | 389,347 | 27,946 | ..... | 241,273 |
| Washington | 23,810,693 | 217,612,897 | 177,204,671 | 40,408,226 | 505,417 | 5,209,714 | 718,123 | 1,864,532 | 1,211,771 | ..... | 1,415.288 |
| Oregon | 52,522,084 | 166,025,731 | 107,640,259 | 58,385,472 | 1,113,942 | 2,887,013 | 495,934 | 1,174,026 | 349,776 | ..... | 867,277 |
| California | 584,578,036 | 1,101,136,431 | 891,449,172 | 209,687,259 | 12,628,005 | 18,754,850 | 4,162,288 | 5,022,834 | 5,824,520 | 2,224,292 | 2,020.916 |
| TOTAL WESTERN | 852,067,174 | 2,079,289,729 | 1,523,626,179 | 555,663,550 | 18,964,363 | 41,383,221 | 7,772,245 | 14,147,301 | 9,192,903 | 2,693,393 | 7,577,314 |
| GRAND TOTAL | 17,139,903,495 | 25,473,173,418 | 18,956,556,675 | 6,516,616,743 | 313,621,474 | 470,651,927 | 4 8,556,59 | 94,629,410 | 202,297,786 | 22,079,350 | 103,088,784 |

## No. 7.—VALUATIONS OF REAL ESTATE IN THE UNITED STATES, BY STATES AND GEOGRAPHICAL DIVISIONS, WITH IMPROVEMENTS THEREON, IN 1890—EXCLUSIVE OF ALASKA.

[Prepared by J. K. Upton, special agent, Eleventh Census.]

| States and Divisions. | True valuation of real estate and improvements. | | | | | Assessed valuation of taxed real estate and improvements. | Value of farm lands and improvements. |
|---|---|---|---|---|---|---|---|
| | Total. | Taxed. | Exempt from taxation. | Per capita of total. | Per acre of total. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Maine | 254, 069, 559 | 233, 946, 082 | 20, 123, 477 | 384. 32 | 13. 28 | 233, 946, 062 | 98, 567, 730 |
| New Hampshire | 176, 131, 000 | 156, 479, 218 | 19, 651, 782 | 467. 77 | 30. 56 | 141, 729, 716 | 66, 162, 600 |
| Vermont | 138, 378, 194 | 126, 554, 907 | 11, 823, 287 | 416. 27 | 23. 67 | 112, 895, 125 | 80, 427, 490 |
| Massachusetts | 1, 898, 687, 794 | 1, 673, 052, 797 | 225, 584, 997 | 848. 01 | 368. 96 | 1, 600, 137, 807 | 127, 538, 284 |
| Rhode Island | 334, 740, 002 | 308, 571, 866 | 26, 168, 136 | 968. 84 | 482. 06 | 243, 081, 296 | 21, 873, 479 |
| Connecticut | 543, 421, 891 | 485, 998, 944 | 57, 422, 947 | 728. 20 | 175. 25 | 261, 451, 666 | 95, 000, 595 |
| New York | 5, 817, 704, 667 | 5, 250, 687, 180 | 567, 017, 487 | 969. 96 | 190. 89 | 3, 403, 751, 246 | 968, 127, 286 |
| New Jersey | 961, 013, 972 | 888, 379, 700 | 72, 634, 272 | 665. 09 | 201. 42 | 562, 375, 791 | 159, 262, 840 |
| Pennsylvania | 3, 781, 177, 285 | 3, 572, 227, 192 | 208, 950, 093 | 719. 13 | 131. 33 | 2, 042, 016, 599 | 922, 240, 233 |
| TOTAL NORTH ATLANTIC | 13, 905, 276, 364 | 12, 695, 897, 886 | 1, 209, 376, 478 | 799. 08 | 184. 06 | 8, 601, 385, 328 | 2, 539, 200, 537 |
| Delaware | 105, 720, 519 | 101, 282, 029 | 4, 438, 490 | 627. 45 | 84. 28 | 63, 346, 513 | 39, 586, 080 |
| Maryland | 745, 307, 917 | 569, 015, 067 | 156, 292, 850 | 715. 00 | 118. 11 | 411, 900, 246 | 175, 058, 550 |
| District of Columbia | 226, 563, 006 | 141, 609. 891 | 144, 953, 115 | 1, 243. 81 | 7, 462. 58 | 141, 609, 891 | 6, 471, 120 |
| Virginia | 470, 642, 553 | 449, 562. 737 | 21, 079, 816 | 284. 21 | 18. 33 | 272, 311, 276 | 254, 490, 600 |
| West Virginia | 248, 727, 477 | 236, 659, 954 | 12, 067, 523 | 326. 07 | 15 77 | 121, 202, 365 | 151, 880, 300 |
| North Carolina | 278, 975, 226 | 260, 191, 465 | 18, 783, 761 | 172. 43 | 8. 97 | 142, 068, 932 | 183, 977, 010 |
| South Carolina | 176, 528, 452 | 168, 179, 119 | 8, 349, 333 | 153. 35 | 9. 14 | 90, 042, 723 | 99, 104, 600 |
| Georgia | 415, 339, 384 | 382, 999, 745 | 32, 339, 639 | 226. 05 | 11. 09 | 225, 054, 915 | 152, 006, 230 |
| Florida | 195, 614, 396 | 182, 553, 238 | 13, 061, 160 | 499. 75 | 5. 64 | 60, 596, 574 | 72, 745, 180 |
| TOTAL SOUTH ATLANTIC | 2, 923, 418, 932 | 2, 512, 053, 245 | 411, 365, 687 | 330. 03 | 17. 00 | 1, 528, 133, 435 | 1, 135, 319, 670 |
| Ohio | 2, 530, 255, 018 | 2, 374, 439, 191 | 155, 815, 827 | 689. 01 | 96. 66 | 1, 232, 305, 312 | 1, 046, 738, 247 |
| Indiana | 1, 288, 163, 737 | 1, 206, 083, 830 | 82, 079, 907 | 587. 56 | 56. 05 | 554, 900, 734 | 754, 789, 110 |
| Illinois | 3, 294, 042, 440 | 3, 108, 040, 960 | 186, 001, 480 | 860. 88 | 91. 91 | 587, 442, 289 | 1, 263, 870, 587 |
| Michigan | 1, 149, 290, 454 | 1, 080, 628, 798 | 68, 661, 656 | 548. 88 | 31. 27 | 739, 690, 151 | 556, 190, 679 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Wisconsin | 1,098,850,591 | 1,022,794,776 | 75,555,815 | 651.11 | 31.53 | 464,590,340 | 477,534,507 |
| Minnesota | 1,084,163,155 | 955,633,047 | 78,530,108 | 794.39 | 20.40 | 496,558,366 | 340,089,470 |
| Iowa | 1,261,701,010 | 1,200,469,828 | 61,231,182 | 659.92 | 35.44 | 370,921,446 | 857,581,022 |
| Missouri | 1,438,731,201 | 1,356,866,163 | 81,865,038 | 537.00 | 32.71 | 599,859,331 | 625,858,361 |
| North Dakota | 175,917,099 | 128,710,884 | 47,206,215 | 962.77 | 3.92 | 65,181,187 | 75,310,305 |
| South Dakota | 206,923,201 | 173,470,318 | 33,452,883 | 629.31 | 4.21 | 101,378,719 | 107,466,335 |
| Nebraska | 708,413,098 | 663,527,050 | 44,886,048 | 669.00 | 14.41 | 115,181,167 | 402,358,913 |
| Kansas | 939,530,176 | 906,285,377 | 33,244,799 | 658.35 | 17.97 | 241,100,071 | 559,726,046 |
| TOTAL NORTH CENTRAL | 15,125,481,180 | 14,176,950,222 | 948,530,958 | 676.38 | 31.35 | 5,569,109,113 | 7,066,473,573 |
| Kentucky | 711,793,385 | 652,168,008 | 59,625,377 | 382.97 | 27.80 | 376,788,792 | 346,339,360 |
| Tennessee | 483,761,510 | 459,186,911 | 24,574,599 | 273.70 | 18.10 | 292,872,811 | 242,700,540 |
| Alabama | 271,363,944 | 252,833,299 | 18,530,645 | 179.35 | 8.28 | 154,706,484 | 111,051,390 |
| Mississippi | 208,393,024 | 195,864,374 | 12,528,650 | 161.60 | 7.03 | 117,004,402 | 127,423,157 |
| Louisiana | 271,961,846 | 239,142,588 | 32,819,258 | 243.13 | 9.36 | 159,619,875 | 85,381,270 |
| Texas | 1,220,417,771 | 1,130,341,854 | 90,075,917 | 545.92 | 7.27 | 523,893,098 | 399,971,289 |
| Oklahoma (a) | 34,037,571 | ..... | 34,037,571 | 550.47 | 1.37 | ..... | 8,581,170 |
| Indian Territory | 103,221,251 | ..... | 103,221,251 | ..... | 5.20 | ..... | ..... |
| Arkansas | 233,855,131 | 214,559,964 | 19,295,167 | 207.29 | 6.89 | 109,417,158 | 118,574,422 |
| TOTAL SOUTH CENTRAL | 3,538,805,433 | 3,144,096,998 | 394,708,435 | 322.50 | 9.06 | 1,734,302,620 | 1,440,022,598 |
| Montana | 207,770,797 | 109,672,902 | 98,097,895 | 1,572.13 | 2.23 | 54,943,531 | 25,512,340 |
| Wyoming | 92,493,357 | 26,393,033 | 66,100,324 | 1,523.65 | 1.48 | 12,719,221 | 14,460,880 |
| Colorado | 603,326,165 | 518,262,818 | 85,063,347 | 1,463.68 | 9.10 | 155,383,090 | 85,035,180 |
| New Mexico | 113,729,183 | 37,881,469 | 75,847,714 | 740.46 | 1.45 | 15,371,084 | 8,140,800 |
| Arizona | 95,644,280 | 25,468,556 | 70,175,724 | 1,604.23 | 1.32 | 10,174,476 | 7,222,230 |
| Utah | 188,117,253 | 124,036,751 | 59,080,502 | 880.77 | 3.44 | 80,218,871 | 28,402,780 |
| Nevada | 92,222,975 | 25,171,257 | 67,051,718 | 2,015.32 | 1.31 | 8,544,341 | 12,339,410 |
| Idaho | 95,606,807 | 28,339,482 | 67,267,325 | 1,132.98 | 1.77 | 9,977,463 | 17,431,580 |
| Washington | 516,365,149 | 466,456,488 | 49,908,661 | 1,477.90 | 12.06 | 177,204,671 | 83,461,660 |
| Oregon | 380,174,803 | 304,962,621 | 75,212,182 | 1,211.65 | 6.26 | 107,640,259 | 115,519,200 |
| California | 1,671,113,655 | 1,515,565,380 | 155,548,275 | 1,383.22 | 16.74 | 891,449,172 | 607,116,630 |
| TOTAL WESTERN | 4,051,564,424 | 3,182,210,757 | 869,353,667 | 1,338.20 | 5.88 | 1,523,626,179 | 1,094,942,690 |

a Includes "Cherokee Strip," "No Man's Land," and Greer County (in dispute).

## No. 7.—VALUATIONS OF REAL ESTATE IN THE UNITED STATES, BY STATES AND GEOGRAPHICAL DIVISIONS, ETC., IN 1890—Continued.

[Prepared by J. K. Upton, special agent, Eleventh Census.]

RECAPITULATION.

| States and Divisions. | Total valuation of real estate and improvements. | | | | | Assessed valuation of taxed real estate and improvements. | Value of farm lands and improvements. |
|---|---|---|---|---|---|---|---|
| | Total. | Taxed. | Exempt from taxation. | Per capita of total. | Per acre of total. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| North Atlantic | 13,905,274,864 | 12,695,897,886 | 1,209,376,478 | 799.08 | 184.06 | 8,601,385,328 | 2,539,200,537 |
| South Atlantic | 2,923,418,932 | 2,512,053,245 | 411,365,687 | 330.03 | 17.00 | 1,528,133,435 | 1,135,319,670 |
| North Central | 15,125,481,180 | 14,176,950,222 | 948,530,958 | 676.38 | 31.35 | 5,569,109,113 | 7,066,473,573 |
| South Central | 3,538,805,433 | 3,144,096,998 | 394,708,435 | 322.50 | 9.06 | 1,734,302,620 | 1,440,022,598 |
| Western | 4,051,564,424 | 3,182,210,757 | 869,353,667 | 1,338.20 | 5.38 | 1,523,626,179 | 1,094,942,690 |
| TOTAL | 39,544,544,833 | 35,711,209,108 | 3,833,335,225 | 631.48 | 20.79 | 18,956,556,675 | 13,275,959,069 |

## No. 8.—Number of commercial failures, number of business concerns reported, per cent of failures, and aggregate liabilities involved in failures, by states and territories, for the calendar years 1891, 1892, and 1893.

[Compiled from the Annual Circulars of R. G. Dun & Co., New York.]

| States and Divisions. | 1891. | | | | 1892. | | | | 1893. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of failures. | Number of business concerns. | Per cent of failures. | Liabilities. | Number of failures. | Number of business concerns. | Per cent of failures. | Liabilities. | Number of failures. | Number of business concerns. | Per cent of failures. | Liabilities. |
| | | | | *Dollars.* | | | | *Dollars.* | | | | *Dollars.* |
| Maine | 140 | 14,711 | .95 | 813,510 | 96 | 14,969 | .65 | 965,257 | 411 | 15,192 | 2.71 | 3,938,371 |
| New Hampshire | 45 | 8,304 | .54 | 215,979 | 35 | 8,392 | .42 | 276,167 | 57 | 8,515 | .67 | 480,313 |
| Vermont | 43 | 6,471 | .66 | 225,107 | 34 | 6,704 | .51 | 157,558 | 44 | 6,794 | .65 | 288,239 |
| Massachusetts | 425 | 50,742 | 1.31 | 6,886,321 | 422 | 53,032 | 1.22 | 3,828,321 | 1,088 | 53,390 | 2.04 | 22,708,331 |
| Boston city | 239 | | | 7,487,600 | 215 | | | 4,976,900 | | | | |
| Rhode Island | 102 | 8,606 | 1.18 | 1,541,341 | 136 | 8,799 | 1.55 | 1,277,492 | 181 | 8,990 | 2.03 | 1,034,030 |
| Connecticut | 193 | 18,696 | 1.03 | 2,719,020 | 160 | 18,979 | .84 | 1,053,464 | 234 | 18,980 | 1.23 | 3,095,148 |
| Total Eastern States | 1,187 | 107,532 | 1.10 | 19,388,878 | 1,100 | 109,875 | 1.00 | 12,585,162 | 2,015 | 111,791 | 1.80 | 31,545,025 |
| New York | 712 | 90,833 | .78 | 7,899,377 | 606 | 94,600 | .64 | 6,013,053 | 1,916 | 92,095 | 1.26 | 84,923,844 |
| New York city and Brooklyn | 637 | 58,115 | 1.09 | 26,092,583 | 513 | 59,424 | .86 | 10,786,884 | | 59,959 | | |
| New Jersey | 187 | 34,384 | .54 | 4,479,584 | 138 | 36,353 | .38 | 1,504,851 | 322 | 37,853 | .85 | 4,783,805 |
| Pennsylvania | 879 | 93,235 | .94 | 14,190,744 | 706 | 97,613 | .72 | 5,457,964 | 1,398 | 99,861 | 1.11 | 58,251,969 |
| Philadelphia city | 404 | 24,396 | 1.65 | 11,256,843 | 249 | 25,167 | .99 | 5,118,979 | | 25,865 | | |
| Delaware | 29 | 4,062 | .69 | 434,600 | 21 | 3,862 | .54 | 68,100 | 35 | 4,239 | .83 | 645,427 |
| Maryland | 115 | 18,036 | .63 | 2,530,927 | 127 | 19,013 | .72 | 2,268,765 | 187 | 19,211 | .97 | 2,779,183 |
| District of Columbia | 42 | 4,988 | .83 | 1,357,111 | 37 | 5,468 | .68 | 291,034 | 84 | 5,123 | 1.64 | 1,147,881 |
| Total Middle States | 3,005 | 328,021 | .92 | 67,241,719 | 2,407 | 341,500 | .70 | 31,509,630 | 3,942 | 344,206 | 1.15 | 152,534,119 |
| Virginia | 180 | 19,514 | .92 | 1,629,163 | 178 | 18,301 | .97 | 1,323,659 | 252 | 18,003 | 1.40 | 2,400,843 |
| West Virginia | 72 | 9,847 | .73 | 349,900 | 39 | 10,650 | .37 | 161,800 | 54 | 10,541 | .51 | 222,312 |
| North Carolina | 128 | 13,139 | .97 | 1,381,706 | 107 | 11,068 | .37 | 1,059,732 | 200 | 11,472 | 1.74 | 2,416,551 |
| South Carolina | 82 | 8,424 | .97 | 518,908 | 99 | 7,956 | 1.24 | 764,458 | 88 | 7,678 | 1.08 | 735,394 |
| Georgia | 274 | 17,025 | 1.55 | 5,829,903 | 259 | 15,857 | 1.63 | 2,425,680 | 229 | 15,161 | 1.93 | 3,147,298 |
| Florida | 144 | 5,222 | 2.76 | 1,486,411 | 31 | 5,825 | .53 | 267,700 | 59 | 5,918 | 1.00 | 491,305 |
| Alabama | 258 | 10,229 | 2.51 | 3,396,365 | 228 | 10,287 | 2.22 | 3,102,675 | 178 | 10,290 | 1.73 | 2,439,200 |

No. 8.—NUMBER OF COMMERCIAL FAILURES, NUMBER OF BUSINESS CONCERNS REPORTED, PER CENT OF FAILURES AND AGGREGATE LIABILITIES INVOLVED IN FAILURES, 1891, 1892, and 1893—Continued.

| States and Divisions. | 1891. | | | | 1892. | | | | 1893. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of failures. | Number of business concerns. | Per cent of failures. | Liabilities. | Number of failures. | Number of business concerns. | Per cent of failures. | Liabilities. | Number of failures. | Number of business concerns. | Per cent of failures. | Liabilities. |
| | | | | *Dollars.* | | | | *Dollars.* | | | | *Dollars.* |
| Mississippi | 246 | 8,453 | 2.91 | 1,924,576 | 247 | 8,194 | 3.01 | 3,615,425 | 170 | 8,081 | 2.10 | 2,397,321 |
| Louisiana | 181 | 10,297 | 1.76 | 3,740,102 | 177 | 10,119 | 1.75 | 2,262,871 | 122 | 9,354 | 1.30 | 2,626,007 |
| Texas | 589 | 27,735 | 1.94 | 8,960,141 | 457 | 24,240 | 1.89 | 5,214,057 | 579 | 27,465 | 2.11 | 5,441,887 |
| Arkansas | 185 | 10,575 | 1.75 | 2,203,819 | 211 | 10,672 | 1.98 | 1,902,697 | 164 | 10,641 | 1.54 | 3,655,881 |
| Kentucky | 390 | 25,647 | 1.52 | 7,695,245 | 251 | 26,188 | .96 | 1,979,886 | 433 | 26,309 | 1.65 | 8,306,744 |
| Tennessee | 426 | 14,874 | 2.86 | 6,294,298 | 299 | 14,631 | 2.04 | 2,241,390 | 416 | 14,275 | 2.91 | 6,755,640 |
| TOTAL SOUTHERN STATES | 3,105 | 181,581 | 1.71 | 45,510,537 | 2,583 | 173,988 | 1.48 | 25,328,030 | 3,002 | 175,183 | 1.71 | 41,036,383 |
| Ohio | 498 | 77,069 | .75 | 4,590,143 | 433 | 78,787 | .62 | 4,156,170 | 855 | 78,363 | 1.09 | 21,124,643 |
| Cincinnati city | 80 | | | 2,255,605 | 53 | | | 1,046,468 | | | | |
| Indiana | 208 | 41,969 | .50 | 1,671,239 | 202 | 45,071 | .45 | 1,753,541 | 257 | 47,207 | .76 | 8,903,225 |
| Illinois | 242 | 83,104 | .64 | 1,545,246 | 226 | 86,145 | .56 | 2,651,638 | 566 | 89,274 | .63 | 18,777,462 |
| Chicago city | 289 | | | 4,758,568 | 254 | | | 4,995,562 | | | | |
| Michigan | 232 | 49,391 | .47 | 2,308,282 | 219 | 49,822 | .44 | 2,969,296 | 299 | 50,186 | .60 | 5,263,602 |
| Wisconsin | 172 | 34,231 | .50 | 3,234,330 | 190 | 35,933 | .53 | 2,009,238 | 242 | 38,373 | .63 | 6,783,297 |
| Iowa | 185 | 37,263 | .50 | 1,267,704 | 200 | 38,265 | .52 | 1,483,122 | 184 | 38,660 | .48 | 11,452,932 |
| Minnesota | 258 | 20,588 | 1.25 | 2,699,281 | 241 | 22,826 | 1.06 | 3,653,838 | 417 | 24,900 | 1.67 | 9,705,374 |
| Missouri | 320 | 50,039 | .72 | 11,255,287 | 306 | 51,429 | .71 | 3,360,631 | 464 | 52,228 | .89 | 5,753,905 |
| St. Louis city | 40 | | | 913,608 | 59 | | | 986,423 | | | | |
| Kansas | 275 | 22,302 | 1.23 | 5,625,331 | 206 | 22,285 | .92 | 1,813,623 | 322 | 22,646 | 1.42 | 2,795,753 |
| Nebraska | 395 | 20,598 | 1.92 | 3,288,365 | 209 | 20,512 | 1.02 | 1,838,291 | 343 | 20,463 | 1.68 | 2,210,613 |
| North Dakota | 14 | 3,009 | .47 | 181,041 | 19 | 3,154 | .32 | 95,000 | 24 | 3,579 | .67 | 261,616 |
| South Dakota | 32 | 5,844 | .55 | 509,856 | 19 | 5,873 | .32 | 92,100 | 61 | 6,895 | .88 | 350,662 |
| Montana | 88 | 4,021 | 2.06 | 963,245 | 84 | 5,286 | .64 | 880,949 | 130 | 4,794 | 2.71 | 1,902,792 |
| Colorado | 264 | 13,496 | 1.96 | 1,544,525 | 202 | 13,854 | 1.46 | 2,874,088 | 426 | 14,069 | 3.03 | 9,356,853 |
| TOTAL WESTERN STATES | 3,567 | 462,924 | .77 | 48,681,656 | 3,063 | 479,191 | .64 | 36,159,978 | 4,690 | 491,637 | .95 | 104,651,639 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oklahoma | 13 | 963 | 1.39 | 84,200 | 11 | 1,378 | .80 | 51,717 | 45 | 2,621 | 1.72 | 463,600 |
| Indian Territory | 14 | 1,228 | 1.13 | 118,100 | 25 | 1,649 | 1.52 | 99,700 | 16 | 1,946 | .82 | 186,686 |
| Oregon | 157 | 7,452 | 2.11 | 679,600 | 215 | 7,871 | 2.73 | 1,615,109 | 221 | 7,837 | 2.82 | 1,967,100 |
| California | 466 | 30,875 | 2.26 | 2,402,800 | 379 | 33,259 | 1.76 | 2,592,800 | 747 | 34,319 | 2.17 | 7,456,718 |
| San Francisco city | 232 | | | 2,339,500 | 206 | | | 1,933,800 | | | | |
| Nevada | 6 | 1,300 | .46 | 60,300 | 8 | 1,248 | .64 | 27,300 | 4 | 1,192 | .34 | 79,000 |
| Utah | 139 | 3,657 | 3.80 | 736,400 | 104 | 3,933 | 2.64 | 628,400 | 191 | 3,042 | 5.24 | 1,884,892 |
| New Mexico | 10 | 1,556 | .64 | 184,048 | 18 | 1,512 | 1.19 | 377,900 | ..... | 1,626 | ..... | ..... |
| Wyoming | 4 | 916 | .44 | 28,000 | 7 | 1,065 | .66 | 44,000 | 10 | 1,205 | .83 | 39,400 |
| Idaho | 28 | 1,920 | 1.46 | 126,800 | 17 | 1,961 | .87 | 90,250 | 76 | 1,929 | 3.42 | 834,327 |
| Washington | 309 | 11,857 | 2.61 | 2,274,700 | 196 | 12,957 | 1.51 | 992,300 | 272 | 12,555 | 2.17 | 3,968,000 |
| Arizona | 11 | 1,048 | 1.05 | 66,400 | 5 | 1,168 | .43 | 58,100 | 11 | 1,281 | .86 | 123,000 |
| Alaska | ..... | 142 | ..... | ..... | ..... | 150 | ..... | ..... | ..... | 143 | ..... | ..... |
| TOTAL PACIFIC STATES AND TERRITORIES | 1,389 | 62,893 | 2.21 | 9,095,848 | 1,191 | 68,151 | 1.75 | 8,511,367 | 1,593 | 70,296 | 2.27 | 16,982,723 |

## RECAPITULATION.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eastern States | 1,187 | 107,532 | 1.10 | 19,388,878 | 1,100 | 109,875 | 1.00 | 12,535,162 | 2,015 | 111,791 | 1.80 | 31,545,025 |
| Middle States | 3,005 | 328,021 | .92 | 67,241,719 | 2,407 | 341,500 | .70 | 31,509,630 | 3,942 | 344,206 | 1.15 | 152,534,119 |
| Southern States | 3,105 | 181,581 | 1.71 | 45,510,537 | 2,583 | 173,988 | 1.49 | 25,328,030 | 3,002 | 175,188 | 1.71 | 41,036,383 |
| Western States | 3,587 | 462,924 | .77 | 48,631,656 | 3,063 | 479,191 | .64 | 36,159,978 | 4,690 | 491,627 | .95 | 104,651,639 |
| Pacific States and Territories | 1,389 | 62,893 | 2.21 | 9,095 848 | 1,191 | 68,151 | 1.75 | 8,511,367 | 1,593 | 70 296 | 2.27 | 16,982,723 |
| GRAND TOTAL | 12,273 | 1,142,951 | 1.07 | 189,868,638 | 10,344 | 1,172,705 | .88 | 114,044,167 | 15,242 | 1,193,113 | 1.28 | 346,749,889 |

## No. 9.—COMMERCIAL FAILURES IN THE UNITED STATES, BY STATES AND GEOGRAPHICAL DIVISIONS, DURING THE CALENDAR YEAR, 1893.

[From Annual Review of R. G. Dunn & Co., New York.]

| States and Divisions. | Manufacturing. | | | Trading. | | | Other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Assets. | Liabilities. | No. | Assets. | Liabilities. | No. | Assets. | Liabilities. | No. | Assets. | Liabilities. |
| | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* |
| Maine | 77 | 309,432 | 626,404 | 331 | 2,064,949 | 3,306,167 | 3 | 2,600 | 5,800 | 411 | 2,376,981 | 3,938,371 |
| New Hampshire | 13 | 232,365 | 295,132 | 44 | 59,448 | 185,181 | ..... | ..... | ..... | 57 | 291,813 | 480,313 |
| Vermont | 7 | 62,200 | 116,340 | 37 | 79,606 | 171,892 | ..... | ..... | ..... | 44 | 141,806 | 288,232 |
| Massachusetts | 356 | 5,376,674 | 9,594,092 | 718 | 6,942,372 | 12,629,179 | 14 | 330,250 | 485,060 | 1,088 | 12,649,296 | 22,708,331 |
| Connecticut | 30 | 1,349,313 | 2,140,540 | 200 | 282,203 | 745,981 | 4 | 68,500 | 208,627 | 234 | 1,700,016 | 3,095,148 |
| Rhode Island | 47 | 161,375 | 307,976 | 133 | 226,449 | 723,854 | 1 | 2,000 | 2,800 | 181 | 389,824 | 1,034,630 |
| TOTAL EASTERN STATES | 530 | 7,491,359 | 13,080,484 | 1,463 | 9,655,027 | 17,762,254 | 22 | 403,350 | 702,287 | 2,015 | 17,549,736 | 31,545,025 |
| New York | 664 | 44,182,190 | 52,665,720 | 1,190 | 10,690,697 | 19,669,608 | 62 | 8,139,188 | 12,588,516 | 1,916 | 63,012,075 | 84,923,844 |
| New Jersey | 96 | 1,645,763 | 2,488,888 | 222 | 1,802,952 | 2,250,960 | 4 | 30,791 | 43,937 | 322 | 3,479,506 | 4,783,805 |
| Pennsylvania | 437 | 38,084,236 | 51,203,712 | 952 | 3,959,348 | 6,881,331 | 9 | 147,100 | 168,926 | 1,398 | 42,190,684 | 58,253,969 |
| TOTAL MIDDLE STATES | 1,197 | 83,912,189 | 106,358,320 | 2,364 | 16,452,997 | 28,801,919 | 75 | 8,317,079 | 12,801,379 | 3,636 | 108,682,265 | 147,961,618 |
| Maryland | 51 | 831,215 | 1,176,556 | 122 | 684,973 | 1,596,527 | 14 | 4,300 | 6,100 | 187 | 1,520,488 | 2,779,183 |
| Delaware | 5 | 646,000 | 425,500 | 28 | 128,200 | 212,937 | 2 | 4,000 | 7,000 | 35 | 778,200 | 645,437 |
| District of Columbia | 33 | 330,965 | 229,401 | 50 | 730,421 | 918,480 | ..... | ..... | ..... | 84 | 1,136,386 | 1,179,881 |
| Virginia | 32 | 677,500 | 1,104,930 | 212 | 594,996 | 1,091,813 | 8 | 102,850 | 204,100 | 252 | 1,375,346 | 2,400,843 |
| West Virginia | 12 | 29,750 | 78,626 | 42 | 66,974 | 143,686 | ..... | ..... | ..... | 54 | 96,724 | 222,312 |
| North Carolina | 24 | 951,100 | 868,800 | 176 | 724,418 | 1,547,751 | ..... | ..... | ..... | 200 | 1,675,518 | 2,416,551 |
| South Carolina | 5 | 108,485 | 53,332 | 77 | 308,037 | 492,062 | 1 | 15,000 | 190,000 | 83 | 431,522 | 735,394 |
| Florida | 5 | 47,400 | 91,500 | 54 | 237,676 | 399,805 | ..... | ..... | ..... | 59 | 285,076 | 491,305 |
| Georgia | 30 | 330,530 | 574,187 | 258 | 1,446,185 | 2,485,011 | 4 | 23,900 | 88,100 | 292 | 1,800,615 | 3,147,298 |
| Alabama | 15 | 1,218,300 | 1,433,500 | 159 | 444,638 | 934,100 | 4 | 54,485 | 71,600 | 178 | 1,717,423 | 2,439,200 |
| Mississippi | 14 | 382,725 | 618,618 | 156 | 1,199,608 | 1,778,703 | ..... | ..... | ..... | 170 | 1,582,333 | 2,397,321 |
| Louisiana | 21 | 1,042,667 | 1,392,552 | 97 | 708,504 | 1,145,882 | 4 | 26,814 | 87,573 | 122 | 1,777,485 | 2,626,007 |
| Tennessee | 51 | 1,479,241 | 1,585,514 | 360 | 1,976,333 | 3,057,960 | 5 | 860,319 | 2,112,146 | 416 | 4,315,793 | 6,755,640 |
| Kentucky | 79 | 3,043,377 | 2,510,561 | 345 | 2,920,769 | 4,077,383 | 9 | 2,086,700 | 1,718,800 | 433 | 8,050,846 | 8,360,744 |
| TOTAL SOUTHEASTERN STATES | 377 | 11,119,255 | 12,141,577 | 2,136 | 12,172,432 | 19,882,120 | 52 | 3,252,768 | 4,517,419 | 2,565 | 26,544,455 | 36,971,116 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arkansas | 21 | 335,250 | 583,450 | 140 | 876,689 | 1,547,431 | 3 | 925,000 | 1,525,000 | 164 | 2,136,939 | 3,655,881 |
| Texas | 28 | 562,725 | 561,651 | 548 | 3,705,704 | 4,365,811 | 3 | 537,000 | 514,425 | 579 | 4,805,429 | 5,441,887 |
| Missouri | 43 | 440,511 | 610,355 | 417 | 3,991,961 | 4,985,050 | 4 | 128,300 | 208,500 | 464 | 4,560,772 | 5,753,905 |
| TOTAL SOUTHWESTERN STATES | 92 | 1,338,486 | 1,755,456 | 1,105 | 8,574,354 | 10,848,292 | 10 | 1,590,300 | 2,247,925 | 1,207 | 11,503,140 | 14,851,673 |
| Ohio | 289 | 14,655,149 | 12,009,333 | 553 | 5,187,617 | 6,021,543 | 13 | 2,906,420 | 3,093,217 | 855 | 22,749,186 | 21,124,643 |
| Indiana | 145 | 7,183,824 | 6,604,231 | 212 | 1,820,977 | 2,298,994 | ..... | ..... | ..... | 357 | 9,004,801 | 8,903,225 |
| Michigan | 67 | 1,943,218 | 2,718,431 | 232 | 1,804,753 | 2,545,171 | ..... | ..... | ..... | 299 | 3,747,971 | 5,263,602 |
| Illinois | 181 | 6,241,677 | 5,926,196 | 343 | 11,324,789 | 10,101,492 | 42 | 2,792,149 | 2,749,774 | 566 | 20,358,615 | 18,777,462 |
| Wisconsin | 54 | 5,917,086 | 3,807,337 | 187 | 2,663,417 | 2,375,910 | 1 | 600,000 | 600,000 | 242 | 9,180,503 | 6,783,397 |
| TOTAL CENTRAL STATES | 736 | 35,940,949 | 31,066,128 | 1,527 | 22,801,553 | 23,343,110 | 56 | 6,298,569 | 6,442,991 | 2,319 | 65,041,076 | 60,852,329 |
| Minnesota | 88 | 3,228,662 | 3,299,272 | 314 | 4,428,101 | 5,991,426 | 15 | 419,552 | 414,676 | 417 | 8,076,315 | 9,705,374 |
| Iowa | 16 | 3,122,640 | 1,764,930 | 154 | 1,345,170 | 1,293,002 | 14 | 6,805,069 | 8,395,000 | 184 | 11,272,879 | 11,452,932 |
| Nebraska | 26 | 164,415 | 238,575 | 316 | 1,444,060 | 1,969,538 | 1 | 1,500 | 2,500 | 343 | 1,609,995 | 2,210,613 |
| Kansas | 7 | 12,800 | 18,598 | 313 | 2,021,317 | 2,761,155 | 2 | 27,171 | 16,000 | 322 | 2,061,288 | 2,795,753 |
| Indian Territory | ..... | ..... | ..... | 16 | 126,460 | 186,686 | ..... | ..... | ..... | 16 | 126,460 | 186,686 |
| Oklahoma | ..... | ..... | ..... | 45 | 196,700 | 463,600 | ..... | ..... | ..... | 45 | 196,700 | 463,600 |
| Montana | ..... | ..... | ..... | 128 | 2,020,547 | 1,712,702 | 2 | 210,000 | 190,000 | 130 | 2,230,547 | 1,902,702 |
| North Dakota | ..... | ..... | ..... | 23 | 256,232 | 251,616 | 1 | 10,000 | 10,000 | 24 | 266,232 | 261,616 |
| South Dakota | ..... | ..... | ..... | 61 | 319,227 | 359,662 | ..... | ..... | ..... | 61 | 319,227 | 359,662 |
| Colorado | 32 | 2,194,501 | 1,817,397 | 328 | 4,671,290 | 4,972,468 | 16 | 1,642,280 | 2,566,988 | 426 | 8,508,021 | 9,356,853 |
| Wyoming | 1 | 500 | 1,500 | 9 | 16,450 | 27,900 | ..... | ..... | ..... | 10 | 16,950 | 29,400 |
| TOTAL WESTERN STATES | 220 | 8,723,518 | 7,140,272 | 1,707 | 17,845,574 | 19,989,755 | 51 | 9,115,522 | 11,595,164 | 1,978 | 35,684,614 | 38,725,191 |
| Utah | 24 | 165,644 | 216,728 | 166 | 988,913 | 1,667,964 | 1 | 100 | 200 | 191 | 1,154,657 | 1,884,892 |
| Idaho | 8 | 120,700 | 118,957 | 67 | 497,740 | 714,370 | 1 | 800 | 1,000 | 76 | 619,240 | 834,327 |
| Arizona | 1 | 2,500 | 7,000 | 10 | 92,000 | 116,000 | ..... | ..... | ..... | 11 | 94,500 | 123,000 |
| Nevada | ..... | ..... | ..... | 4 | 16,000 | 79,000 | ..... | ..... | ..... | 4 | 16,000 | 79,000 |
| Washington | 65 | 1,252,000 | 1,899,000 | 190 | 1,260,600 | 1,672,600 | 17 | 194,400 | 396,400 | 272 | 2,707,000 | 3,968,000 |
| Oregon | 41 | 299,000 | 358,600 | 171 | 560,000 | 950,600 | 9 | 433,400 | 647,700 | 221 | 1,292,400 | 1,957,100 |
| California | 131 | 1,599,650 | 1,839,569 | 602 | 2,183,750 | 4,234,144 | 14 | 97,000 | 383,000 | 747 | 3,880,400 | 7,456,718 |
| TOTAL PACIFIC STATES | 270 | 3,439,494 | 5,439,854 | 1,210 | 5,599,003 | 9,434,883 | 42 | 725,700 | 1,428,300 | 1,522 | 9,764,197 | 16,303,037 |
| GRAND TOTAL | 3,422 | 151,965,250 | 176,962,091 | 11,512 | 93,100,945 | 130,062,333 | 308 | 29,703,288 | 39,735,465 | 15,242 | 274,769,483 | 346,835,989 |

## No. 10.—Amount of, and expenses of collecting, INTERNAL and CUSTOMS REVENUE of the United States from 1858 to 1893, inclusive.

[Prepared in the office of the Register of the Treasury.]

| Year ending June 30— | Internal revenue. | | | Customs revenue. | | |
|---|---|---|---|---|---|---|
| | Revenue. | Expenses of collecting. a | | Revenue. | Expenses of collecting. b | |
| | *Dollars.* | *Dollars.* | *Per cent.* | *Dollars.* | *Dollars.* | *Per cent.* |
| 1858 | (c) | (c) | (c) | 41, 789, 620. 96 | 2, 905, 336. 89 | 6·94 |
| 1859 | (c) | (c) | (c) | 49, 565, 824. 38 | 3, 407, 931. 77 | 6·85 |
| 1860 | (c) | (c) | (c) | 53, 187, 511. 87 | 3, 337, 188. 15 | 6·27 |
| 1861 | (c) | (c) | (c) | 39, 582, 125. 64 | 2, 843, 455. 84 | 7·18 |
| 1862 | (c) | (c) | (c) | 49, 056, 397. 63 | 3, 276, 560. 39 | 6·67 |
| 1863 | 37, 640, 787. 95 | 108, 685. 00 | ·29 | 69, 059, 642. 40 | 3, 181, 026. 17 | 4·60 |
| 1864 | 109, 741, 134. 10 | 253, 372. 99 | ·23 | 102, 316, 152. 99 | 4, 192, 582. 43 | 4·09 |
| 1865 | 209, 461, 215. 25 | 385, 239. 52 | ·18 | 84, 928, 260. 00 | 5, 415, 449. 32 | 6·39 |
| 1866 | 309, 226, 813. 42 | 5, 783, 128. 77 | 1·87 | 179, 046, 651. 58 | 5, 342, 469. 99 | 2·98 |
| 1867 | 266, 027, 537. 43 | 7, 335, 029. 81 | 2·77 | 176, 417, 810. 88 | 5, 763, 979. 01 | 3·26 |
| 1868 | 191, 087, 589. 41 | 8, 705, 366. 36 | 4·55 | 164, 464, 599. 56 | 7, 641, 116. 68 | 4·65 |
| 1869 | 158, 356, 460. 86 | 7, 257, 176. 11 | 4·59 | 180, 048, 426. 63 | 5, 388, 082. 31 | 2·99 |
| 1870 | 184, 899, 756. 49 | 7, 253, 439. 81 | 3·92 | 194, 538, 374. 44 | 6, 238, 747. 68 | 3·20 |
| 1871 | 143, 098, 153. 63 | 7, 593, 714. 17 | 5·30 | 206, 270, 408. 05 | 6, 568, 350. 61 | 3·18 |
| 1872 | 130, 642, 177. 72 | 5, 694, 116. 86 | 4·36 | 216, 370, 286. 77 | 6, 950, 173. 88 | 3·21 |
| 1873 | 113, 729, 314. 14 | 5, 340, 230. 00 | 4·69 | 188, 089, 522. 70 | 7, 077, 864. 70 | 3·76 |
| 1874 | 102, 409, 784. 90 | 4, 509, 976. 05 | 4·40 | 163, 103, 833. 69 | 7, 321, 469. 94 | 4·49 |
| 1875 | 110, 007, 498. 58 | 4, 289, 442. 71 | 3·89 | 157, 167, 722. 85 | 7, 028, 521. 80 | 4·47 |
| 1876 | 116, 700, 732. 08 | 3, 942, 613. 72 | 3·38 | 148, 071, 984. 61 | 6, 704, 858. 09 | 4·53 |
| 1877 | 118, 630, 407. 83 | 3, 556, 943. 85 | 2·99 | 130, 956, 493. 07 | 6, 501, 037. 57 | 4·96 |
| 1878 | 110, 581, 624. 74 | 3, 280, 162. 22 | 2·96 | 130, 170, 680. 20 | 5, 826, 974. 32 | 4·47 |
| 1879 | 113, 561, 610. 38 | 3, 527, 956. 56 | 3·10 | 137, 250, 047. 70 | 5, 477, 421. 52 | 3·96 |
| 1880 | 124, 009, 373. 92 | 3, 657, 105. 10 | 2·95 | 186, 522, 064. 60 | 6, 023, 253. 53 | 3·23 |
| 1881 | 135, 264, 385. 51 | 4, 327, 793. 24 | 3·20 | 198, 159, 676. 02 | 6, 383, 288. 10 | 3·22 |
| 1882 | 146, 497, 595. 45 | 4, 097, 241. 34 | 2·80 | 220, 410, 730. 25 | 6, 506, 359. 26 | 2·95 |
| 1883 | 144, 720, 368. 98 | 4, 424, 707. 39 | 3·06 | 214, 706, 496. 93 | 6, 593, 509. 43 | 3·07 |
| 1884 | 121, 586, 072. 51 | 4, 216, 847. 26 | 3·47 | 195, 067, 489. 76 | 6, 709, 435. 76 | 3·44 |
| 1885 | 112, 498, 725. 54 | 3, 853, 035. 94 | 3·42 | 181, 471, 989. 34 | 6, 494, 847. 29 | 3·58 |
| 1886 | 116, 805, 936. 48 | 3, 578, 679. 42 | 3·06 | 192, 905, 628. 44 | 6, 427, 612. 67 | 3·33 |
| 1887 | 118, 823, 391. 22 | 3, 826, 507. 98 | 3·22 | 217, 286, 893. 13 | 6, 855, 801. 74 | 3·16 |
| 1888 | 124, 296, 871. 98 | 3, 626, 038. 91 | 2·92 | 219, 091, 173. 63 | 7, 156, 187. 77 | 3·27 |
| 1889 | 130, 881, 513. 92 | 3, 770, 388. 72 | 2·88 | 223, 832, 741. 69 | 7, 090, 487. 00 | 3·14 |
| 1890 | 142, 606, 705. 81 | 3, 780, 950. 41 | 2·65 | 229, 668, 584. 57 | 6, 859, 986. 09 | 2·98 |
| 1891 | 145, 686, 249. 44 | 4, 003, 485. 65 | 2·75 | 219, 522, 205. 23 | 6, 964, 867. 09 | 3·17 |
| 1892 | 153, 971, 072. 57 | 3, 879, 082. 31 | 2·52 | 177, 452, 964. 15 | 6, 646, 276. 05 | 3·74 |
| 1893 | 161, 027, 623. 93 | 4, 144, 927. 02 | 2·57 | 203, 355, 016. 73 | 6, 756, 790, 96 | 3·32 |

a The cost of collecting the internal revenue embraces the following items: Salaries and expenses of collectors, including pay of deputy collectors, clerks, etc., and including expenses incident to enforcing the provisions of law taxing oleomargarine; salaries and expenses of revenue agents, surveyors of distilleries, gaugers, storekeepers, and miscellaneous expenses; paper for internal-revenue stamps, and expenses of detecting and punishing violations of internal-revenue laws.

b The expenses of collecting the revenue from customs includes all sums drawn from the appropriation made by Congress for that purpose. The money is expended for salaries, rents, labor in weighing, gauging, and measuring imported merchandise, revenue boatmen, repairs, and other expenses incident to rented buildings, stationery, and the traveling expenses of special agents, but does not include expenditures for revenue cutters, fuel, lights, water, furniture, janitors, etc., for buildings owned by the Government, nor expenditures for erecting new buildings, all of which are paid for from specific appropriations made for those purposes.

The expenses of collecting internal and customs revenue do not include the expenditures for salaries, etc., incident to auditing these accounts in the Departments at Washington.

c No data.

## No. 11.—Total values of imports entered for consumption and duties collected thereon in the United States from 1867 to 1893, inclusive.

| Year ending June 30— | Values. | | | | Amounts of duty collected. | Average ad valorem rates of duty on— | | Duty collected per capita. | Imports per capita. |
|---|---|---|---|---|---|---|---|---|---|
| | Free. | Dutiable. | Total. | Per cent of free. | | Dutiable. | Free and dutiable. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | | *Dollars.* | *Per cent.* | *Per cent.* | *Dollars.* | *Dollars.* |
| 1867 | 17,033,130 | 361,125,553 | 378,158,683 | 4.50 | 168,503,750 | 46.67 | 44.56 | 4.65 | 10.44 |
| 1868 | 15,147,618 | 329,661,302 | 344,808,920 | 4.40 | 160,532,779 | 48.63 | 46.49 | 4.34 | 9.33 |
| 1869 | 21,692,532 | 372,756,642 | 394,449,174 | 5.50 | 176,557,584 | 47.22 | 44.65 | 4.68 | 10.45 |
| 1870 | 20,214,105 | 406,131,905 | 426,346,010 | 4.74 | 191,513,974 | 47.08 | 42.23 | 4.96 | 11.05 |
| 1871 | 40,619,064 | 459,597,058 | 500,216,122 | 8.12 | 202,446,673 | 43.95 | 38.94 | 5.12 | 12.65 |
| 1872 | 47,683,747 | 512,735,287 | 560,419,034 | 8.51 | 212,619,105 | 41.35 | 37.00 | 5.23 | 13.80 |
| 1873 | 178,399,796 | 484,746,861 | 663,146,657 | 26.90 | 184,929,042 | 38.07 | 26.95 | 4.43 | 15.91 |
| 1874 | 151,694,834 | 415,748,693 | 567,443,527 | 26.73 | 160,522,285 | 38.53 | 26.88 | 3.74 | 13.26 |
| 1875 | 146,465,463 | 379,795,113 | 526,260,576 | 27.83 | 154,554,983 | 40.62 | 28.20 | 3.51 | 11.97 |
| 1876 | 140,561,381 | 324,024,926 | 464,586,307 | 30.26 | 145,178,603 | 44.74 | 30.19 | 3.22 | 10.29 |
| 1877 | 140,840,149 | 298,989,240 | 439,829,389 | 32.02 | 128,428,343 | 42.89 | 26.68 | 2.77 | 9.49 |
| 1878 | 141,339,059 | 297,083,409 | 438,422,468 | 32.24 | 127,195,159 | 42.75 | 27.13 | 2.67 | 9.24 |
| 1879 | 142,550,159 | 296,742,215 | 439,292,374 | 32.45 | 133,395,436 | 44.87 | 28.97 | 2.73 | 8.99 |
| 1880 | 208,049,180 | 419,506,091 | 627,555,271 | 33.15 | 182,747,654 | 43.48 | 29.07 | 3.64 | 12.51 |
| 1881 | 202,557,412 | 448,061,588 | 650,619,000 | 31.13 | 193,800,880 | 43.20 | 29.75 | 3.78 | 12.68 |
| 1882 | 210,721,981 | 505,491,967 | 716,213,948 | 29.42 | 216,138,916 | 42.66 | 30.11 | 4.12 | 13.46 |
| 1883 | 206,913,289 | 493,916,384 | 700,829,673 | 29.52 | 210,637,293 | 42.45 | 29.92 | 3.92 | 13.05 |
| 1884 | 211,280,265 | 456,295,124 | 667,575,389 | 31.15 | 190,282,836 | 41.61 | 28.44 | 3.47 | 12.16 |
| 1885 | 192,912,234 | 386,667,820 | 579,580,054 | 33.28 | 178,151,601 | 45.86 | 30.59 | 3.17 | 10.32 |
| 1886 | 211,530,759 | 413,778,055 | 625,308,814 | 33.83 | 189,410,448 | 45.55 | 30.13 | 3.30 | 10.89 |
| 1887 | 233,093,659 | 450,325,322 | 683,418,981 | 34.11 | 214,222,310 | 47.10 | 31.02 | 3.67 | 11.65 |
| 1888 | 244,104,352 | 468,143,774 | 712,248,626 | 34.27 | 216,042,256 | 45.63 | 29.99 | 3.60 | 11.88 |
| 1889 | 256,574,630 | 484,856,768 | 741,431,398 | 34.61 | 220,576,989 | 45.13 | 29.50 | 3.62 | 12.10 |
| 1890 | 266,103,048 | 507,571,764 | 773,674,812 | 34.39 | 226,540,037 | 44.41 | 29.12 | 3.62 | 12.35 |
| 1891 | 388,064,404 | 466,455,173 | 854,519,577 | 45.41 | 216,885,701 | 46.28 | 25.25 | 3.39 | 13.36 |
| 1892 | 458,074,604 | 355,526,741 | 813,601,345 | 56.30 | 174,124,270 | 48.71 | 21.26 | 2.66 | 12.44 |
| 1893 | 444,172,064 | 400,282,519 | 844,454,583 | 52.60 | 199,143,678 | 49.58 | 23.49 | 2.97 | 12.64 |

No. 12.—VALUES OF, AND AMOUNTS OF DUTY COLLECTED ON, THE PRINCIPAL AND OTHER DUTIABLE IMPORTED COMMODITIES AND CLASSES OF COMMODITIES ENTERED FOR CONSUMPTION IN THE UNITED STATES FROM 1875 TO 1893, INCLUSIVE.

| Year ending June 30— | Breadstuffs. | | Chemicals, drugs, dyes, and medicines. | | Cotton, manufactures of. | |
|---|---|---|---|---|---|---|
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 7,531,230 | 1,189,655 | 12,795,437 | 3,289,200 | 24,199,793 | 9,043,654 |
| 1876 | 8,097,100 | 1,600,187 | 10,658,525 | 2,901,879 | 19,850,107 | 7,984,686 |
| 1877 | 5,769,845 | 1,131,096 | 11,500,576 | 3,082,557 | 16,456,296 | 6,554,836 |
| 1878 | 4,323,228 | 1,029,314 | 9,815,386 | 2,811,061 | 16,464,305 | 6,496,961 |
| 1879 | 6,059,528 | 1,007,896 | 11,178,307 | 3,433,701 | 16,983,768 | 6,576,253 |
| 1880 | 5,944,684 | 1,356,541 | 13,499,085 | 4,079,818 | 25,723,252 | 9,976,418 |
| 1881 | 7,857,623 | 1,663,527 | 14,888,493 | 4,635,261 | 28,084,117 | 10,825,115 |
| 1882 | 13,457,049 | 2,369,032 | 14,161,116 | 4,981,453 | 31,285,306 | 12,237,103 |
| 1883 | 9,617,434 | 1,905,675 | 16,134,204 | 6,053,574 | 32,359,344 | 12,234,371 |
| 1884 | 6,229,665 | 907,125 | 13,089,656 | 3,716,490 | 28,638,479 | 11,479,942 |
| 1885 | 6,584,752 | 1,030,556 | 11,699,594 | 3,795,525 | 27,242,512 | 10,932,256 |
| 1886 | 7,164,362 | 1,042,404 | 12,796,388 | 4,347,626 | 29,236,071 | 11,752,207 |
| 1887 | 6,386,561 | 1,075,811 | 13,285,226 | 4,654,165 | 29,150,059 | 11,710,720 |
| 1888 | 8,215,337 | 1,115,811 | 12,814,526 | 4,622,442 | 28,706,703 | 11,491,897 |
| 1889 | 7,558,962 | 1,161,027 | 13,180,290 | 5,017,033 | 27,105,510 | 10,841,970 |
| 1890 | 5,729,000 | 1,148,611 | 14,616,050 | 5,021,980 | 29,312,029 | 11,691,611 |
| 1891 | 8,838,040 | 894,648 | 15,265,462 | 4,669,038 | 29,142,330 | 14,852,697 |
| 1892 | 2,077,112 | 989,855 | 14,316,126 | 4,501,678 | 28,667,500 | 16,436,734 |
| 1893 | 1,736,433 | 842,231 | 15,769,436 | 4,799,214 | 33,343,554 | 19,031,639 |

| Year ending June 30— | Earthen, stone, and china ware. | | Fruits, including nuts. | |
|---|---|---|---|---|
| | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 4,555,579 | 1,878,735 | 12,104,760 | 2,944,200 |
| 1876 | 4,230,335 | 1,757,739 | 11,915,267 | 3,115,230 |
| 1877 | 3,875,498 | 1,610,668 | 9,524,247 | 2,578,979 |
| 1878 | 4,087,727 | 1,696,256 | 10,084,839 | 2,691,104 |
| 1879 | 4,142,623 | 1,733,339 | 10,295,775 | 3,004,780 |
| 1880 | 5,614,204 | 2,356,330 | 12,695,779 | 3,401,414 |
| 1881 | 6,534,125 | 2,761,292 | 12,511,806 | 3,341,849 |
| 1882 | 7,026,109 | 3,000,745 | 13,047,987 | 4,427,135 |
| 1883 | 8,926,415 | 3,795,586 | 13,157,687 | 4,603,455 |
| 1884 | 4,618,607 | 2,570,507 | 16,500,859 | 4,420,556 |
| 1885 | 4,843,106 | 2,731,655 | 13,005,595 | 3,672,293 |
| 1886 | 4,902,215 | 2,829,540 | 12,973,306 | 3,498,569 |
| 1887 | 5,708,093 | 3,251,881 | 15,088,074 | 4,210,699 |
| 1888 | 6,262,338 | 3,568,277 | 15,106,551 | 4,477,535 |
| 1889 | 6,473,358 | 3,694,402 | 12,902,825 | 4,907,097 |
| 1890 | 7,010,967 | 4,005,745 | 13,013,823 | 3,915,470 |
| 1891 | 8,141,821 | 4,660,477 | 15,594,062 | 4,343,632 |
| 1892 | 8,727,120 | 5,028,314 | 11,129,410 | 3,083,422 |
| 1893 | 9,377,284 | 5,404,965 | 13,393,411 | 3,818,801 |

## No. 12.—DUTIABLE IMPORTS ENTERED FOR CONSUMPTION, AND DUTIES COLLECTED, ETC., 1875 to 1893—Continued.

| Year ending June 30— | Flax, hemp, jute, etc., and manufactures of. | | | | Glass, and manufactures of. | |
|---|---|---|---|---|---|---|
| | Unmanufactured. a | | Manufactures of. | | | |
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 5, 307, 495 | 825, 721 | 19, 190, 664 | 6, 834, 889 | 5, 756, 706 | 2, 398, 787 |
| 1876 | 6, 050, 832 | 1, 056, 445 | 16, 607, 799 | 5, 909, 607 | 4, 804, 544 | 2, 166, 255 |
| 1877 | 5, 649, 347 | 959, 089 | 16, 460, 147 | 5, 843, 262 | 3, 952, 751 | 1, 931, 408 |
| 1878 | 5, 254, 773 | 832, 229 | 16, 203, 558 | 5, 724, 848 | 3, 331, 980 | 1, 700, 877 |
| 1879 | 6, 797, 954 | 1, 146, 246 | 16, 842, 869 | 6, 004, 842 | 3, 281, 453 | 1, 891, 628 |
| 1880 | 8, 871, 485 | 1, 415, 540 | 23, 276, 964 | 8, 245, 270 | 5, 183, 285 | 2, 811, 369 |
| 1881 | 9, 659, 780 | 1, 524, 445 | 21, 928, 917 | 7, 721, 927 | 5, 862, 270 | 3, 296, 541 |
| 1882 | 11, 342, 897 | 1, 664, 503 | 23, 222, 506 | 8, 138, 234 | 6, 753, 537 | 3, 845, 710 |
| 1883 | 11, 245, 584 | 1, 650, 094 | 24, 458, 700 | 8, 499, 809 | 7, 597, 897 | 4, 182, 617 |
| 1884 | 11, 251, 618 | 1, 672, 079 | 23, 562, 658 | 7, 746, 405 | 7, 558, 185 | 4, 205, 638 |
| 1885 | 11, 980, 115 | 1, 947, 459 | 20, 706, 298 | 7, 122, 297 | 6, 340, 721 | 3, 714, 068 |
| 1886 | 10, 242, 118 | 1, 841, 726 | 21, 370, 823 | 7, 406, 090 | 6, 341, 058 | 3, 694, 924 |
| 1887 | 11, 880, 121 | 1, 930, 340 | 21, 927, 162 | 7, 567, 642 | 7, 201, 340 | 4, 510, 312 |
| 1888 | 16, 597, 150 | 2, 388, 002 | 23, 015, 588 | 7, 914, 093 | 7, 721, 453 | 4, 799, 262 |
| 1889 | 18, 467, 822 | 2, 482, 746 | 25, 955, 229 | 8, 926, 802 | 7, 750, 577 | 4, 526, 582 |
| 1890 | 19, 718, 468 | 2, 419, 798 | 27, 648, 782 | 9, 462, 760 | 7, 351, 571 | 4, 215, 839 |
| 1891 | 5, 086, 497 | 697, 234 | 24, 752, 559 | 9, 377, 238 | 8, 156, 936 | 4, 532, 220 |
| 1892 | 2, 681, 849 | 328, 666 | 25, 738, 306 | 10, 066, 634 | 8, 881, 902 | 5, 331, 069 |
| 1893 | 2, 562, 671 | 299, 947 | 28, 116, 570 | 11, 000, 713 | 7, 944, 102 | 5, 067, 306 |

| Year ending June 30— | Iron and steel, and manufactures of. | | Jewelry and precious stones. | | Leather, and manufactures of. | |
|---|---|---|---|---|---|---|
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 33, 037, 958 | 8, 830, 874 | 3, 805, 500 | 466, 311 | 9, 840, 433 | 3, 249, 140 |
| 1876 | 23, 099, 869 | 6, 336, 190 | 2, 904, 818 | 365, 007 | 8, 787, 980 | 3, 051, 572 |
| 1877 | 20, 040, 290 | 6, 211, 234 | 2, 616, 254 | 337, 799 | 8, 068, 351 | 2, 668, 684 |
| 1878 | 18, 422, 982 | 5, 949, 988 | 2, 141, 877 | 340, 154 | 7, 338, 127 | 2, 539, 211 |
| 1879 | 19, 943, 299 | 6, 745, 153 | 4, 011, 777 | 429, 524 | 7, 532, 194 | 2, 630, 471 |
| 1880 | 61, 994, 614 | 23, 244, 800 | 6, 841, 928 | 707, 736 | 11, 769, 482 | 3, 411, 437 |
| 1881 | 66, 006, 302 | 25, 610, 391 | 8, 493, 513 | 875, 913 | 10, 522, 601 | 3, 337, 034 |
| 1882 | 70, 551, 497 | 29, 012, 981 | 8, 792, 458 | 942, 339 | 12, 215, 203 | 3, 785, 327 |
| 1883 | 57, 529, 466 | 21, 582, 554 | 8, 196, 731 | 969, 678 | 12, 653, 722 | 3, 770, 547 |
| 1884 | 42, 917, 747 | 14, 799, 117 | 9, 377, 546 | 1, 024, 246 | 11, 362, 891 | 3, 158, 854 |
| 1885 | 33, 993, 258 | 11, 973, 906 | 6, 114, 361 | 682, 232 | 10, 262, 615 | 2, 869, 234 |
| 1886 | 38, 631, 777 | 14, 631, 876 | 8, 367, 333 | 900, 474 | 11, 466, 414 | 3, 262, 293 |
| 1887 | 50, 618, 986 | 20, 713, 234 | 10, 961, 192 | 1, 162, 300 | 10, 983, 570 | 3, 286, 862 |
| 1888 | 51, 079, 970 | 21, 283, 833 | 11, 082, 311 | 1, 162, 334 | 11, 671, 497 | 3, 479, 249 |
| 1889 | 43, 510, 134 | 16, 909, 340 | 11, 399, 180 | 1, 232, 351 | 11, 202, 907 | 3, 417, 633 |
| 1890 | 43, 498, 075 | 15, 334, 176 | 12, 952, 423 | 1, 466, 131 | 11, 974, 454 | 3, 796, 203 |
| 1891 | 55, 895, 391 | 18, 260, 171 | 13, 174, 373 | 1, 505, 803 | 12, 474, 516 | 4, 145, 013 |
| 1892 | 29, 837, 923 | 16, 519, 336 | 12, 561, 871 | 1, 236, 226 | 13, 263, 166 | 4, 509, 339 |
| 1893 | 34, 866, 334 | 21, 916, 447 | 15, 203, 563 | 1, 646, 479 | 15, 563, 244 | 5, 228, 205 |

a After October 5, 1890, flax and hemp only.

## No. 12.—DUTIABLE IMPORTS ENTERED FOR CONSUMPTION, AND DUTIES COLLECTED, ETC., 1875 to 1893—Continued.

| Year ending June 30— | Liquors. | | | | | |
|---|---|---|---|---|---|---|
| | Malt liquors. | | Distilled spirits. | | Wines. | |
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 1,589,189 | 577,490 | 2,161,206 | 3,391,415 | 5,506,664 | 3,393,264 |
| 1876 | 1,131,951 | 425,318 | 1,861,315 | 2,947,644 | 4,697,996 | 2,981,252 |
| 1877 | 859,706 | 317,769 | 1,751,483 | 2,762,055 | 4,205,930 | 2,755,005 |
| 1878 | 640,546 | 240,292 | 1,538,198 | 2,459,490 | 4,069,014 | 2,468,444 |
| 1879 | 668,623 | 254,099 | 1,569,471 | 2,511,136 | 4,849,645 | 2,597,494 |
| 1880 | 678,507 | 283,296 | 1,751,184 | 2,788,581 | 5,649,033 | 3,091,926 |
| 1881 | 748,270 | 321,048 | 2,034,223 | 2,965,707 | 6,519,994 | 3,376,991 |
| 1882 | 987,806 | 417,202 | 2,215,064 | 3,161,522 | 7,238,530 | 3,604,929 |
| 1883 | 1,146,797 | 511,383 | 2,303,176 | 3,374,507 | 10,283,698 | 5,367,451 |
| 1884 | 1,119,260 | 533,241 | 1,987,069 | 3,141,391 | 4,805,040 | 2,599,255 |
| 1885 | 1,111,407 | 546,999 | 1,873,926 | 2,943,773 | 6,340,415 | 3,665,792 |
| 1886 | 1,206,257 | 585,102 | 1,826,059 | 2,834,696 | 6,753,472 | 3,774,349 |
| 1887 | 1,267,309 | 614,187 | 1,909,900 | 2,989,923 | 7,013,737 | 3,848,133 |
| 1888 | 1,353,890 | 666,666 | 1,972,287 | 2,981,772 | 7,310,190 | 4,014,806 |
| 1889 | 1,322,258 | 663,237 | 1,902,880 | 2,943,248 | 7,713,652 | 4,179,815 |
| 1890 | 1,456,888 | 726,653 | 2,171,985 | 3,129,424 | 8,786,623 | 4,662,004 |
| 1891 | 1,738,607 | 885,922 | 2,221,149 | 3,437,571 | a 9,592,660 | a 5,229,834 |
| 1892 | 1,753,423 | 833,124 | 1,721,666 | 2,943,715 | 9,246,276 | 5,058,662 |
| 1893 | 1,924,170 | 928,944 | 1,912,721 | 3,183,634 | 9,687,949 | 5,144,089 |

| Year ending June 30— | Liquors. | | Silk, manufactures of. | | Sugar, confectionery, and molasses. b | |
|---|---|---|---|---|---|---|
| | Total liquors. | | | | | |
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 9,257,059 | 7,362,178 | 24,516,416 | 14,037,998 | 82,209,853 | 37,157,246 |
| 1876 | 7,691,252 | 6,354,314 | 23,709,220 | 13,872,984 | 75,743,467 | 41,898,576 |
| 1877 | 6,817,119 | 5,834,829 | 21,749,828 | 12,800,603 | 81,116,034 | 37,666,992 |
| 1878 | 6,247,753 | 5,168,226 | 20,548,583 | 12,151,042 | 87,237,898 | 38,759,286 |
| 1879 | 6,567,804 | 5,362,729 | 23,630,411 | 14,016,209 | 74,077,046 | 40,280,957 |
| 1880 | 8,078,674 | 6,163,753 | 31,460,947 | 18,556,398 | 77,039,788 | 42,210,410 |
| 1881 | 9,302,487 | 6,663,656 | 32,377,226 | 19,038,666 | 89,811,785 | 47,984,063 |
| 1882 | 10,891,400 | 7,183,653 | 38,328,251 | 22,633,137 | 94,523,797 | 49,207,279 |
| 1883 | 13,733,666 | 9,258,341 | 38,307,112 | 19,654,946 | 91,406,718 | 46,172,279 |
| 1884 | 7,911,309 | 6,263,887 | 38,030,874 | 18,962,210 | 94,892,570 | 48,233,465 |
| 1885 | 9,325,748 | 7,156,564 | 28,106,798 | 14,000,210 | 73,517,063 | 52,184,744 |
| 1886 | 9,785,788 | 7,194,147 | 28,055,855 | 13,938,097 | 76,748,461 | 51,778,948 |
| 1887 | 10,190,946 | 7,462,243 | 31,264,277 | 15,540,301 | 74,242,279 | 58,016,686 |
| 1888 | 10,636,367 | 7,663,244 | 32,942,629 | 16,351,685 | 68,978,214 | 53,007,880 |
| 1889 | 10,938,790 | 7,786,400 | 34,956,729 | 17,342,572 | 83,419,277 | 55,906,137 |
| 1890 | 12,415,441 | 8,518,081 | 38,246,787 | 18,945,959 | 87,602,908 | 55,166,703 |
| 1891 | 13,552,416 | 9,503,327 | 37,300,287 | 19,368,764 | 43,031,589 | 33,505,338 |
| 1892 | 12,721,307 | 8,840,501 | 31,442,180 | 16,965,637 | 647,225 | 126,704 |
| 1893 | 13,534,840 | 9,256,617 | 37,919,949 | 20,310,259 | 1,322,235 | 191,231 |

a Includes "other beverages."

b From April 1, 1891, only sugar above No. 16, Dutch standard, and confectionery.

## No. 12.—DUTIABLE IMPORTS ENTERED FOR CONSUMPTION, AND DUTIES COLLECTED, ETC., 1875 TO 1892—Continued.

| Year ending June 30— | Tobacco, and manufactures of. | | Wood, and manufactures of. | | Wool, and manufactures of. Unmanufactured. | |
|---|---|---|---|---|---|---|
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 7,142,890 | 5,269,042 | 5,757,995 | 1,114,840 | 10,228,632 | 3,631,859 |
| 1876 | 6,187,481 | 4,701,516 | 4,725,592 | 995,173 | 7,887,616 | 2,787,206 |
| 1877 | 5,734,370 | 4,364,143 | 3,908,186 | 865,585 | 7,012,972 | 2,657,997 |
| 1878 | 6,073,322 | 4,604,606 | 3,782,710 | 849,951 | 6,995,367 | 2,714,396 |
| 1879 | 5,675,407 | 4,254,947 | 3,978,982 | 933,449 | 5,516,813 | 1,966,276 |
| 1880 | 6,179,289 | 4,631,400 | 6,159,086 | 1,396,962 | 17,913,666 | 7,374,217 |
| 1881 | 6,474,989 | 4,655,592 | 7,496,816 | 1,536,025 | 12,060,827 | 4,860,815 |
| 1882 | 8,216,132 | 6,000,961 | 8,967,291 | 1,696,887 | 10,233,359 | 3,854,653 |
| 1883 | 10,516,806 | 7,661,638 | 9,530,364 | 1,703,096 | 8,491,988 | 3,174,628 |
| 1884 | 8,697,751 | 6,945,652 | 9,387,833 | 1,609,810 | 12,593,299 | 4,522,836 |
| 1885 | 9,121,869 | 7,356,369 | 8,250,809 | 1,469,849 | 9,474,264 | 3,164,296 |
| 1886 | 10,315,311 | 8,311,114 | 7,772,442 | 1,423,801 | 13,794,213 | 5,126,106 |
| 1887 | 10,955,125 | 9,127,758 | 8,223,504 | 1,503,184 | 16,351,370 | 5,899,816 |
| 1888 | 12,314,429 | 9,734,987 | 9,381,231 | 1,685,060 | 14,063,100 | 4,729,487 |
| 1889 | 13,733,913 | 11,194,487 | 9,768,644 | 1,776,611 | 17,432,759 | 5,962,212 |
| 1890 | 16,626,045 | 13,317,368 | 11,647,076 | 2,033,916 | 16,165,043 | 5,460,886 |
| 1891 | 21,065,863 | 16,172,277 | 13,956,687 | 2,265,218 | 17,070,133 | 6,563,268 |
| 1892 | 10,150,634 | 10,265,068 | 13,572,398 | 2,130,942 | 17,697,068 | 7,799,086 |
| 1893 | 12,589,004 | 14,831,990 | 16,072,960 | 2,437,656 | 18,408,689 | 8,147,220 |

| Year ending June 30— | Wool, and manufactures of. Manufactures of. | | All other dutiable articles. | | Total dutiable merchandise. | |
|---|---|---|---|---|---|---|
| | Values. | Ordinary duty. | Values. | Ordinary duty. | Values. | Ordinary duty. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1875 | 45,627,928 | 27,282,178 | 56,928,750 | 17,465,298 | 379,795,113 | 154,271,803 |
| 1876 | 34,372,726 | 22,519,106 | 46,701,396 | 15,118,678 | 324,024,926 | 144,962,442 |
| 1877 | 26,452,207 | 17,660,041 | 42,264,832 | 14,104,094 | 298,989,240 | 128,223,207 |
| 1878 | 25,703,892 | 17,176,549 | 42,025,702 | 13,789,124 | 297,083,409 | 127,015,185 |
| 1879 | 25,087,110 | 16,839,064 | 45,219,164 | 14,912,166 | 296,742,215 | 133,159,025 |
| 1880 | 31,834,547 | 21,864,153 | 59,475,382 | 19,221,207 | 419,506,091 | 183,415,162 |
| 1881 | 33,103,322 | 22,424,810 | 64,994,638 | 20,804,118 | 448,061,589 | 198,561,011 |
| 1882 | 37,284,823 | 25,398,363 | 80,591,394 | 25,248,345 | 505,491,967 | 215,617,669 |
| 1883 | 42,552,456 | 29,146,265 | 77,500,090 | 23,705,446 | 493,916,384 | 209,659,699 |
| 1884 | 41,484,872 | 27,478,400 | 68,699,010 | 19,437,786 | 456,295,124 | 189,844,995 |
| 1885 | 36,176,705 | 24,294,939 | 60,011,637 | 17,221,106 | 386,667,820 | 177,319,550 |
| 1886 | 40,536,509 | 27,278,528 | 63,189,404 | 18,121,485 | 413,778,055 | 188,378,397 |
| 1887 | 44,235,244 | 29,729,718 | 71,602,193 | 20,739,353 | 456,325,332 | 212,032,434 |
| 1888 | 47,158,048 | 32,213,121 | 80,452,282 | 22,801,614 | 468,142,774 | 213,509,802 |
| 1889 | 52,681,483 | 35,373,627 | 76,122,385 | 21,033,695 | 484,856,768 | 218,701,774 |
| 1890 | 54,165,423 | 37,440,051 | 77,882,384 | 21,905,788 | 507,571,764 | 225,317,976 |
| 1891 | 43,235,409 | 34,857,453 | 85,720,641 | 26,627,890 | 466,455,173 | 215,790,686 |
| 1892 | 35,792,906 | 34,293,606 | 75,525,788 | 24,538,884 | 355,526,742 | 178,097,671 |
| 1893 | 36,967,904 | 38,451,552 | 85,639,246 | 27,690,801 | 460,282,519 | 196,373,453 |

## No. 13.—Amount of INTERNAL REVENUE COLLECTIONS of the United States from various sources, from 1868 to 1893, inclusive.

[Prepared by the Commissioner of Internal Revenue.]

| Year ending June 30— | Spirits. | Tobacco. | Fermented liquors. | Oleomargarine. | Bank circulation. a | Penalties, etc. | Articles and occupations formerly taxed, but now exempt. | Total. |
|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1868 | 18,655,631 | 18,780,095 | 5,955,869 | ..... | 28,670 | 1,256,882 | 146,553,417 | 191,180,564 |
| 1869 | 45,071,231 | 23,430,708 | 6,099,879 | ..... | 16,565 | 877,089 | 84,543,872 | 160,039,344 |
| 1870 | 55,606,094 | 31,350,708 | 6,319,127 | ..... | 15,420 | 827,905 | 91,116,614 | 185,235,868 |
| 1871 | 46,281,848 | 33,578,907 | 7,389,502 | ..... | 23,782 | 636,980 | 56,101,157 | 144,011,176 |
| 1872 | 49,475,516 | 33,736,171 | 8,258,498 | ..... | 8,865 | 442,205 | 89,849,692 | 131,770,947 |
| 1873 | 52,099,372 | 34,386,303 | 9,324,988 | ..... | 24,779 | 461,653 | 17,778,411 | 114,075,456 |
| 1874 | 49,444,090 | 33,242,876 | 9,304,680 | ..... | 16,788 | 364,216 | 10,272,147 | 102,644,747 |
| 1875 | 52,081,991 | 37,303,462 | 9,144,004 | ..... | 22,746 | 281,108 | 11,711,843 | 110,545,154 |
| 1876 | 56,426,365 | 39,795,340 | 9,571,281 | ..... | 17,948 | 409,284 | 11,016,869 | 117,237,087 |
| 1877 | 57,469,430 | 41,106,547 | 9,480,789 | ..... | 5,430 | 419,999 | 10,512,989 | 118,995,184 |
| 1878 | 50,420,815 | 40,091,755 | 9,937,052 | ..... | 1,118 | 346,608 | 10,300,977 | 111,097,725 |
| 1879 | 52,570,285 | 40,135,003 | 10,729,320 | ..... | 13,903 | 279,498 | 10,190,458 | 113,918,467 |
| 1880 | 61,185,569 | 38,870,140 | 12,829,803 | ..... | 28,773 | 383,755 | 11,218,634 | 124,516,614 |
| 1881 | 67,153,975 | 42,854,992 | 13,700,241 | ..... | 4,295 | 221,078 | 11,884,784 | 135,779,365 |
| 1882 | 69,873,408 | 47,391,989 | 16,153,920 | ..... | 4,286 | 199,880 | 13,469,950 | 147,093,333 |
| 1883 | 74,368,775 | 42,104,250 | 16,900,616 | ..... | 782 | 305,804 | 11,478,695 | 145,158,922 |
| 1884 | 76,905,385 | 26,962,400 | 18,084,954 | ..... | 442 | 289,144 | 265,068 | 121,607,393 |
| 1885 | 67,511,209 | 26,407,068 | 18,230,782 | ..... | 25,000 | 222,681 | 24,361 | 112,421,121 |
| 1886 | 69,092,266 | 27,907,363 | 19,676,731 | ..... | ..... | 194,422 | 32,087 | 116,902,869 |
| 1887 | 65,829,322 | 30,108,067 | 21,922,188 | 723,948 | 4,288 | 220,205 | 29,283 | 118,837,301 |
| 1888 | 69,806,166 | 30,662,432 | 23,324,218 | 864,140 | 4,208 | 155,548 | 9,768 | 124,326,475 |
| 1889 | 74,312,206 | 31,866,861 | 23,722,885 | 894,248 | 6,214 | 84,992 | 6,078 | 130,894,434 |
| 1890 | 81,687,375 | 33,956,991 | 26,008,535 | 786,292 | 70 | 136,721 | 16,713 | 142,594,697 |
| 1891 | 83,335,964 | 32,796,271 | 28,565,130 | 1,077,924 | ..... | 256,214 | 8,913 | 146,035,416 |
| 1892 | 91,309,964 | 31,000,498 | 30,037,453 | 1,266,326 | ..... | 240,482 | 2,856 | 153,857,544 |
| 1893 | 94,720,261 | 31,889,712 | 32,548,963 | 1,670,643 | ..... | 168,483 | 6,903 | 161,004,990 |

a The tax on the capital and deposits of banks and bankers was repealed by act of March 3, 1883.

## No. 14.—Amount of collections of internal revenue returned from each State and Territory of the United States from 1883 to 1893, inclusive.

[Prepared by the Commissioner of Internal Revenue.]

| | States and Territories. | Year ending June 30— | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1 | Alabama | 106, 673. 85 | 85, 398. 33 | 73, 315. 34 | 81, 038. 08 | 78, 542. 76 | 79, 617. 68 | 98, 762. 96 | 118, 800. 56 | 98, 835. 50 | 106, 771. 14 | 107, 147. 14 |
| 2 | Arizona | 49, 097. 72 | 2, 714. 91 | | | | | | | | | |
| 3 | Arkansas | 97, 715. 53 | 91, 009. 87 | 87, 292. 48 | 94, 893. 08 | 97, 699. 39 | 106, 541. 78 | 120, 719. 22 | 119, 015. 70 | 97, 639. 79 | 95, 718. 86 | 102, 503. 30 |
| 4 | California *a* | 4, 002, 873. 14 | 799, 751. 22 | 2, 379, 770. 63 | 2, 090, 784. 84 | 2, 061, 221. 57 | | | | | | |
| | California *b* | | 2, 585, 014. 73 | 233, 399. 50 | | | 2, 199, 415. 11 | 2, 097, 013. 18 | 2, 014, 634. 90 | 2, 060, 636. 60 | 2, 280, 938. 30 | 2, 194, 048. 21 |
| 5 | Colorado *c* | 218, 109. 47 | 20, 918. 02 | | | | | | | | | |
| | Colorado *d* | | 175, 061. 48 | 195, 194. 89 | 201, 483. 46 | 260, 154. 86 | 280, 058. 19 | 294, 116. 03 | 319, 234. 65 | 295, 622. 23 | 323, 884. 20 | 370, 138. 94 |
| 6 | Connecticut *e* | 506, 990. 84 | 428, 370. 98 | 412, 626. 19 | 461, 971. 84 | 481, 405. 47 | | | | | | |
| | Connecticut *f* | | | | | | 804, 708. 80 | 785, 714. 88 | 813, 263. 98 | 968, 936. 38 | 980, 783. 02 | 1, 025, 458. 19 |
| 7 | Dakota | 88, 874. 58 | 8, 664. 22 | | | | | | | | | |
| 8 | Delaware *g* | | | | | | | | | | | |
| | Delaware *h* | | | | | | | | | | | |
| | Delaware *i* | 228, 626. 48 | 210, 227. 24 | 244, 184. 44 | 244, 476. 25 | 263, 297. 80 | | | | | | |
| 9 | District of Columbia *j* | | | | | | | | | | | |
| 10 | Florida | 243, 545. 33 | 178, 562. 09 | 218, 837. 09 | 237, 271. 82 | 322, 903. 20 | 348, 335. 86 | 424, 062. 75 | 475, 383. 75 | 495, 881. 64 | 495, 629. 67 | 481, 618. 53 |
| 11 | Georgia | 395, 661. 63 | 379, 741. 84 | 316, 441. 40 | 304, 384. 29 | 326, 765. 88 | 330, 673. 22 | 436, 119. 14 | 555, 085. 14 | 569, 950. 91 | 482, 811. 52 | 449, 677. 39 |
| 12 | Idaho | 35, 979. 38 | 2, 694. 11 | | | | | | | | | |
| 13 | Illinois | 25, 977, 525. 39 | 23, 520, 484. 80 | 23, 075, 864. 61 | 23, 852, 252. 60 | 24, 825, 704. 34 | 30, 130, 995. 31 | 31, 607, 419. 79 | 34, 878, 691. 13 | 38, 364, 312. 88 | 36, 795, 388. 24 | 34, 317, 541. 64 |
| 14 | Indiana | 5, 592, 719. 85 | 5, 618, 512. 22 | 4, 031, 866. 60 | 4, 873, 230. 48 | 4, 259, 088. 68 | 4, 139, 159. 32 | 5, 788, 236. 34 | 6, 250, 961. 00 | 6, 524, 722. 38 | 6, 473, 438. 89 | 6, 459, 722. 23 |
| 15 | Iowa | 4, 662, 730. 07 | 2, 757, 416. 53 | 2, 222, 059. 15 | 2, 547, 340. 94 | 1, 951, 124. 89 | 518, 911. 17 | 392, 576. 90 | 432, 014. 87 | 434, 942. 51 | 478, 008. 40 | 551, 361. 05 |
| 16 | Kansas | 239, 762. 97 | 167, 351. 37 | 170, 202. 02 | 204, 145. 48 | 211, 120. 11 | 198, 849. 15 | 183, 432. 22 | 196, 598. 29 | 196, 829. 39 | 290, 501. 40 | 361, 761. 12 |
| 17 | Kentucky | 15, 337, 077. 63 | 18, 583, 172. 16 | 14, 842, 475. 44 | 15, 746, 940. 59 | 12, 417, 529. 63 | 14, 182, 687. 12 | 16, 910, 814. 76 | 17, 059, 042. 10 | 15, 858, 707. 54 | 21, 813, 851. 61 | 26, 618, 290. 36 |

*a* State of California.
*b* California and Nevada.
*c* State of Colorado.
*d* Colorado and Wyoming.
*e* State of Connecticut.
*f* Connecticut and Rhode Island.
*g* State of Delaware.
*h* State of Delaware and nine counties of Maryland.
*i* State of Delaware, nine counties of Maryland, and two counties of Virginia.
*j* Part of the district of Maryland.

## No. 14.—Amount of COLLECTIONS of INTERNAL REVENUE, etc., from 1883 to 1893, inclusive—Continued.

| | States and Territories. | Year ending June 30— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | |
| 18 | Louisiana[a] | 738, 666. 46 | 560, 184. 89 | 588, 814. 89 | 552, 115. 80 | 542, 748. 98 | ..... | ..... | ..... | ..... | ..... | ..... | 18 |
| | Louisiana[b] | ..... | ..... | ..... | ..... | ..... | 603, 915. 11 | 632, 009. 26 | 699, 845. 96 | 644, 809. 35 | 734, 832. 29 | 758, 158. 78 | |
| 19 | Maine | 72, 898. 32 | 56, 599. 19 | 53, 950. 16 | 57, 800. 79 | 50, 286. 45 | ..... | ..... | ..... | ..... | ..... | ..... | 19 |
| 20 | Maryland[c] | 3, 429, 152. 74 | 3, 146, 491. 15 | 2, 774, 384. 20 | 2, 462, 092. 46 | 2, 875, 597. 06 | ..... | ..... | ..... | ..... | ..... | ..... | 20 |
| | Maryland[d] | ..... | ..... | ..... | ..... | ..... | 3, 389, 377. 19 | 3, 986, 928. 18 | 3, 812, 718. 73 | 3, 056, 528. 82 | 3, 288, 873. 77 | 3, 627, 345. 56 | |
| 21 | Massachusetts | 2, 753, 661. 97 | 2, 396, 590. 05 | 2, 287, 453. 96 | 2, 292, 678. 83 | 2, 471, 131. 00 | 2, 580, 071. 78 | 2, 424, 536. 26 | 2, 397, 125. 97 | 2, 314, 575. 93 | 2, 462, 209. 61 | 2, 563, 928. 48 | 21 |
| 22 | Michigan | 1, 882, 451. 69 | 1, 419, 380. 97 | 1, 528, 155. 16 | 1, 671, 994. 45 | 1, 801, 907. 37 | 1, 774, 819. 01 | 1, 962, 397. 59 | 2, 192, 290. 51 | 2, 218, 291. 60 | 2, 283, 909. 44 | 2, 346, 427. 77 | 22 |
| 23 | Minnesota | 585, 461. 96 | 493, 962. 05 | 492, 704. 97 | 534, 532. 31 | 554, 088. 98 | 510, 492. 15 | 1, 877, 796. 84 | 3, 096, 097. 15 | 2, 748, 260. 21 | 2, 272, 427. 38 | 2, 610, 235. 83 | 23 |
| 24 | Mississippi | 60, 479. 64 | 50, 449. 53 | 47, 951. 13 | 47, 062. 35 | 42, 608. 16 | ..... | ..... | ..... | ..... | ..... | ..... | 24 |
| 25 | Missouri | 7, 680, 411. 40 | 6, 478, 806. 51 | 6, 276, 165. 85 | 7, 060, 651. 99 | 7, 858, 789. 27 | 7, 910, 083. 57 | 7, 730, 608. 20 | 8, 062, 294. 29 | 7, 694, 102. 87 | 8, 531, 216. 60 | 8, 975, 110. 66 | 25 |
| 26 | Montana[e] | 75, 542. 81 | 6, 986. 55 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 26 |
| | Montana[f] | ..... | 118, 383. 13 | 8, 272. 09 | ..... | ..... | 145, 835. 38 | 162, 642. 81 | 179, 464. 22 | 153, 605. 48 | 195, 751. 86 | 196, 249. 86 | |
| | Montana[g] | ..... | ..... | 82, 298. 11 | 90, 840. 37 | 101, 158. 38 | ..... | ..... | ..... | ..... | ..... | ..... | |
| 27 | Nebraska[h] | 1, 820, 517. 24 | 153, 668. 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 27 |
| | Nebraska[i] | ..... | 1, 362, 148. 25 | 1, 971, 296. 12 | 1, 674, 013. 12 | 2, 393, 404. 70 | 2, 778, 289. 38 | 2, 248, 624. 19 | 2, 969, 745. 17 | 3, 255, 331. 93 | 4, 896, 588. 64 | 3, 817, 479. 94 | |
| 28 | Nevada[j] | 40, 870. 72 | 3, 827. 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 28 |
| | Nevada[k] | ..... | ..... | 55, 938. 66 | 62, 148. 42 | 70, 419. 50 | ..... | ..... | ..... | ..... | ..... | ..... | |
| 29 | New Hampshire[l] | 352, 998. 08 | 290, 136. 72 | 339, 478. 83 | 378, 787. 72 | 377, 562. 37 | ..... | ..... | ..... | ..... | ..... | ..... | 29 |
| | New Hampshire[m] | ..... | ..... | ..... | ..... | ..... | 466, 994. 36 | 469, 351. 54 | 517, 992. 05 | 463. 509. 99 | 546, 770. 58 | 532, 912. 58 | |
| 30 | New Jersey | 5, 434, 457. 78 | 3, 477, 222. 72 | 3, 661, 358. 75 | 3, 951, 675. 75 | 4, 596, 161. 56 | 4, 072, 246. 48 | 4, 319, 618. 58 | 4, 206, 722. 98 | 4, 104, 879. 32 | 4, 335, 011. 87 | 4, 457, 606. 90 | 30 |
| 31 | New Mexico[n] | 54, 037. 46 | 3, 874. 89 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 31 |
| | New Mexico[o] | ..... | 65, 264. 68 | 66, 969. 85 | 65, 123. 81 | 63, 565. 42 | 59, 055. 19 | 59, 062. 67 | 59, 410. 68 | 35, 689. 97 | 39, 778. 14 | 48, 886. 68 | |
| 32 | New York | 17, 967, 187. 00 | 13, 760, 384. 10 | 13, 823, 644. 60 | 14, 365, 208. 96 | 15, 101, 203. 03 | 15, 417, 202. 95 | 15, 648, 675. 01 | 16, 224, 321. 98 | 16, 565, 328. 45 | 17, 670, 978. 82 | 19, 696, 554. 78 | 32 |
| 33 | North Carolina | 2, 377, 126. 97 | 1, 760, 966. 74 | 1, 686, 528. 95 | 1, 744, 959. 29 | 1, 950, 701. 71 | 2, 185, 168. 75 | 2, 467, 150. 27 | 2, 759, 504. 01 | 2, 487, 996. 79 | 2, 883, 656. 85 | 2, 425, 783. 28 | 33 |
| 34 | Ohio | 15, 704, 047. 82 | 13, 520, 264. 56 | 12, 565, 516. 62 | 12, 921, 349. 10 | 13, 898, 226. 86 | 12, 446, 312. 98 | 11, 566, 727. 51 | 13, 430, 972. 74 | 14, 355, 266. 61 | 12, 931, 175. 43 | 13, 415, 456. 55 | 34 |
| | Oregon[p] | 101. 450. 73 | 10. 890. 36 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | Rhode Island | 295, 319. 43 | 120, 468. 11 | 127, 587. 62 | 123, 061. 72 | 226, 231. 11 | | | | | | | 37 |
| 38 | South Carolina | 117, 092. 80 | 98, 896. 95 | 94, 518. 23 | 100, 614. 30 | 100, 146. 85 | 102, 456. 19 | 81, 722. 51 | 94, 897. 03 | 72, 599. 75 | 71, 812. 85 | 56, 321. 49 | 38 |
| 39 | Tennessee | 1, 173, 890. 29 | 1, 249, 975. 96 | 1, 057, 189. 43 | 1, 024, 912. 62 | 1, 012, 516. 05 | 1, 009, 290. 34 | 1, 066, 335. 77 | 1, 160, 387. 52 | 1, 276, 123. 09 | 1, 278, 862. 03 | 1, 311, 893. 94 | 39 |
| 40 | Texas | 263, 650. 61 | 210, 149. 02 | 181, 629. 61 | 196, 850. 59 | 209, 343. 92 | 211, 927. 37 | 228, 117. 52 | 263, 384. 10 | 239, 147. 41 | 306, 375. 93 | 295, 596. 66 | 40 |
| 41 | Utah | 53, 895. 18 | 4, 560. 49 | | | | | | | | | | 41 |
| 42 | Vermont | 46, 062. 27 | 30, 904. 88 | 29, 889. 83 | 22, 502. 17 | 30, 119. 75 | | | | | | | 42 |
| 43 | Virginia | 5, 078, 196. 35 | 3, 232, 726. 10 | 3, 052, 639. 72 | 2, 962, 727. 70 | 2, 923, 394. 64 | 3, 253, 165. 72 | 3, 303, 626. 48 | 3, 516, 195. 49 | 3, 203, 066. 34 | 2, 915, 412. 53 | 2, 912, 548. 28 | 43 |
| 44 | Washington | 49, 207. 54 | 6, 938. 73 | | | | | | | | | | 44 |
| 45 | West Virginia | 546, 483. 49 | 560, 328. 28 | 543, 188. 59 | 486, 062. 88 | 538, 266. 42 | 565, 278. 66 | 781, 663. 47 | 904, 669. 97 | 842, 676. 87 | 807, 588. 36 | 854, 634. 66 | 45 |
| 46 | Wisconsin | 3, 197, 499. 12 | 2, 993, 755. 62 | 3, 033, 017. 78 | 3, 095, 316. 63 | 3, 179, 964. 01 | 2, 985, 446. 09 | 3, 096, 495. 92 | 3, 842, 653. 37 | 3, 619, 677. 23 | 3, 794, 699. 38 | 4, 228, 740. 35 | 46 |
| 47 | Wyoming | 17, 434. 54 | 1, 202. 68 | | | | | | | | | | 47 |
| | Aggregate receipts by States and Territories | 137, 500, 291. 40 | 121, 368, 620. 05 | 112, 419, 496. 58 | 116, 894, 982. 21 | 118, 829, 523. 98 | 124, 326, 451. 50 | 130, 894, 419. 70 | 142, 587, 188. 97 | 146, 035, 184. 01 | 153, 856, 885. 85 | 161, 004, 989. 67 | |
| 1 | Adhesive stamps | 7, 658, 630. 75 | 183, 145. 69 | 1, 630. 49 | 7, 887. 23 | 7, 777. 08 | 23. 82 | 14. 50 | 7, 508. 50 | 291. 96 | 658. 50 | | 1 |
| 2 | Salaries | | 55, 627. 64 | | | | | | | | | | 2 |
| | Aggregate receipts from all sources | 145, 158, 922. 15 | 121, 607, 393. 38 | 112, 421, 121. 07 | 116, 902, 869. 44 | 118, 837, 301. 06 | 124, 326, 475. 32 | 130, 894, 434. 20 | 142, 594, 696. 57 | 146, 035, 415. 97 | 153, 857, 544. 35 | 161, 004, 989. 67 | |

*a* State of Louisiana.
*b* Louisiana and Mississippi.
*c* State of Maryland, except nine counties, which are included in the district of Delaware.
*d* States of Maryland, Delaware, District of Columbia, and two counties of Virginia.
*e* State of Montana.
*f* States of Montana and Idaho, and Territory of Utah.
*g* States of Montana and Idaho.
*h* State of Nebraska.
*i* States of Nebraska, North Dakota, and South Dakota.
*j* State of Nevada. Part of the fourth district of California from October 1, 1883, to July 31, 1884, and since July 1, 1887.
*k* State of Nevada and Territory of Utah.
*l* State of New Hampshire.
*m* New Hampshire, Maine, and Vermont.
*n* Territory of New Mexico.
*o* Territories of New Mexico and Arizona.
*p* State of Oregon and Territory of Alaska.
*q* States of Oregon and Washington, and Territory of Alaska.

**No. 15.—AMOUNT OF GOLD AND SILVER COIN AND BULLION; GOLD, SILVER, AND CURRENCY CERTIFICATES; UNITED STATES NOTES AND NATIONAL AND STATE BANK NOTES IN THE UNITED STATES, AND DISTRIBUTION THEREOF ON JULY 1, OF EACH YEAR FROM 1872 TO 1893, INCLUSIVE.**

[From the Report of the Secretary of the Treasury.]

| July 1— | Gold. | | | Silver dollars. | | | Subsidiary silver. | | |
|---|---|---|---|---|---|---|---|---|---|
| | In Treasury, including bullion. | Coin in circulation. | Total. | In Treasury, including bullion. | Standard dollars in circulation. | Total. | In Treasury. | In circulation. | Total. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1872 | ..... | a 25, 000, 000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1873 | ..... | a 25, 000, 000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1874 | ..... | a 25, 000, 000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1875 | ..... | a 25, 000, 000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1876 | ..... | a 25, 000, 000 | ..... | ..... | ..... | ..... | 6, 363, 606 | b 21, 055, 128 | 27, 418, 734 |
| 1877 | ..... | a 25, 000, 000 | ..... | ..... | ..... | ..... | 2, 952, 653 | 37, 884, 853 | 40, 837, 506 |
| 1878 | ..... | a 25, 000, 000 | ..... | 15, 059, 328 | 1, 209, 251 | 16, 269, 079 | 6, 860, 506 | 53, 918, 322 | 60, 778, 828 |
| 1879 | 135, 236, 475 | c 110, 505, 362 | 245, 741, 837 | 33, 239, 917 | 8, 036, 439 | 41, 276, 356 | 8, 903, 401 | 61, 346, 564 | 70, 249, 965 |
| 1880 | 126, 145, 427 | 225, 695, 779 | 351, 841, 206 | 49, 549, 851 | 20, 110, 557 | 69, 660, 408 | 24, 350, 482 | 48, 511, 788 | 72, 862, 270 |
| 1881 | 163, 171, 661 | 315, 312, 877 | 478, 484, 538 | 65, 954, 671 | 29, 342, 412 | 95, 297, 083 | 27, 247, 697 | 46, 839, 364 | 74, 087, 061 |
| 1882 | 148, 506, 390 | 358, 251, 325 | 506, 757, 715 | 90, 384, 724 | 32, 403, 820 | 122, 788, 544 | 28, 048, 631 | 46, 379, 949 | 74, 428, 580 |
| 1883 | 198, 078, 568 | 344, 653, 495 | 542, 732, 063 | 116, 396, 285 | 35, 651, 450 | 152, 047, 635 | 28, 496, 001 | 46, 474, 299 | 74, 960, 300 |
| 1884 | 204, 876, 594 | 340, 624, 203 | 545, 500, 797 | 139, 616, 414 | 40, 690, 200 | 180, 306, 614 | 29, 600, 720 | 45, 660, 806 | 75, 261, 528 |
| 1885 | 247, 028, 625 | 341, 668, 411 | 588, 697, 036 | 169, 451, 998 | 39, 086, 969 | 208, 538, 967 | 31, 236, 899 | 43, 702, 921 | 74, 939, 820 |
| 1886 | 232, 554, 886 | 358, 219, 575 | 590, 774, 461 | 184, 523, 283 | 52, 668, 623 | 237, 191, 906 | 28, 886, 947 | 46, 173, 990 | 75, 060, 937 |
| 1887 | 277, 979, 654 | 376, 540, 681 | 654, 520, 335 | 221, 897, 046 | 55, 548, 791 | 277, 445, 767 | 26, 963, 934 | 48, 583, 865 | 75, 547, 799 |
| 1888 | 314, 704, 822 | 391, 114, 033 | 705, 818, 855 | 254, 639, 063 | 55, 527, 396 | 310, 166, 459 | 26, 044, 062 | 50, 362, 314 | 76, 406, 376 |
| 1889 | 303, 581, 937 | 376, 481, 568 | 680, 063, 505 | 289, 489, 794 | 54, 457, 299 | 343, 947, 093 | 25, 124, 672 | 51, 477, 164 | 76, 601, 836 |
| 1890 | 321, 304, 106 | 374, 258, 923 | 695, 563, 029 | 323, 804, 555 | 56, 278, 749 | 380, 083, 304 | 22, 792, 718 | 54, 032, 587 | 76, 825, 305 |
| 1891 | 239, 263, 689 | 407, 319, 163 | 646, 582, 852 | 379, 927, 323 | 58, 826, 179 | 438, 753, 502 | 19, 629, 480 | 58, 219, 220 | 77, 848, 700 |
| 1892 | 255, 706, 511 | 408, 568, 824 | 664, 275, 335 | 434, 240, 056 | 56, 817, 462 | 491, 057, 518 | 14, 227, 774 | 63, 293, 704 | 77, 521, 478 |
| 1893 | 189, 162, 022 | 408, 535, 663 | 597, 697, 685 | 481, 371, 103 | 56, 999, 673 | 538, 300, 776 | 11, 945, 257 | 65, 469, 866 | 77, 415, 123 |

a The coin in circulation, stated in the gold column, includes the subsidiary silver in circulation on the Pacific coast from 1872 to 1878.
b Subsidiary silver, which disappeared from circulation in 1862, was reintroduced under operation of the act of January 14, 1875.
c Gold coin became available for circulation January 1, 1879, as a result of the resumption act of January 14, 1875.

No. 15.—Amount of Gold and Silver COIN and BULLION, etc., on July 1 of Each Year from 1872 to 1893, etc.—Continued.

| July 1— | Gold certificates. a | | | Silver certificates. b | | | Currency certificates, act of June 8, 1872. | | |
|---|---|---|---|---|---|---|---|---|---|
| | In Treasury. | In circulation. | Total. | In Treasury. | In circulation. | Total. | In Treasury. | In circulation. | Total. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1872 | | | | | | | | | |
| 1873 | | | | | | | 215,000 | 31,515,000 | 31,730,000 |
| 1874 | | | | | | | 755,000 | 58,000,000 | 58,755,000 |
| 1875 | | | | | | | 445,000 | 57,970,000 | 58,415,000 |
| 1876 | | | | | | | 275,000 | 32,565,000 | 32,840,000 |
| 1877 | | | | | | | 1,185,000 | 53,825,000 | 54,960,000 |
| 1878 | | | | 1,455,520 | 7,080 | 1,462,600 | 570,000 | 46,245,000 | 46,815,000 |
| 1879 | 133,880 | 15,279,820 | 15,413,700 | 2,052,470 | 414,480 | 2,466,950 | 1,450,000 | 29,355,000 | 30,805,000 |
| 1880 | 40,700 | 7,963,900 | 8,004,600 | 6,584,701 | 5,789,569 | 12,374,270 | 360,000 | 14,235,000 | 14,595,000 |
| 1881 | 23,400 | 5,759,520 | 5,782,920 | 12,055,801 | 39,110,729 | 51,166,530 | 275,000 | 11,650,000 | 11,925,000 |
| 1882 | 8,100 | 5,029,020 | 5,037,120 | 11,590,620 | 54,506,090 | 66,096,710 | 75,000 | 13,245,000 | 13,320,000 |
| 1883 | 22,571,270 | 59,807,370 | 82,378,640 | 15,996,145 | 72,620,686 | 88,616,831 | 315,000 | 13,060,000 | 13,375,000 |
| 1884 | 27,246,020 | 71,146,640 | 98,392,660 | 23,284,680 | 96,427,011 | 119,811,691 | 195,000 | 12,190,000 | 12,385,000 |
| 1885 | 13,598,410 | 126,729,730 | 140,328,140 | 28,370,700 | 101,530,946 | 139,901,646 | 200,000 | 29,585,000 | 29,785,000 |
| 1886 | 55,129,870 | 76,044,375 | 131,174,245 | 27,861,450 | 88,116,225 | 115,977,675 | 250,000 | 18,250,000 | 18,500,000 |
| 1887 | 30,261,380 | 91,225,437 | 121,486,817 | 3,425,133 | 142,118,017 | 145,543,150 | 310,000 | 8,770,000 | 9,080,000 |
| 1888 | 20,928,500 | 121,094,650 | 142,023,150 | 28,732,115 | 200,759,657 | 229,491,772 | 350,000 | 14,665,000 | 14,915,000 |
| 1889 | 36,918,323 | 117,130,229 | 154,048,552 | 5,474,181 | 257,155,565 | 262,629,746 | 240,000 | 16,955,000 | 17,195,000 |
| 1890 | 26,732,120 | 130,830,859 | 157,562,979 | 3,963,513 | 297,556,288 | 301,536,751 | 500,000 | 11,890,000 | 12,390,000 |
| 1891 | 32,423,380 | 120,063,069 | 152,486,429 | 7,479,219 | 307,235,966 | 314,715,185 | 1,905,000 | 21,875,000 | 23,780,000 |
| 1892 | 15,530,310 | 141,093,619 | 156,623,929 | 4,920,339 | 326,693,465 | 331,614,804 | 690,000 | 29,840,000 | 30,430,000 |
| 1893 | 1,899,000 | 92,642,189 | 94,041,189 | 4,133,656 | 326,823,848 | 330,957,504 | 690,000 | 11,715,000 | 12,405,000 |

a Gold certificates, being representatives of gold coin, became available as circulation on the resumption of specie payment, January 1, 1879.
b Silver certificates were authorized by the acts of February 28, 1878, and August 4, 1886.

No. 15.—Amount of Gold and Silver COIN and BULLION, etc., on July 1 of Each Year from 1872 to 1893, etc.—Concluded.

| July 1— | United States notes. | | | National-bank notes. | | | Fractional currency. | | | State-bank notes. | Total circulation. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | In Treasury. | In circulation. | Total. | In Treasury. | In circulation. | Total. | In Treasury. | In circulation. | Total. | In circulation. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1872 | 11, 331, 320 | 346, 168, 680 | 357, 500, 000 | 8, 627, 790 | 329, 037, 005 | 337, 664, 795 | 4, 452, 906 | 36, 402, 929 | 40, 855, 835 | 1, 700, 985 | 738, 909, 549 |
| 1873 | 39, 050, 855 | 316, 949, 145 | 356, 000, 000 | 8, 304, 586 | 338, 962, 475 | 347, 267, 061 | 6, 723, 960 | 38, 076, 005 | 44, 799, 365 | 1, 379, 184 | 751, 881, 809 |
| 1874 | 68, 578, 548 | 313, 421, 452 | 382, 000, 000 | 11, 715, 488 | 340, 265, 544 | 351, 981, 032 | 7, 647, 714 | 38, 233, 582 | 45, 881, 296 | 1, 162, 453 | 776, 083, 031 |
| 1875 | 84, 055, 245 | 291, 716, 335 | 375, 771, 580 | 13, 861, 463 | 340, 546, 545 | 354, 408, 008 | 4, 224, 854 | 37, 904, 570 | 42, 129, 424 | 964, 497 | 754, 101, 947 |
| 1876 | 70, 889, 906 | 298, 882, 378 | 369, 772, 284 | 16, 877, 634 | 316, 120, 702 | 332, 998, 336 | 1, 507, 750 | 32, 938, 845 | 34, 446, 595 | 1, 047, 335 | 727, 609, 388 |
| 1877 | 75, 689, 988 | 284, 074, 344 | 359, 764, 332 | 15, 759, 847 | 301, 289, 025 | 317, 048, 872 | 161, 476 | 20, 241, 661 | 20, 403, 137 | (a) | 722, 814, 852 |
| 1878 | 72, 020, 121 | 274, 660, 895 | 346, 681, 016 | 12, 789, 923 | 311, 724, 361 | 324, 514, 284 | 180, 044 | 16, 367, 725 | 16, 547, 769 | ..... | 729, 132, 684 |
| 1879 | 74, 391, 904 | 272, 289, 112 | 346, 681, 016 | 8, 286, 701 | 321, 404, 996 | 329, 691, 697 | ..... | ..... | ..... | ..... | 818, 631, 793 |
| 1880 | 33, 020, 559 | 313, 660, 457 | 346, 681, 016 | 7, 090, 249 | 337, 415, 178 | 344, 505, 427 | ..... | ..... | ..... | ..... | 973, 382, 228 |
| 1881 | 30, 204, 092 | 316, 476, 924 | 346, 681, 016 | 5, 296, 382 | 349, 746, 293 | 355, 042, 675 | ..... | ..... | ..... | ..... | 1, 114, 238, 119 |
| 1882 | 34, 670, 589 | 312, 010, 427 | 346, 681, 016 | 6, 277, 246 | 352, 464, 788 | 358, 742, 034 | ..... | ..... | ..... | ..... | 1, 174, 290, 419 |
| 1883 | 36, 498, 339 | 310, 182, 177 | 346, 681, 016 | 8, 217, 062 | 347, 856, 219 | 356, 073, 281 | ..... | ..... | ..... | ..... | 1, 230, 305, 696 |
| 1884 | 40, 183, 802 | 306, 497, 214 | 346, 681, 016 | 8, 809, 990 | 330, 689, 893 | 339, 499, 883 | ..... | ..... | ..... | ..... | 1, 243, 925, 909 |
| 1885 | 45, 047, 379 | 301, 633, 637 | 346, 681, 016 | 9, 945, 710 | 308, 631, 001 | 318, 576, 711 | ..... | ..... | ..... | ..... | 1, 292, 568, 615 |
| 1886 | 41, 118, 317 | 305, 562, 699 | 346, 681, 016 | 4, 034, 416 | 307, 665, 038 | 311, 699, 454 | ..... | ..... | ..... | ..... | 1, 253, 700, 525 |
| 1887 | 28, 733, 797 | 317, 897, 219 | 346, 681, 016 | 2, 362, 585 | 276, 855, 203 | 279, 217, 788 | ..... | ..... | ..... | ..... | 1, 317, 539, 143 |
| 1888 | 53, 345, 976 | 293, 335, 040 | 346, 681, 016 | 7, 055, 541 | 245, 312, 780 | 252, 368, 321 | ..... | ..... | ..... | ..... | 1, 372, 170, 370 |
| 1889 | 47, 196, 825 | 299, 484, 191 | 346, 681, 016 | 4, 158, 330 | 207, 220, 633 | 211, 378, 963 | ..... | ..... | ..... | ..... | 1, 380, 361, 649 |
| 1890 | 23, 882, 039 | 322, 798, 977 | 346, 681, 016 | 4, 365, 338 | 181, 604, 937 | 185, 970, 775 | ..... | ..... | ..... | ..... | 1, 429, 251, 270 |
| 1891 | { 25, 348, 656<br>b9, 879, 713 | 321, 332, 360<br>b40, 348, 704 | 346, 681, 016<br>b50, 228, 417 | 5, 706, 928 | 162, 221, 046 | 167, 927, 974 | ..... | ..... | ..... | ..... | 1, 497, 440, 707 |
| 1892 | { 37, 121, 112<br>b3, 453, 379 | 309, 559, 904<br>b96, 258, 692 | 346, 681, 016<br>b101, 712, 071 | 5, 462, 223 | 167, 221, 517 | 172, 683, 850 | ..... | ..... | ..... | ..... | 1, 601, 347, 137 |
| 1893 | { 27, 621, 590<br>b6, 334, 613 | 319, 059, 426<br>b140, 855, 614 | 346, 681, 016<br>b147, 190, 227 | 4, 043, 906 | 174, 669, 966 | 178, 713, 872 | ..... | ..... | ..... | ..... | 1, 596, 701, 245 |

a State-bank notes ceased to circulate after passage of the act of February 8, 1875, which laid upon them a tax of 10 per cent. They were not receivable for public dues and therefore do not appear among the funds in the Treasury.

b For convenience the Treasury notes, act of July 14, 1890, are included with United States notes.

## No. 16.—Amounts of Money in the United States, and in Circulation, on July 1 of Each Year from 1860 to 1892, Inclusive.

[Prepared in the office of the Secretary of the Treasury.]

| July 1— | Amount of money in United States. | Amount in circulation. | Population June 1. | Money per capita. | Circulation per capita. |
|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* |
| 1860 | 442, 102, 477 | 435, 407, 252 | 31, 443, 321 | 14. 06 | 13. 85 |
| 1861 | 452, 005, 767 | 443, 405, 767 | 32, 064, 000 | 14. 09 | 13. 98 |
| 1862 | 356, 452, 079 | 334, 697, 744 | 32, 704, 000 | 10. 96 | 10. 23 |
| 1863 | 674, 867, 283 | 595, 394, 038 | 33, 365, 000 | 20. 23 | 17. 84 |
| 1864 | 705, 588, 067 | 669, 641, 478 | 34, 046, 000 | 20. 72 | 19. 67 |
| 1865 | 770, 129, 755 | 714, 702, 995 | 34, 748, 000 | 22. 16 | 20. 57 |
| 1866 | 754, 327, 254 | 672, 488, 244 | 35, 469, 000 | 21. 27 | 18. 99 |
| 1867 | 728, 200, 612 | 661, 992, 069 | 36, 211, 000 | 20. 11 | 18. 28 |
| 1868 | 716, 553, 578 | 680, 103, 661 | 36, 973, 000 | 19. 38 | 18. 39 |
| 1869 | 715, 351, 180 | 664, 452, 891 | 37, 756, 000 | 18. 95 | 17. 60 |
| 1870 | 722, 868, 461 | 675, 212, 794 | 38, 588, 371 | 18. 73 | 17. 50 |
| 1871 | 741, 812, 174 | 715, 889, 005 | 39, 555, 000 | 18. 75 | 18. 10 |
| 1872 | 762, 721, 565 | 738, 209, 549 | 40, 596, 000 | 18. 79 | 18. 19 |
| 1873 | 774, 445, 610 | 751, 881, 809 | 41, 677, 000 | 18. 58 | 18. 04 |
| 1874 | 806, 024, 781 | 776, 083, 081 | 42, 796, 000 | 18. 83 | 18. 13 |
| 1875 | 798, 273, 509 | 754, 101, 947 | 43, 951, 000 | 18. 16 | 17. 16 |
| 1876 | 790, 683, 284 | 727, 609, 388 | 45, 137, 000 | 17. 52 | 16. 12 |
| 1877 | 763, 053, 847 | 722, 314, 883 | 46, 353, 000 | 16. 46 | 15. 58 |
| 1878 | 791, 253, 576 | 729, 132, 634 | 47, 598, 000 | 16. 62 | 15. 32 |
| 1879 | 1, 051, 521, 541 | 818, 631, 798 | 48, 866, 000 | 21. 52 | 16. 75 |
| 1880 | 1, 205, 929, 197 | 978, 382, 228 | 50, 155, 783 | 24. 04 | 19. 41 |
| 1881 | 1, 406, 541, 823 | 1, 114, 238, 119 | 51, 316, 000 | 27. 41 | 21. 71 |
| 1882 | 1, 480, 531, 719 | 1, 174, 290, 419 | 52, 495, 000 | 28. 20 | 22. 37 |
| 1883 | 1, 642, 489, 816 | 1, 230, 305, 696 | 53, 693, 000 | 30. 61 | 22. 91 |
| 1884 | 1, 705, 454, 129 | 1, 243, 925, 969 | 54, 911, 000 | 31. 06 | 22. 65 |
| 1885 | 1, 817, 658, 336 | 1, 292, 568, 615 | 56, 148, 000 | 32. 37 | 23. 02 |
| 1886 | 1, 808, 559, 694 | 1, 252, 700, 525 | 57, 404, 000 | 31. 51 | 21. 83 |
| 1887 | 1, 900, 442, 672 | 1, 317, 539, 143 | 58, 680, 000 | 32. 39 | 22. 45 |
| 1888 | 2, 062, 955, 949 | 1, 372, 170, 870 | 59, 974, 000 | 34. 40 | 22. 88 |
| 1889 | 2, 075, 350, 711 | 1, 380, 361, 649 | 61, 289, 000 | 33. 86 | 22. 52 |
| 1890 | 2, 144, 226, 159 | 1, 429, 251, 270 | 62, 622, 250 | 34. 24 | 22. 82 |
| 1891 | 2, 195, 224, 075 | 1, 497, 440, 707 | 63, 975, 000 | 34. 31 | 23. 41 |
| 1892 | 2, 372, 599, 501 | 1, 601, 347, 187 | 65, 403, 000 | 36. 21 | 24. 44 |
| 1893 | 2, 323, 402, 392 | 1, 596, 701, 245 | 66, 826, 000 | 34. 75 | 23. 87 |

Note.—The difference between the amount of money in the country and the amount in circulation represents the money in the Treasury.

Currency certificates, act of June 8, 1872, are included in the amount of United States notes in circulation in the tables for the years 1873 to 1891 inclusive; since 1891 they are reported separately.

## No. 17.—Amount of RESOURCES and LIABILITIES of the NATIONAL BANKS in operation at the dates named, from 1882 to 1893, inclusive (expressed in millions of dollars).

[From Reports of the Comptroller of the Currency.]

| Resources and liabilities. | Oct. 3, 1882. | Oct. 2, 1883. | Sept. 30, 1884. | Oct. 1, 1885. | Oct. 7, 1886. | Oct. 5, 1887. | Oct. 4, 1888. | Sept. 30, 1889 | Oct. 2, 1890. | Sept. 25, 1891 | Sept. 30, 1892 | Oct. 3, 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2,269 banks. | 2,501 banks. | 2,664 banks. | 2,714 banks. | 2,852 banks. | 3,049 banks. | 3,140 banks. | 3,290 banks. | 3,540 banks. | 3,677 banks. | 3,778 banks. | 3,781 banks. |
| RESOURCES. | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* |
| Loans | $1,243.2 | $1,309.2 | $1,245.3 | $1,306.1 | $1,451.0 | $1,587.5 | $1,684.2 | $1,817.3 | $1,966.1 | $2,005.5 | $2,171.0 | $1,843.6 |
| Bonds for circulation | 357.6 | 351.4 | 327.4 | 307.7 | 258.5 | 189.1 | 171.8 | 146.5 | 140.0 | 150.0 | 163.3 | 206.5 |
| Other United States bonds | 37.4 | 30.7 | 30.4 | 31.3 | 32.4 | 34.7 | 60.7 | 48.5 | 30.7 | 24.9 | 20.2 | 17.6 |
| Other stocks, bonds, etc. | 66.2 | 71.1 | 71.4 | 77.5 | 81.3 | 88.3 | 99.7 | 109.3 | 115.5 | 125.2 | 154.5 | 148.6 |
| Due from other banks | 198.9 | 208.9 | 194.2 | 235.3 | 241.4 | 256.3 | 294.0 | 335.4 | 336.2 | 338.7 | 409.5 | 277.5 |
| Real estate | 46.5 | 48.3 | 49.9 | 51.3 | 54.1 | 58.0 | 62.6 | 69.4 | 76.3 | 83.3 | 87.9 | 89.2 |
| Specie | 102.9 | 107.3 | 128.6 | 174.9 | 156.4 | 165.1 | 178.3 | 164.3 | 195.9 | 183.5 | 209.1 | 224.7 |
| Legal-tender notes | 63.2 | 70.7 | 77.0 | 69.7 | 63.8 | 73.7 | 81.1 | 86.3 | 80.6 | 97.6 | 104.3 | 114.7 |
| National-bank notes | 20.7 | 22.7 | 23.3 | 23.1 | 23.7 | 22.0 | 21.6 | 20.9 | 18.5 | 20.0 | 19.6 | 22.4 |
| Clearing-house exchanges | 208.4 | 96.4 | 66.3 | 84.9 | 95.5 | 83.7 | 102.4 | 136.3 | 104.8 | 122.0 | 105.5 | 106.1 |
| United States certificates of deposit | 8.7 | 10.0 | 14.2 | 13.3 | 5.9 | 6.2 | 8.9 | 12.9 | 6.2 | 15.7 | 14.0 | 7.0 |
| Due from United States Treasurer | 17.2 | 16.6 | 17.7 | 14.9 | 14.0 | 9.3 | 8.5 | 7.4 | 6.9 | 8.0 | 8.2 | 10.2 |
| Other resources | 28.9 | 28.9 | 33.3 | 36.9 | 37.4 | 40.3 | 41.4 | 42.3 | 41.3 | 38.7 | 43.0 | 41.4 |
| Totals | 2,399.3 | 2,372.7 | 2,279.5 | 2,432.9 | 2,513.9 | 2,620.2 | 2,815.7 | 2,998.3 | 3,141.5 | 3,213.1 | 3,510.1 | 3,109.5 |
| LIABILITIES. | | | | | | | | | | | | |
| Capital stock | 483.1 | 509.7 | 524.3 | 527.5 | 548.2 | 578.5 | 592.6 | 612.6 | 650.5 | 677.4 | 686.6 | 678.5 |
| Surplus fund | 132.0 | 142.0 | 147.0 | 146.6 | 157.2 | 173.9 | 185.5 | 197.4 | 213.6 | 227.6 | 238.9 | 246.8 |
| Undivided profits | 61.2 | 61.6 | 63.2 | 59.4 | 66.5 | 71.4 | 77.4 | 84.9 | 97.0 | 103.3 | 101.6 | 103.5 |
| Circulation | 315.0 | 310.5 | 289.3 | 269.0 | 228.7 | 167.3 | 151.7 | 128.5 | 123.0 | 131.3 | 143.4 | 183.0 |
| Due to depositors | 1,134.9 | 1,063.6 | 993.0 | 1,120.1 | 1,191.3 | 1,274.7 | 1,409.0 | 1,582.0 | 1,594.2 | 1,608.6 | 1,779.3 | 1,468.3 |
| Due to other banks | 259.9 | 270.4 | 246.4 | 299.5 | 308.6 | 329.6 | 375.6 | 425.3 | 426.4 | 430.6 | 530.7 | 349.3 |
| Other liabilities | 13.7 | 14.9 | 15.3 | 10.3 | 12.9 | 24.3 | 23.9 | 27.6 | 36.3 | 34.3 | 29.6 | 80.1 |
| Totals | 2,399.3 | 2,372.7 | 2,279.5 | 2,432.9 | 2,513.9 | 2,620.2 | 2,815.7 | 2,998.3 | 3,141.5 | 3,213.1 | 3,510.1 | 3,109.5 |

No. 18.—LIABILITIES OF THE NATIONAL BANKS, AND THE RESERVE REQUIRED AND HELD ON THE DATES INDICATED IN THE YEARS FROM 1887 TO 1893, INCLUSIVE.

[From Reports of the Comptroller of the Currency.]

## STATES AND TERRITORIES EXCLUSIVE OF RESERVE CITIES.

| Date. | No. of banks. | Net deposits. | Reserve required. | Reserve held. | | Classification of reserve. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Amount. | Ratio to deposits. | Specie. | Other lawful money. | Due from agents. | Redemption fund. |
| | | *Millions.* | *Millions.* | *Millions.* | *Per cent.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* |
| May 13, 1887 | 2,676 | $682.8 | $102.4 | $198.9 | 29.1 | $51.1 | $32.9 | $107.8 | $6.8 |
| Aug. 1, 1887 | 2,724 | 683.0 | 102.4 | 189.5 | 27.7 | 48.9 | 31.3 | 102.6 | 6.6 |
| Oct. 5, 1887 | 2,756 | 690.6 | 103.6 | 190.9 | 27.6 | 50.8 | 32.6 | 100.9 | 6.6 |
| Apr. 30, 1888 | 2,809 | 707.5 | 106.1 | 193.9 | 27.4 | 51.0 | 33.8 | 102.8 | 6.4 |
| June 30, 1888 | 2,829 | 711.8 | 106.8 | 199.2 | 28.0 | 49.1 | 31.5 | 112.2 | 6.3 |
| Oct. 4, 1888 | 2,847 | 739.3 | 110.9 | 209.8 | 28.4 | 50.2 | 34.5 | 118.9 | 6.2 |
| May 13, 1889 | 2,914 | 769.8 | 115.5 | 223.9 | 29.1 | 53.5 | 36.9 | 127.8 | 5.6 |
| July 12, 1889 | 2,944 | 789.1 | 118.4 | 229.3 | 29.1 | 53.3 | 37.2 | 133.3 | 5.6 |
| Sept. 30, 1889 | 2,992 | 807.6 | 121.1 | 224.6 | 27.8 | 50.5 | 36.2 | 132.4 | 5.5 |
| May 17, 1890 | 3,125 | 845.3 | 126.8 | 223.2 | 26.4 | 52.9 | 37.3 | 127.6 | 5.4 |
| July 18, 1890 | 3,151 | 835.4 | 124.3 | 222.2 | 26.6 | 52.7 | 37.1 | 127.0 | 5.3 |
| Oct. 2, 1890 | 3,207 | 850.2 | 128.9 | 225.5 | 26.2 | 54.3 | 37.7 | 128.5 | 5.2 |
| May 4, 1891 | 3,296 | 847.4 | 127.1 | 225.1 | 26.6 | 61.3 | 36.5 | 122.1 | 5.2 |
| July 9, 1891 | 3,309 | 846.8 | 127.0 | 224.7 | 26.5 | 62.8 | 36.4 | 120.3 | 5.1 |
| Sept. 25, 1891 | 3,333 | 861.3 | 129.3 | 235.5 | 27.3 | 60.3 | 36.8 | 133.0 | 5.4 |
| May 17, 1892 | 3,393 | 929.2 | 139.4 | 274.2 | 29.5 | 65.3 | 38.7 | 164.5 | 5.7 |
| July 12, 1892 | 3,418 | 950.3 | 142.5 | 282.2 | 29.7 | 66.4 | 38.3 | 171.2 | 5.8 |
| Sept. 30, 1892 | 3,430 | 975.6 | 146.3 | 274.8 | 28.2 | 66.6 | 38.9 | 163.5 | 5.8 |
| May 4, 1893 | 3,482 | 970.5 | 145.6 | 237.4 | 24.4 | 72.8 | 37.9 | 120.3 | 5.9 |
| July 12, 1893 | 3,459 | 864.5 | 129.7 | 231.6 | 26.8 | 73.2 | 41.6 | 110.8 | 6.0 |
| Oct. 3, 1893 | 3,434 | 767.5 | 115.1 | 230.6 | 30.0 | 75.9 | 41.2 | 106.9 | 6.6 |

## NEW YORK CITY.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 13, 1887 | 46 | 299.7 | 74.9 | 82.8 | 27.6 | 63.6 | 18.8 | ..... | 0.4 |
| Aug. 1, 1887 | 46 | 294.0 | 73.5 | 82.6 | 28.1 | 65.0 | 17.2 | ..... | 0.4 |
| Oct. 5, 1887 | 47 | 284.3 | 71.1 | 80.1 | 28.2 | 63.6 | 16.1 | ..... | 0.4 |
| Apr. 30, 1888 | 46 | 316.7 | 79.2 | 94.8 | 29.9 | 69.4 | 25.0 | ..... | 0.4 |
| June 30, 1888 | 46 | 338.4 | 84.6 | 102.7 | 30.3 | 73.4 | 28.8 | ..... | 0.4 |
| Oct. 4, 1888 | 46 | 342.2 | 85.5 | 96.4 | 28.2 | 73.9 | 22.1 | ..... | 0.3 |
| May 13, 1889 | 45 | 361.0 | 90.2 | 103.7 | 28.7 | 71.5 | 32.0 | ..... | 0.2 |
| July 12, 1889 | 45 | 359.2 | 89.8 | 97.3 | 27.1 | 61.8 | 35.3 | ..... | 0.2 |
| Sept. 30, 1889 | 45 | 338.2 | 84.5 | 84.9 | 25.1 | 59.1 | 25.6 | ..... | 0.2 |
| May 17, 1890 | 46 | 332.3 | 80.6 | 85.0 | 26.4 | 65.2 | 19.6 | ..... | 0.2 |
| July 18, 1890 | 47 | 326.8 | 81.7 | 88.4 | 27.0 | 64.2 | 24.0 | ..... | 0.2 |
| Oct. 2, 1890 | 47 | 332.6 | 83.2 | 92.5 | 27.8 | 73.4 | 18.9 | ..... | 0.2 |
| May 4, 1891 | 47 | 327.3 | 81.8 | 88.3 | 26.9 | 58.6 | 29.5 | ..... | 0.2 |
| July 9, 1891 | 49 | 330.3 | 82.6 | 98.9 | 29.9 | 55.6 | 43.1 | ..... | 0.2 |
| Sept. 25, 1891 | 49 | 327.8 | 81.9 | 86.1 | 26.3 | 53.8 | 32.0 | ..... | 0.3 |
| May 17, 1892 | 48 | 437.3 | 109.3 | 127.8 | 29.2 | 85.2 | 42.3 | ..... | 0.3 |
| July 12, 1892 | 48 | 424.5 | 106.1 | 124.7 | 29.4 | 75.8 | 48.5 | ..... | 0.4 |
| Sept. 30, 1892 | 48 | 391.9 | 98.0 | 103.4 | 26.4 | 63.6 | 40.6 | ..... | 0.2 |
| May 4, 1893 | 49 | 345.0 | 86.2 | 98.4 | 28.5 | 63.5 | 34.5 | ..... | 0.4 |
| July 12, 1893 | 49 | 304.4 | 76.1 | 77.0 | 25.3 | 55.0 | 21.6 | ..... | 0.4 |
| Oct. 3, 1893 | 49 | 309.9 | 77.5 | 109.0 | 35.1 | 75.7 | 32.5 | ..... | 0.8 |

## No. 18.—Liabilities of the NATIONAL BANKS, etc.—Continued.

### CHICAGO.

| Date. | No. of banks. | Net deposits. | Reserve required. | Reserve held. | | Classification of reserve. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Amount. | Ratio to deposits. | Specie. | Other lawful money. | Due from agents. | Redemption fund. |
| | | *Millions.* | *Millions.* | *Millions.* | *Per cent.* | *Millions.* | *Millions.* | *Millions.* | *Million.* |
| May 13, 1887 | 18 | $68.0 | $17.0 | $20.7 | 30.4 | $13.0 | $7.6 | ..... | $0.05 |
| Aug. 1, 1887 | 18 | 66.3 | 16.6 | 22.0 | 33.1 | 14.6 | 7.2 | ..... | 0.05 |
| Oct. 5, 1887 | 18 | 64.6 | 16.2 | 19.7 | 30.5 | 12.9 | 6.7 | ..... | 0.05 |
| Apr. 30, 1888 | 18 | 71.3 | 17.8 | 21.2 | 29.7 | 13.4 | 7.8 | ..... | 0.05 |
| June 30, 1888 | 19 | 71.8 | 18.0 | 22.5 | 31.4 | 14.1 | 8.4 | ..... | 0.05 |
| Oct. 4, 1888 | 19 | 69.3 | 17.3 | 21.0 | 30.2 | 13.1 | 7.8 | ..... | 0.05 |
| May 13, 1889 | 19 | 74.3 | 18.6 | 26.4 | 35.5 | 14.6 | 11.7 | ..... | 0.05 |
| July 12, 1889 | 19 | 77.6 | 19.4 | 24.7 | 31.8 | 15.1 | 9.6 | ..... | 0.05 |
| Sept. 30, 1889 | 20 | 78.7 | 19.7 | 25.0 | 31.7 | 15.3 | 9.6 | ..... | 0.05 |
| May 17, 1890 | 20 | 85.0 | 21.3 | 26.4 | 31.0 | 15.3 | 11.0 | ..... | 0.05 |
| July 18, 1890 | 19 | 84.1 | 21.0 | 24.5 | 29.1 | 14.7 | 9.8 | ..... | 0.05 |
| Oct. 2, 1890 | 19 | 82.9 | 20.7 | 24.8 | 30.0 | 17.0 | 7.8 | ..... | 0.05 |
| May 4, 1891 | 20 | 96.0 | 24.0 | 32.5 | 33.9 | 19.7 | 12.7 | ..... | 0.05 |
| July 9, 1891 | 20 | 91.8 | 22.9 | 28.5 | 31.0 | 19.3 | 9.1 | ..... | 0.05 |
| Sept. 25, 1891 | 21 | 92.9 | 23.2 | 31.2 | 33.6 | 20.1 | 11.0 | ..... | 0.05 |
| May 17, 1892 | 22 | 111.4 | 27.9 | 36.8 | 33.0 | 23.3 | 13.4 | ..... | 0.05 |
| July 12, 1892 | 22 | 114.4 | 28.6 | 34.0 | 29.8 | 23.1 | 10.9 | ..... | 0.05 |
| Sept. 30, 1892 | 23 | 106.5 | 26.7 | 30.5 | 28.6 | 22.3 | 8.2 | ..... | 0.06 |
| May 4, 1893 | 21 | 99.6 | 24.9 | 29.3 | 29.4 | 21.6 | 7.7 | ..... | 0.05 |
| July 12, 1893 | 21 | 81.3 | 20.4 | 24.9 | 30.6 | 15.4 | 9 5 | ..... | 0.05 |
| Oct. 3, 1893 | 21 | 85.8 | 21.4 | 39.0 | 45.4 | 22.8 | 16.2 | ..... | 0.05 |

### ST. LOUIS.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 13, 1887 | 5 | 9.1 | 2.2 | 3.3 | 36.4 | 1.5 | 1.8 | ..... | 0.03 |
| Aug. 1, 1887 | 5 | 10.3 | 2.7 | 3.4 | 31.9 | 1.6 | 1.8 | ..... | 0.03 |
| Oct. 5, 1887 | 5 | 10.3 | 2.6 | 2.7 | 26.4 | 1.3 | 1.3 | ..... | 0.03 |
| Apr. 30, 1888 | 4 | 8.7 | 2.2 | 3.5 | 40.1 | 1.6 | 1.8 | ..... | 0.03 |
| June 30, 1888 | 4 | 8.9 | 2.2 | 3.7 | 42.0 | 1.8 | 1.9 | ..... | 0.03 |
| Oct. 4, 1888 | 4 | 7.9 | 2.0 | 2.1 | 27.1 | 1.0 | 1.1 | ..... | 0.02 |
| May 13, 1889 | 4 | 7.5 | 1.9 | 3.5 | 46.8 | 1.9 | 1.7 | ..... | 0.01 |
| July 12, 1889 | 5 | 11.3 | 2.8 | 4.6 | 40.1 | 2.2 | 2.3 | ..... | 0.01 |
| Sept. 30, 1889 | 5 | 12.0 | 3.0 | 3.2 | 26.7 | 1.6 | 1.6 | ..... | 0.01 |
| May 17, 1890 | 8 | 26.0 | 6.5 | 6.5 | 25.0 | 3.3 | 3.1 | ..... | 0.02 |
| July 18, 1890 | 8 | 27.3 | 6.8 | 6.6 | 24.4 | 3.3 | 3.3 | ..... | 0.02 |
| Oct. 2, 1890 | 8 | 26.2 | 6.5 | 5.6 | 21.3 | 3.1 | 2.5 | ..... | 0.02 |
| May 4, 1891 | 8 | 25.0 | 6.2 | 6.1 | 24.4 | 3.7 | 2.4 | ..... | 0.02 |
| July 9, 1891 | 9 | 23.6 | 5.9 | 5.6 | 23.8 | 4.0 | 1.6 | ..... | 0.02 |
| Sept. 25, 1891 | 9 | 24.2 | 6.1 | 5.8 | 23.8 | 3.8 | 2.0 | ..... | 0.02 |
| May 17, 1892 | 9 | 27.8 | 7.0 | 7.9 | 28.4 | 5.9 | 2.0 | ..... | 0.02 |
| July 12, 1892 | 9 | 27.5 | 6.9 | 6.5 | 23.6 | 5.0 | 1.4 | ..... | 0.03 |
| Sept. 30, 1892 | 9 | 29.2 | 7.3 | 6.2 | 21.1 | 4.6 | 1.5 | ..... | 0 02 |
| May 4, 1893 | 9 | 27.7 | 6.9 | 5.9 | 21.4 | 3.7 | 2.2 | ... ..... | 0.02 |
| July 12, 1893 | 9 | 19.9 | 4.9 | 4.5 | 22.6 | 2.5 | 2.0 | ..... | 0.02 |
| Oct. 3, 1893 | 9 | 17.9 | 4.4 | 5.7 | 31.9 | 3.7 | 2.0 | ..... | 0.03 |

## No. 18.—Liabilities of the National Banks, etc.—Continued.

### OTHER RESERVE CITIES.

| Date. | No. of banks. | Net deposits. | Reserve required. | Reserve held. | | Classification of reserve. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Amount. | Ratio to deposits. | Specie. | Other lawful money. | Due from agents. | Redemption fund. |
| | | *Millions.* | *Millions.* | *Millions.* | *Per cent.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* |
| May 12, 1887 | 210 | $345.1 | $86.3 | $106.1 | 30.7 | $38.0 | $26.4 | $40.2 | +$1.4 |
| Aug. 1, 1887 | 221 | 335.5 | 83.9 | 98.4 | 29.3 | 34.8 | 24.2 | 37.7 | 1.2 |
| Oct. 5, 1887 | 228 | 338.5 | 84.6 | 100.7 | 29.7 | 36.3 | 23.2 | 40.0 | 1.2 |
| Apr. 30, 1888 | 221 | 355.4 | 88.8 | 105.9 | 29.8 | 36.7 | 24.5 | 43.7 | 1.0 |
| June 30, 1888 | 224 | 372.5 | 93.1 | 113.4 | 30.4 | 42.9 | 23.6 | 45.9 | 1.0 |
| Oct. 4, 1888 | 224 | 384.9 | 96.2 | 116.9 | 30.4 | 40.0 | 24.4 | 51.5 | 0.9 |
| May 13, 1889 | 224 | 415.3 | 103.8 | 132.8 | 32.0 | 43.7 | 28.9 | 59.6 | 0.7 |
| July 12, 1889 | 226 | 427.8 | 106.9 | 131.4 | 31.0 | 43.5 | 27.9 | 59.3 | 0.6 |
| Sept. 30, 1889 | 228 | 419.0 | 104.8 | 121.9 | 29.1 | 37.8 | 26.7 | 56.7 | 0.6 |
| May 17, 1890 | 239 | 425.0 | 106.2 | 122.2 | 28.9 | 41.4 | 25.2 | 55.6 | 0.6 |
| July 18, 1890 | 259 | 461.9 | 115.5 | 131.3 | 28.4 | 43.7 | 28.1 | 58.8 | 0.7 |
| Oct. 2, 1890 | 259 | 457.8 | 114.4 | 129.8 | 28.3 | 43.1 | 24.9 | 61.0 | 0.7 |
| May 4, 1891 | 262 | 448.9 | 112.2 | 136.9 | 30.5 | 51.6 | 26.7 | 57.9 | 0.7 |
| July 9, 1891 | 265 | 442.0 | 110.5 | 134.1 | 30.3 | 49.1 | 29.0 | 55.3 | 0.7 |
| Sept. 25, 1891 | 265 | 451.9 | 113.0 | 138.8 | 30.7 | 45.5 | 31.5 | 61.0 | 0.8 |
| May 17, 1892 | 262 | 520.6 | 130.1 | 184.0 | 35.4 | 59.3 | 38.0 | 85.8 | 0.9 |
| July 12, 1892 | 262 | 534.3 | 133.6 | 178.6 | 33.4 | 59.0 | 37.4 | 81.3 | 0.9 |
| Sept. 30, 1892 | 263 | 519.3 | 129.8 | 156.1 | 30.1 | 53.0 | 29.1 | 72.9 | 1.0 |
| May 4, 1893 | 269 | 467.6 | 116.9 | 133.6 | 28.5 | 45.6 | 33.3 | 53.5 | 1.2 |
| July 12, 1893 | 269 | 404.5 | 101.1 | 118.1 | 29.2 | 40.6 | 27.8 | 48.5 | 1.2 |
| Oct. 3, 1893 | 268 | 392.6 | 98.2 | 129.6 | 35.1 | 46.6 | 29.8 | 51.6 | 1.6 |

### SUMMARY.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 12, 1887 | 2,955 | 1,404.7 | 282.9 | 411.9 | 29.3 | 167.3 | 87.6 | 148.1 | 8.8 |
| Aug. 1, 1887 | 3,014 | 1,389.7 | 279.1 | 396.0 | 28.5 | 165.1 | 82.3 | 140.3 | 8.3 |
| Oct. 5, 1887 | 3,049 | 1,388.4 | 278.0 | 394.2 | 28.4 | 165.1 | 79.9 | 140.9 | 8.3 |
| Apr. 30, 1888 | 3,096 | 1,459.6 | 294.1 | 419.3 | 28.7 | 172.1 | 92.9 | 146.5 | 7.9 |
| June 30, 1888 | 3,120 | 1,503.5 | 304.7 | 441.5 | 29.4 | 181.3 | 94.3 | 158.1 | 7.8 |
| Oct. 4, 1888 | 3,140 | 1,543.6 | 312.0 | 446.2 | 28.9 | 178.1 | 90.0 | 170.5 | 7.6 |
| May 13, 1889 | 3,206 | 1,627.9 | 330.0 | 490.3 | 30.1 | 185.3 | 111.2 | 187.4 | 6.6 |
| July 12, 1889 | 3,239 | 1,665.0 | 337.3 | 487.3 | 29.3 | 175.9 | 112.3 | 192.5 | 6.5 |
| Sept. 30, 1889 | 3,290 | 1,655.5 | 333.1 | 459.6 | 27.8 | 164.3 | 99.7 | 189.1 | 6.4 |
| May 17, 1890 | 3,438 | 1,703.6 | 341.4 | 463.9 | 27.2 | 178.1 | 96.2 | 183.2 | 6.3 |
| July 18, 1890 | 3,484 | 1,735.4 | 349.3 | 473.0 | 27.3 | 178.6 | 102.3 | 185.3 | 6.3 |
| Oct. 2, 1890 | 3,540 | 1,758.7 | 353.7 | 478.2 | 27.2 | 195.9 | 86.8 | 189.5 | 6.1 |
| May 4, 1891 | 3,633 | 1,744.6 | 351.3 | 488.9 | 28.0 | 194.9 | 107.8 | 180.0 | 6.2 |
| July 9, 1891 | 3,652 | 1,734.5 | 348.9 | 491.8 | 28.4 | 190.8 | 119.2 | 175.6 | 6.1 |
| Sept. 25, 1891 | 3,677 | 1,758.6 | 353.5 | 497.4 | 28.3 | 183.5 | 113.3 | 194.0 | 6.6 |
| May 17, 1892 | 3,734 | 2,026.3 | 413.7 | 630.7 | 31.1 | 229.0 | 134.4 | 250.3 | 7.0 |
| July 12, 1892 | 3,759 | 2,051.0 | 417.7 | 626.0 | 30.5 | 229.3 | 127.1 | 263.5 | 7.1 |
| Sept. 30, 1892 | 3,773 | 2,022.5 | 408.1 | 571.0 | 28.2 | 209.1 | 113.3 | 236.4 | 7.1 |
| May 4, 1893 | 3,830 | 1,910.4 | 380.5 | 504.6 | 26.4 | 207.2 | 115.6 | 174.3 | 7.5 |
| July 12, 1893 | 3,807 | 1,674.6 | 332.2 | 456.1 | 27.2 | 186.7 | 102.5 | 159.3 | 7.6 |
| Oct. 3, 1893 | 3,751 | 1,573.7 | 316.6 | 513.9 | 32.6 | 234.7 | 121.7 | 158.5 | 9.0 |

No. 19.—AMOUNT OF EACH KIND OF COIN AND COIN CERTIFICATES HELD BY THE NATIONAL BANKS OF THE UNITED STATES AND OF NEW YORK CITY, RESPECTIVELY, AT THE DATES INDICATED, FOR THE YEARS 1889 TO 1893, INCLUSIVE.

[From the Reports of the Comptroller of the Currency.]

| | Sept. 30, 1889. | Oct. 2, 1890. | Sept. 25, 1891. | Sept. 30, 1892. | Oct. 3, 1893. |
|---|---|---|---|---|---|
| New York City: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Gold coin | 7,096,549.50 | 8,631,003.00 | 9,845,117.00 | 12,146,883.00 | 36,739,700.00 |
| Treasury certificates | 48,925,260.00 | 65,551,590.00 | 37,523,360.00 | 44,618,480.00 | 32,403,940.00 |
| Clearing-house certificates | ..... | ..... | ..... | ..... | ..... |
| Silver coin— | | | | | |
| Dollars | 220,699.00 | 267,232.00 | 155,216.00 | 151,299.00 | 248,296.00 |
| Fractional | 255,586.02 | 328,370.03 | 491,567.49 | 467,497.07 | 431,664.90 |
| Silver Treasury certificates | 2,589,798.00 | 3,681,745.00 | 5,871,631.00 | 5,183,921.00 | 5,878,763.00 |
| Total | 59,087,892.52 | 78,459,940.03 | 53,796,891.49 | 62,568,071.07 | 75,703,063.90 |
| United States, exclusive of New York City: | | | | | |
| Gold coin | 64,504,980.44 | 66,033,830.34 | 74,619,230.24 | 82,875,069.77 | 93,000,738.19 |
| Treasury certificates | 17,085,690.00 | 27,784,010.00 | 22,650,310.00 | 26,431,700.00 | 15,118,570.00 |
| Clearing-house certificates | 7,375,000.00 | 3,469,000.00 | 7,300,000.00 | 7,860,000.00 | 5,080,000.00 |
| Silver coin— | | | | | |
| Dollars | 5,322,307.00 | 6,222,302.00 | 6,193,357.00 | 6,633,794.00 | 7,716,848.00 |
| Fractional | 3,473,314.88 | 3,992,237.47 | 4,417,183.18 | 4,938,213.85 | 5,577,513.98 |
| Silver Treasury certificates | 7,477,264.00 | 9,947,539.00 | 14,538,104.00 | 17,809,530.00 | 22,507,126.00 |
| Total | 105,238,556.32 | 117,448,918.81 | 129,718,184.42 | 146,548,307.62 | 149,000,796.17 |
| United States: | | | | | |
| Gold coin | 71,601,529.94 | 74,664,833.34 | 84,464,347.24 | 95,021,952.77 | 129,740,438.19 |
| Treasury certificates | 66,010,950.00 | 93,335,600.00 | 60,173,670.00 | 71,050,180.00 | 47,522,510.00 |
| Clearing-house certificates | 7,375,000.00 | 3,469,000.00 | 7,300,000.00 | 7,860,000.00 | 5,080,000.00 |
| Silver coin— | | | | | |
| Dollars | 5,543,006.00 | 6,489,534.00 | 6,348,573.00 | 6,785,084.00 | 7,965,844.00 |
| Fractional | 3,728,900.90 | 4,320,607.50 | 4,818,750.67 | 5,405,710.92 | 6,009,178.88 |
| Silver Treasury certificates | 10,067,062.00 | 13,629,284.00 | 20,409,735.00 | 22,993,451.00 | 28,385,889.00 |
| Total | 164,326,448.84 | 195,906,858.84 | 183,515,075.91 | 209,116,378.69 | 234,703,860.07 |

No. 20.—Amount of CAPITAL, SURPLUS, DIVIDENDS, and TOTAL EARNINGS of all the NATIONAL BANKS, by periods of Six Months, from 1870 to 1893, inclusive.

[From the Reports of the Comptroller of the Currency.]

| Period of six months ending— | Number of banks. | Capital. | Surplus. | Total dividends. | Total net earnings. | Ratios. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Dividends to capital. | Dividends to capital and surplus. | Earnings to capital and surplus |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Per ct.* | *Per ct.* | *Per ct.* |
| 1870, Mar. 1 | 1,671 | 416,366,991 | 86,118,210 | 21,479,095 | 28,996,934 | 5.16 | 4.27 | 5.77 |
| Sept. 1 | 1,601 | 425,317,104 | 91,630,620 | 21,060,343 | 28,813,835 | 4.96 | 4.08 | 5.19 |
| 1871, Mar. 1 | 1,605 | 428,699,165 | 94,672,401 | 22,205,150 | 27,343,163 | 5.18 | 4.24 | 5.21 |
| Sept. 1 | 1,698 | 445,999,284 | 98,286,591 | 22,125,279 | 27,315,311 | 4.96 | 4.07 | 5.02 |
| 1872, Mar. 1 | 1,750 | 450,693,706 | 99,431,243 | 22,859,826 | 27,502,539 | 5.07 | 4.16 | 5.00 |
| Sept. 1 | 1,852 | 465,676,023 | 105,181,942 | 23,827,289 | 30,572,891 | 5.12 | 4.17 | 5.36 |
| 1873, Mar. 1 | 1,912 | 475,918,683 | 114,267,288 | 24,826,061 | 31,926,478 | 5.22 | 4.21 | 5.41 |
| Sept. 1 | 1,955 | 488,100,951 | 118,113,848 | 24,823,029 | 32,122,000 | 5.09 | 4.00 | 5.46 |
| 1874, Mar. 1 | 1,967 | 489,510,323 | 123,469,859 | 23,529,996 | 29,544,120 | 4.81 | 3.84 | 4.82 |
| Sept. 1 | 1,971 | 489,938,284 | 128,364,039 | 24,929,807 | 30,036,511 | 5.09 | 4.03 | 4.86 |
| 1875, Mar. 1 | 2,007 | 493,568,831 | 131,560,687 | 24,750,816 | 29,136,007 | 5.01 | 3.86 | 4.66 |
| Sept. 1 | 2,047 | 497,364,833 | 134,123,649 | 24,317,785 | 28,860,217 | 4.88 | 3.85 | 4.56 |
| 1876, Mar. 1 | 2,076 | 504,269,491 | 134,467,595 | 24,811,581 | 28,097,921 | 4.92 | 3.88 | 3.62 |
| Sept. 1 | 2,081 | 500,482,271 | 132,251,078 | 22,563,829 | 20,540,231 | 4.50 | 3.57 | 3.25 |
| 1877, Mar. 1 | 2,080 | 496,651,580 | 130,872,165 | 21,803,969 | 19,593,962 | 4.39 | 3.47 | 3.12 |
| Sept. 1 | 2,072 | 486,324,899 | 124,349,254 | 22,117,116 | 15,274,028 | 4.54 | 3.62 | 2.50 |
| 1878, Mar. 1 | 2,074 | 475,699,751 | 122,373,561 | 18,962,399 | 16,946,696 | 3.89 | 3.17 | 2.83 |
| Sept. 1 | 2,047 | 470,231,896 | 118,687,134 | 17,959,223 | 13,658,893 | 3.81 | 3.04 | 2.31 |
| 1879, Mar. 1 | 2,043 | 464,413,996 | 116,744,135 | 17,541,054 | 14,678,660 | 3.78 | 3.02 | 2.53 |
| Sept. 1 | 2,045 | 456,182,056 | 115,149,351 | 17,401,867 | 16,873,200 | 3.82 | 3.05 | 2.96 |
| 1880, Mar. 1 | 2,046 | 454,660,090 | 117,226,501 | 18,121,273 | 21,152,784 | 3.99 | 3.17 | 3.70 |
| Sept. 1 | 2,072 | 454,215,662 | 120,145,649 | 18,290,200 | 24,033,250 | 4.03 | 3.18 | 4.13 |
| 1881, Mar. 1 | 2,087 | 456,844,865 | 122,481,788 | 18,877,517 | 24,453,021 | 4.13 | 3.26 | 4.22 |
| Sept. 1 | 2,100 | 458,934,485 | 127,238,394 | 19,499,694 | 29,176,816 | 4.25 | 3.33 | 5.00 |
| 1882, Mar. 1 | 2,137 | 460,354,485 | 131,291,889 | 19,915,875 | 27,063,599 | 4.33 | 3.37 | 4.56 |
| Sept. 1 | 2,197 | 473,947,715 | 133,570,931 | 20,876,553 | 26,237,635 | 4.40 | 3.44 | 4.32 |
| 1883, Mar. 1 | 2,267 | 483,091,342 | 137,570,105 | 20,285,103 | 26,432,994 | 4.20 | 3.27 | 4.25 |
| Sept. 1 | 2,359 | 494,640,140 | 141,282,187 | 20,393,577 | 27,574,214 | 4.12 | 3.21 | 4.34 |
| 1884, Mar. 1 | 2,491 | 507,969,300 | 145,600,849 | 21,062,806 | 27,994,764 | 4.15 | 3.23 | 4.29 |
| Sept. 1 | 2,583 | 518,695,725 | 147,721,475 | 20,171,693 | 24,368,019 | 3.89 | 3.03 | 3.66 |
| 1885, Mar. 1 | 2,650 | 522,899,715 | 148,771,121 | 20,437,650 | 21,601,202 | 3.91 | 3.04 | 3.20 |
| Sept. 1 | 2,665 | 524,599,602 | 146,902,495 | 20,218,471 | 22,024,294 | 3.85 | 3.01 | 3.28 |
| 1886, Mar. 1 | 2,706 | 527,356,195 | 152,996,992 | 21,265,661 | 27,253,667 | 4.03 | 3.13 | 4.60 |
| Sept. 1 | 2,784 | 537,563,643 | 157,064,778 | 21,147,142 | 27,912,719 | 3.93 | 3.04 | 4.02 |
| 1887, Mar. 1 | 2,855 | 548,355,770 | 163,731,900 | 22,148,587 | 31,696,795 | 4.04 | 3.11 | 4.45 |
| Sept. 1 | 2,942 | 558,544,541 | 171,254,553 | 22,003,320 | 32,308,075 | 3.94 | 3.01 | 4.50 |
| 1888, Mar. 1 | 3,044 | 577,136,743 | 179,397,143 | 23,068,607 | 32,601,295 | 4.00 | 3.05 | 4.31 |
| Sept. 1 | 3,093 | 583,539,145 | 184,416,991 | 23,443,051 | 32,759,192 | 4.02 | 3.05 | 4.20 |
| 1889, Mar. 1 | 3,147 | 593,153,659 | 192,507,500 | 23,298,473 | 35,109,889 | 3.93 | 2.96 | 4.47 |
| Sept. 1 | 3,194 | 599,451,185 | 197,128,884 | 23,335,587 | 34,508,376 | 3.89 | 2.98 | 4.33 |
| 1890, Mar. 1 | 3,294 | 615,405,545 | 204,546,434 | 26,249,766 | 35,348,539 | 4.27 | 3.20 | 4.39 |
| Sept. 1 | 3,412 | 634,773,746 | 211,869,189 | 24,909,117 | 36,807,024 | 3.92 | 2.94 | 4.35 |
| 1891, Mar. 1 | 3,542 | 652,596,535 | 219,430,741 | 25,768,776 | 40,145,974 | 3.95 | 2.96 | 4.60 |
| Sept. 1 | 3,612 | 667,629,987 | 226,102,597 | 25,026,235 | 35,617,640 | 3.75 | 2.89 | 3.99 |
| 1892, Mar. 1 | 3,671 | 675,356,310 | 234,676,901 | 25,546,854 | 34,868,690 | 3.78 | 2.81 | 3.78 |
| Sept. 1 | 3,761 | 679,076,650 | 237,761,865 | 24,853,869 | 33,294,925 | 3.66 | 2.71 | 3.52 |
| 1893, Mar. 1 | 3,759 | 686,874,375 | 245,714,438 | 26,474,210 | 36,091,708 | 3.85 | 2.84 | 3.97 |
| Sept. 1 | 3,758 | 681,809,673 | 248,122,908 | 23,158,965 | 33,639,943 | 3.40 | 2.49 | 3.51 |

**No. 21.—Amount of SPECIE HELD by the NATIONAL BANKS at the DATES of their REPORTS, from 1883 to 1893, inclusive, the COIN, COIN CERTIFICATES, and GOLD CLEARING-HOUSE CERTIFICATES held by the NEW YORK CITY NATIONAL BANKS being stated separately.**

[From the Reports of the Comptroller of the Currency.]

| Dates. | Held by national banks in New York City. | | | | Held by other national banks. | Total. |
|---|---|---|---|---|---|---|
| | Coin. | United States coin certificates. | Gold clearing-house certificates. | Total. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1883, Mar. 13 | 10, 060, 551. 05 | 10, 813, 320 | 21, 818, 000 | 42, 691, 871. 05 | 55, 270, 495. 29 | 97, 962, 366. 34 |
| May 1 | 9, 861, 636. 15 | 16, 994, 210 | 21, 334, 000 | 47, 319, 846. 15 | 56, 287, 420. 17 | 103, 607, 266. 32 |
| June 22 | 8, 219, 744. 22 | 26, 477, 760 | 22, 189, 000 | 56, 836, 504. 22 | 58, 517, 890. 49 | 115, 354, 394. 62 |
| Oct. 2 | 9, 388, 073. 82 | 20, 541, 100 | 20, 345, 000 | 50, 274, 173. 82 | 57, 543, 809. 71 | 107, 817, 983. 53 |
| Dec. 31 | 10, 793, 481. 17 | 20, 535, 270 | 21, 693, 000 | 53, 011, 751. 17 | 61, 274, 466. 87 | 114, 276, 158. 04 |
| 1884, Mar. 7 | 12, 948, 092. 34 | 21, 582, 060 | 25, 912, 000 | 60, 442, 152. 34 | 63, 637, 974. 99 | 123, 080, 127. 33 |
| Apr. 24 | 8, 929, 064. 27 | 20, 098, 380 | 20, 527, 000 | 49, 549, 444. 27 | 65, 195, 262. 82 | 114, 744, 707. 09 |
| June 20 | 7, 446, 696. 82 | 20, 397, 560 | 15, 690, 000 | 43, 534, 296. 82 | 66, 127, 895. 29 | 109, 661, 692. 11 |
| Sept. 30 | 7, 296, 178. 39 | 40, 765, 140 | 15, 052, 000 | 63, 113, 318. 39 | 65, 496, 153. 34 | 128, 609, 474. 73 |
| Dec. 20 | 11, 314, 080. 57 | 44, 198, 870 | 17, 331, 000 | 72, 838, 950. 57 | 66, 908, 128. 96 | 139, 747, 079. 53 |
| 1885, Mar. 10 | 11, 802, 276. 48 | 61, 114, 060 | 17, 579, 000 | 90, 495, 356. 48 | 76, 620, 517. 19 | 167, 115, 873. 67 |
| May 6 | 11, 479, 763. 87 | 67, 646, 060 | 17, 874, 200 | 96, 500, 023. 87 | 80, 983, 095. 43 | 177, 483, 119. 30 |
| July 1 | 14, 417, 685. 25 | 65, 400, 390 | 16, 709, 600 | 96, 527, 065. 25 | 81, 085, 426. 77 | 177, 612, 492. 02 |
| Oct. 1 | 11, 290, 427. 74 | 62, 249, 740 | 17, 914, 000 | 91, 454, 167. 74 | 83, 418, 469. 80 | 174, 872, 577. 54 |
| Dec. 24 | 13, 826, 637. 74 | 46, 588, 780 | 17, 164, 000 | 77, 579, 417. 74 | 87, 774, 934. 63 | 165, 354, 352. 37 |
| 1886, Mar. 1 | 13, 559, 142. 08 | 48, 322, 120 | 15, 340, 000 | 77, 221, 262. 08 | 94, 394, 657. 31 | 171, 615, 919. 39 |
| June 8 | 12, 643, 619. 92 | 28, 069, 380 | 17, 174, 000 | 57, 886, 999. 92 | 99, 572, 870. 57 | 157, 459, 870. 49 |
| Aug. 27 | 11, 819, 596. 77 | 29, 325, 930 | 17, 686, 000 | 58, 231, 526. 77 | 90, 768, 971. 33 | 149, 000, 492. 10 |
| Oct. 7 | 11, 942, 492, 07 | 36, 369, 130 | 15, 795, 000 | 64, 106, 622. 07 | 92, 281, 073. 93 | 156, 387, 696. 00 |
| Dec. 28 | 12, 853, 614. 67 | 42, 976, 290 | 17, 651, 000 | 73, 475, 913. 67 | 93, 507, 642. 34 | 166, 983, 556. 01 |
| 1887, Mar. 4 | 10, 356, 485. 65 | 46, 326, 549 | 18, 195, 000 | 74, 878, 034. 65 | 96, 800, 871. 50 | 171, 678, 906. 15 |
| May 18 | 8, 537, 361. 17 | 40, 161, 633 | 14, 939, 000 | 63, 638, 494. 17 | 103, 677, 171. 45 | 167, 315, 665. 62 |
| Aug. 1 | 8, 304, 877. 59 | 39, 652, 579 | 17, 039, 000 | 64, 996, 456. 59 | 100, 107, 753. 69 | 165, 104, 210. 28 |
| Oct. 5 | 8, 731, 137. 94 | 38, 705, 792 | 16, 186, 000 | 63, 622, 928. 94 | 101, 462, 525. 44 | 165, 085, 454. 38 |
| Dec. 7 | 8, 952, 291. 33 | 31, 735, 515 | 17, 890, 000 | 58, 577, 806. 33 | 100, 662, 236. 65 | 159, 240, 042. 46 |
| 1888, Feb. 14 | 9, 002, 398. 36 | 43, 177, 280 | 19, 123, 000 | 71, 302, 678. 36 | 102, 527, 936. 26 | 173, 830, 614. 62 |
| Apr. 30 | 8, 992, 809. 75 | 43, 176, 794 | 17, 245, 000 | 69, 414, 603. 75 | 102, 659, 407. 44 | 172, 074, 011. 19 |
| June 30 | 8, 462, 977. 94 | 56, 958, 437 | 7, 999, 000 | 73, 420, 414. 94 | 107, 871, 861. 82 | 181, 292, 276. 76 |
| Oct. 4 | 7, 720, 728. 14 | 64, 871, 468 | 1, 815, 000 | 73, 907, 196. 14 | 104, 190, 620. 50 | 178, 097, 816. 64 |
| Dec. 12 | 7, 722, 201. 62 | 62, 611, 074 | ..... | 70, 333, 275. 62 | 102, 401, 002. 88 | 172, 734, 278. 50 |
| 1889, Feb. 26 | 8, 013, 460. 99 | 68, 456, 270 | ..... | 76, 469, 730. 99 | 105, 815, 072. 01 | 182, 284, 803. 00 |
| May 13 | 7, 610, 047. 54 | 63, 885, 493 | ..... | 71, 495, 540. 54 | 113, 680, 910. 32 | 185, 176, 450. 86 |
| July 12 | 7, 926, 591. 29 | 54, 191, 234 | ..... | 61, 817, 825. 29 | 114, 086, 043. 69 | 175, 903, 868. 98 |
| Sept. 30 | 7, 572, 834. 52 | 51, 515, 058 | ..... | 59, 087, 892. 52 | 105, 238, 556. 32 | 164, 326, 448. 84 |
| Dec. 11 | 9, 112, 663. 83 | 57, 573, 221 | ..... | 66, 685, 884. 83 | 104, 403, 573. 27 | 171, 089, 458. 10 |
| 1890, Feb. 28 | 9, 630, 979. 37 | 60, 019, 185 | ..... | 69, 650, 164. 37 | 111, 895, 973. 43 | 181, 546, 137. 80 |
| May 17 | 9, 455, 468. 73 | 55, 773, 326 | ..... | 65, 228, 794. 73 | 112, 937, 699. 70 | 178, 166, 494. 43 |
| July 18 | 8, 934, 154. 82 | 55, 228, 650 | ..... | 64, 162, 804. 82 | 114, 441, 258. 74 | 178, 604, 063. 56 |
| Oct. 2 | 9, 226, 605. 03 | 69, 233, 335 | ..... | 78, 459, 940. 03 | 117, 448, 918. 81 | 195, 908, 858. 84 |
| Dec. 19 | 8, 020, 421. 39 | 60, 142, 362 | ..... | 68, 163, 783. 39 | 121, 899, 222. 81 | 190, 063, 006. 20 |
| 1891, Feb. 26 | 8, 286, 766. 50 | 61, 461, 243 | ..... | 69, 742, 009. 50 | 131, 496, 358. 32 | 201, 240, 362. 82 |
| May 4 | 8, 609, 982. 02 | 49, 984, 312 | ..... | 58, 594, 294. 02 | 136, 345, 117. 29 | 194, 939, 411. 31 |
| July 9 | 10, 535, 236. 56 | 45, 017, 973 | ..... | 55, 553, 209. 56 | 135, 216, 327. 90 | 190, 769, 537. 46 |
| Sept. 25 | 10, 401, 900. 49 | 43, 394, 991 | ..... | 53, 796, 891. 49 | 129, 718, 184. 42 | 183, 515, 075. 91 |
| Dec. 2 | 10, 632, 606. 16 | 65, 524, 570 | ..... | 76, 157, 176. 16 | 131, 740, 858. 59 | 207, 898, 034. 75 |
| 1892, Mar. 1 | 12, 506, 544. 06 | 75, 805, 161 | ..... | 88, 311, 705. 06 | 141, 936, 263. 22 | 230, 147, 968. 28 |
| May 17 | 14, 213, 888. 12 | 70, 984, 193 | ..... | 85. 198, 081. 12 | 153, 846, 027. 03 | 239, 044, 108. 15 |
| July 12 | 14, 292, 614. 14 | 61, 555, 965 | ..... | 75, 848, 579. 14 | 153, 471, 901. 27 | 229, 320, 480. 41 |
| Sept. 30 | 12, 765, 670. 07 | 49, 802, 401 | ..... | 62, 568, 071. 07 | 146, 548, 307. 62 | 209, 116, 378. 69 |
| Dec. 9 | 13, 119, 308. 98 | 52, 655, 712 | ..... | 65, 775, 020. 98 | 144, 120, 239. 78 | 209, 895, 260. 76 |
| 1893, Mar. 6 | 13, 004, 045. 58 | 48, 573, 094 | ..... | 61, 577, 139. 58 | 146, 764, 676. 84 | 208, 341, 816. 42 |
| May 4 | 14, 461, 198. 59 | 49, 109, 295 | ..... | 63, 570, 493. 59 | 143, 651, 649, 22 | 207, 222, 141. 81 |
| July 12 | 17, 165, 605. 31 | 37, 842, 671 | ..... | 55, 008, 276. 31 | 131, 752, 897. 00 | 186, 761, 173. 31 |
| Oct. 3 | 37, 420, 360. 90 | 38, 282, 703 | ..... | 75, 703, 063. 90 | 149, 060, 796. 17 | 224, 763, 860. 07 |

No. 22.—LOANS, CAPITAL, SURPLUS, NET DEPOSITS, ETC., OF NATIONAL BANKS IN THE UNITED STATES, WITH RATIOS OF LOANS TO CAPITAL, SURPLUS, AND NET DEPOSITS, AND OF CASH TO NET DEPOSITS, ON OR NEAR THE 1ST DAY OF OCTOBER OF EACH YEAR FROM 1872 TO 1893, INCLUSIVE (EXPRESSED IN MILLIONS OF DOLLARS).

[From the Reports of the Comptroller of the Currency.]

## NEW YORK CITY.

| Dates. | Number of banks. | Loans. | Capital. | Surplus. | Net deposits. | Specie. | Legal-tender notes and United States certificates. | Ratios of— | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Loans to capital, surplus, and net deposits. | Cash to net deposits. |
| | | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Per ct.* | *Per ct.* |
| Oct. 2, 1872 | 50 | $188.4 | $71.3 | $20.9 | $158.0 | $6.4 | $20.0 | 73.3 | 28 7 |
| Sept. 12, 1873 | 48 | 190.3 | 70.2 | 21.9 | 172.7 | 14.6 | 32.3 | 75.3 | 27.2 |
| Oct. 2, 1874 | 48 | 202.2 | 68.5 | 22.7 | 204.6 | 14.4 | 52.4 | 68.4 | 32.6 |
| Oct. 1, 1875 | 48 | 202.4 | 68.5 | 22.5 | 202.3 | 5.0 | 54.5 | 69.0 | 29.4 |
| Oct. 2, 1876 | 47 | 184.3 | 66.4 | 18.9 | 197.9 | 14.6 | 45.3 | 65.1 | 30.3 |
| Oct. 1, 1877 | 47 | 169.3 | 57.4 | 16.6 | 174.9 | 12.9 | 34.3 | 68.0 | 27.0 |
| Oct. 1, 1878 | 47 | 169.7 | 53.8 | 15.9 | 189.8 | 13.3 | 36.5 | 65.4 | 26.2 |
| Oct. 2, 1879 | 47 | 196.0 | 50.7 | 16.0 | 210.2 | 19.4 | 32.6 | 70.8 | 24.7 |
| Oct. 1, 1880 | 47 | 238.5 | 50.7 | 18.2 | 268.1 | 59.8 | 11.0 | 70.8 | 26.4 |
| Oct. 1, 1881 | 48 | 248.9 | 51.1 | 19.9 | 268.8 | 50.6 | 10.9 | 72.6 | 22.9 |
| Oct. 3, 1882 | 50 | 239.2 | 51.6 | 21.3 | 254.0 | 44.5 | 18.9 | 73.2 | 24.9 |
| Oct. 2, 1883 | 48 | 245.1 | 50.3 | 23.9 | 266.9 | 50.3 | 19.7 | 72.0 | 26.2 |
| Sept. 30, 1884 | 44 | 205.5 | 46.3 | 22.6 | 255.0 | 63.1 | 27.0 | 63.4 | 35.2 |
| Oct. 1, 1885 | 44 | 236.8 | 45.3 | 23.2 | 312.9 | 91.5 | 23.7 | 62.3 | 30.3 |
| Oct. 7, 1886 | 45 | 253.7 | 45.1 | 25.7 | 282.8 | 64.1 | 12.5 | 71.7 | 27.1 |
| Oct. 5, 1887 | 47 | 258.0 | 49.2 | 30.6 | 284.3 | 68.6 | 16.1 | 70.9 | 28.0 |
| Oct. 4, 1888 | 46 | 292.5 | 49.1 | 31.7 | 342.2 | 73.9 | 23.1 | 69.2 | 28.1 |
| Sept. 30, 1889 | 45 | 303.9 | 48.8 | 33.1 | 338.1 | 59.1 | 25.6 | 72.4 | 25.1 |
| Oct. 2, 1890 | 47 | 297.1 | 49.1 | 36.9 | 332.6 | 78.5 | 13.9 | 71.0 | 27.8 |
| Sept. 25, 1891 | 49 | 301.6 | 50.9 | 38.1 | 327.8 | 58.8 | 22.0 | 72.3 | 26.2 |
| Sept. 30, 1892 | 48 | 344.2 | 49.6 | 40.5 | 391.9 | 62.6 | 49.6 | 71.4 | 26.3 |
| Oct. 3, 1893 | 49 | 261.0 | 51.2 | 41.6 | 309.9 | 75.7 | 32.5 | 69.8 | 34.9 |

## OTHER RESERVE CITIES.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Oct. 3, 1872 | 189 | 242.0 | 124.9 | 29.8 | 179.6 | 1.9 | 36.7 | 72.4 | 21.5 |
| Sept. 12, 1873 | 181 | 263.1 | 127.2 | 32.5 | 197.6 | 3.2 | 66.3 | 73.6 | 29.0 |
| Oct. 2, 1874 | 182 | 272.5 | 127.1 | 35.2 | 219.9 | 4.4 | 36.7 | 71.3 | 18.7 |
| Oct. 1, 1875 | 188 | 279.3 | 128.8 | 37.0 | 222.9 | 1.5 | 37.1 | 71.9 | 17.3 |
| Oct. 2, 1876 | 189 | 264.7 | 127.9 | 37.4 | 216.3 | 4.0 | 37.1 | 69.4 | 19.0 |
| Oct. 1, 1877 | 188 | 254.3 | 123.7 | 33.1 | 203.4 | 5.6 | 34.4 | 70.6 | 19.7 |
| Oct. 1, 1878 | 184 | 231.2 | 119.2 | 30.8 | 199.2 | 9.4 | 29.5 | 66.2 | 19.5 |
| Oct. 2, 1879 | 181 | 244.4 | 115.4 | 30.3 | 228.2 | 11.3 | 33.0 | 65.4 | 19.4 |
| Oct. 1, 1880 | 184 | 296.8 | 116.3 | 32.0 | 288.8 | 28.3 | 25.0 | 67.7 | 18.5 |
| Oct. 1, 1881 | 189 | 346.7 | 119.8 | 34.2 | 335.7 | 34.5 | 21.9 | 70.8 | 16.3 |
| Oct. 3, 1882 | 193 | 348.7 | 125.4 | 34.1 | 318.3 | 28.3 | 24.1 | 72.9 | 16.4 |
| Oct. 2, 1883 | 200 | 352.2 | 131.7 | 36.0 | 323.4 | 26.3 | 30.1 | 71.6 | 17.4 |
| Sept. 30, 1884 | 203 | 342.3 | 133.7 | 37.4 | 307.9 | 30.3 | 33.3 | 71.5 | 20.7 |
| Oct. 1, 1885 | 203 | 369.9 | 135.9 | 37.3 | 364.5 | 41.9 | 34.9 | 68.3 | 21.1 |
| Oct. 7, 1886 | 217 | 410.3 | 143.0 | 39.4 | 381.5 | 44.5 | 26.0 | 72.3 | 18.5 |
| Oct. 5, 1887 | 246 | 458.5 | 156.3 | 44.9 | 413.5 | 50.7 | 31.2 | 74.6 | 19.3 |
| Oct. 4, 1888 | 247 | 481.5 | 157.9 | 48.4 | 462.0 | 54.0 | 33.5 | 72.1 | 18.9 |
| Sept. 30, 1889 | 253 | 531.3 | 164.0 | 51.9 | 509.7 | 54.3 | 37.9 | 73.2 | 18.2 |
| Oct. 2, 1890 | 286 | 614.4 | 185.2 | 60.4 | 566.3 | 63.2 | 35.2 | 75.6 | 17.1 |
| Sept. 25, 1891 | 295 | 612.7 | 193.1 | 65.6 | 569.0 | 69.4 | 44.5 | 74.0 | 20.0 |
| Sept. 30, 1892 | 295 | 673.5 | 195.7 | 68.6 | 655.0 | 79.9 | 38.7 | 73.3 | 18.1 |
| Oct. 3, 1893 | 298 | 558.3 | 194.6 | 72.3 | 496.3 | 73.0 | 48.0 | 73.2 | 24.4 |

## No. 22.—LOANS, CAPITAL, SURPLUS, NET DEPOSITS, ETC., OF NATIONAL BANKS, 1872 TO 1893—Continued.

### STATES AND TERRITORIES.

| Dates. | Number of banks. | Loans. | Capital. | Surplus. | Net deposits. | Specie. | Legal-tender notes and United States certificates. | Ratios of— | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Loans to capital, surplus, and net deposits. | Cash to net deposits. |
| | | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Millions.* | *Per cent.* | *Per cent.* |
| Oct. 3, 1872 | 1,689 | $451.8 | $283.4 | $59.6 | $282.1 | $1.9 | $41.3 | 72.3 | 16.0 |
| Sept. 12, 1873 | 1,747 | 481.8 | 298.7 | 65.9 | 303.1 | 2.1 | 44.5 | 72.7 | 15.4 |
| Oct. 2, 1874 | 1,774 | 479.7 | 298.2 | 71.1 | 292.8 | 2.4 | 33.7 | 72.5 | 12.3 |
| Oct. 1, 1875 | 1,851 | 503.0 | 307.5 | 74.9 | 306.7 | 1.6 | 33.7 | 73.0 | 11.5 |
| Oct. 2, 1876 | 1,853 | 482.3 | 305.5 | 75.9 | 291.5 | 2.8 | 31.0 | 71.7 | 11.6 |
| Oct. 1, 1877 | 1,815 | 468.3 | 298.4 | 73.1 | 289.4 | 4.2 | 31.6 | 70.9 | 12.4 |
| Oct. 1, 1878 | 1,822 | 433.1 | 293.1 | 70.2 | 288.3 | 8.0 | 31.1 | 66.5 | 13.6 |
| Oct. 2, 1879 | 1,820 | 438.1 | 288.0 | 68.5 | 329.3 | 11.5 | 30.4 | 63.9 | 12.7 |
| Oct. 1, 1880 | 1,859 | 506.7 | 290.6 | 70.3 | 410.3 | 21.2 | 28.3 | 65.7 | 12.1 |
| Oct. 1, 1881 | 1,895 | 580.2 | 292.9 | 74.0 | 507.2 | 27.5 | 27.1 | 66.4 | 10.8 |
| Oct. 3, 1882 | 2,026 | 655.4 | 306.1 | 76.5 | 545.8 | 30.0 | 28.9 | 70.6 | 10.8 |
| Oct. 2, 1883 | 2,253 | 706.2 | 327.7 | 82.1 | 577.9 | 31.2 | 30.8 | 71.5 | 10.7 |
| Sept. 30, 1884 | 2,417 | 697.5 | 344.3 | 87.0 | 535.8 | 35.2 | 30.9 | 73.1 | 12.3 |
| Oct. 1, 1885 | 2,467 | 694.5 | 346.3 | 87.1 | 570.3 | 41.5 | 29.9 | 69.2 | 12.5 |
| Oct. 7, 1886 | 2,590 | 779.1 | 360.1 | 92.1 | 637.6 | 47.8 | 30.1 | 71.5 | 12.2 |
| Oct. 5, 1887 | 2,756 | 863.6 | 378.0 | 98.4 | 690.6 | 50.8 | 32.6 | 74.3 | 12.1 |
| Oct. 4, 1888 | 2,847 | 900.9 | 385.6 | 105.4 | 739.3 | 50.2 | 34.5 | 73.2 | 11.5 |
| Sept. 30, 1889 | 2,992 | 970.5 | 399.8 | 112.4 | 807.6 | 50.5 | 36.2 | 73.5 | 10.7 |
| Oct. 2, 1890 | 3,207 | 1,058.5 | 416.2 | 116.3 | 859.3 | 54.2 | 37.7 | 76.1 | 10.3 |
| Sept. 25, 1891 | 3,333 | 1,074.9 | 433.4 | 123.9 | 861.3 | 60.3 | 36.3 | 75.7 | 11.3 |
| Sept. 30, 1892 | 3,480 | 1,135.3 | 441.2 | 129.7 | 975.5 | 66.6 | 38.9 | 73.4 | 10.3 |
| Oct. 3, 1893 | 3,434 | 990.3 | 432.7 | 132.9 | 767.5 | 76.0 | 41.2 | 74.3 | 15.5 |

### UNITED STATES.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Oct. 3, 1872 | 1,919 | 877.2 | 479.6 | 110.3 | 619.3 | 10.2 | 119.0 | 72.5 | 20.3 |
| Sept. 12, 1873 | 1,976 | 944.2 | 491.1 | 120.3 | 673.4 | 19.9 | 113.1 | 73.5 | 19.3 |
| Oct. 2, 1874 | 2,004 | 954.4 | 493.3 | 129.0 | 717.3 | 21.2 | 122.3 | 71.2 | 20.0 |
| Oct. 1, 1875 | 2,087 | 984.7 | 504.3 | 134.4 | 731.9 | 8.1 | 125.3 | 71.3 | 18.2 |
| Oct. 2, 1876 | 2,089 | 930.3 | 499.3 | 132.2 | 705.7 | 21.4 | 113.4 | 69.6 | 19.1 |
| Oct. 1, 1877 | 2,080 | 891.9 | 479.5 | 122.3 | 667.7 | 23.7 | 100.3 | 70.2 | 18.4 |
| Oct. 1, 1878 | 2,053 | 834.0 | 466.1 | 116.9 | 677.3 | 30.7 | 97.1 | 66.2 | 18.9 |
| Oct. 2, 1879 | 2,048 | 878.5 | 454.1 | 114.3 | 767.7 | 42.2 | 96.0 | 65.7 | 18.0 |
| Oct. 1, 1880 | 2,090 | 1,041.0 | 457.6 | 120.5 | 967.2 | 109.3 | 64.3 | 67.4 | 17.9 |
| Oct. 1, 1881 | 2,132 | 1,173.3 | 468.3 | 128.1 | 1,111.6 | 112.7 | 59.9 | 68.9 | 15.5 |
| Oct. 3, 1882 | 2,269 | 1,243.2 | 483.1 | 132.1 | 1,118.6 | 102.9 | 72.0 | 71.6 | 15.6 |
| Oct. 2, 1883 | 2,501 | 1,303.5 | 509.7 | 142.0 | 1,168.2 | 107.3 | 80.6 | 71.6 | 16.1 |
| Sept. 30, 1884 | 2,664 | 1,245.3 | 524.3 | 147.1 | 1,098.7 | 128.6 | 91.2 | 70.3 | 20.0 |
| Sept. 30, 1885 | 2,714 | 1,301.2 | 527.5 | 146.6 | 1,248.2 | 174.9 | 88.5 | 67.7 | 21.1 |
| Oct. 7, 1886 | 2,852 | 1,443.7 | 548.2 | 157.2 | 1,301.8 | 156.4 | 68.7 | 71.9 | 17.3 |
| Oct. 5, 1887 | 3,049 | 1,580.0 | 578.5 | 173.9 | 1,388.4 | 165.1 | 79.9 | 73.8 | 17.6 |
| Oct. 4, 1888 | 3,140 | 1,674.9 | 592.6 | 185.5 | 1,543.6 | 178.1 | 90.0 | 72.1 | 17.4 |
| Sept. 30, 1889 | 3,290 | 1,805.7 | 612.6 | 197.4 | 1,655.4 | 164.3 | 99.7 | 73.2 | 15.9 |
| Oct. 2, 1890 | 3,540 | 1,970.0 | 650.5 | 213.6 | 1,758.7 | 195.9 | 86.8 | 75.1 | 16.1 |
| Sept. 25, 1891 | 3,677 | 1,989.2 | 677.4 | 227.6 | 1,758.6 | 183.5 | 113.3 | 74.7 | 16.9 |
| Sept. 30, 1892 | 3,773 | 2,153.5 | 686.6 | 238.9 | 2,022.5 | 209.1 | 118.3 | 74.1 | 16.3 |
| Oct. 3, 1893 | 3,781 | 1,830.6 | 678.5 | 246.3 | 1,573.7 | 224.7 | 121.7 | 73.3 | 22.9 |

**No. 23.—Classification of the LOANS and DISCOUNTS of the NATIONAL BANKS in the Reserve Cities and in the States and Territories on October 3, 1893.**

| Cities, States, and Territories. | No. of banks. | On demand, paper with one or more individual or firm names. | On demand secured by stocks, bonds, and other personal securities. | On time, paper with two or more individual or firm names. | On time, single name paper (one person or firm) without other security. | On time, secured by stocks, bonds, and other personal securities, or on mortgages or other real estate security. | Total. |
|---|---|---|---|---|---|---|---|
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| New York City | 49 | 6,216,350 | 93,897,446 | 110,225,762 | 26,864,953 | 43,836,150 | 281,040,663 |
| Chicago | 21 | 5,509,670 | 13,815,614 | 24,522,359 | 13,515,691 | 15,558,954 | 72,922,290 |
| St. Louis | 9 | 1,626,168 | 3,350,523 | 9,424,921 | 1,363,841 | 6,691,944 | 22,957,399 |
| Boston | 55 | 7,473,487 | 20,444,592 | 65,981,962 | 20,526,027 | 22,328,975 | 136,705,066 |
| Albany | 6 | 544,822 | 3,115,209 | 3,329,892 | 376,620 | 368,633 | 7,735,378 |
| Brooklyn | 5 | 87,100 | 3,543,380 | 4,088,394 | 329,000 | 1,148,902 | 9,146,777 |
| Philadelphia | 41 | 1,480,377 | 15,003,780 | 37,317,161 | 16,467,703 | 20,466,852 | 90,685,874 |
| Pittsburg | 29 | 956,614 | 5,251,448 | 20,497,460 | 1,937,493 | 7,262,455 | 35,905,472 |
| Baltimore | 23 | 903,842 | 4,278,666 | 14,383,850 | 5,899,995 | 4,731,462 | 30,197,815 |
| Washington City | 12 | 175,045 | 1,409,245 | 3,634,161 | 33,487 | 764,737 | 6,016,677 |
| New Orleans | 9 | 370,339 | 3,126,328 | 5,252,834 | 814,811 | 4,275,234 | 13,839,548 |
| Louisville | 10 | 116,266 | 642,567 | 4,129,731 | 237,238 | 3,647,235 | 8,773,039 |
| Cincinnati | 13 | 1,704,731 | 2,483,965 | 9,422,523 | 4,888,908 | 3,571,107 | 22,071,236 |
| Cleveland | 11 | 1,207,206 | 3,962,536 | 13,487,134 | 2,015,703 | 3,507,270 | 24,179,851 |
| Detroit | 8 | 1,299,103 | 1,264,575 | 7,963,458 | 1,147,924 | 1,782,453 | 13,457,516 |
| Milwaukee | 5 | 790,748 | 1,001,172 | 3,084,008 | 829,740 | 1,070,984 | 6,776,653 |
| Des Moines | 4 | 34,145 | 89,760 | 875,164 | 412,497 | 543,471 | 1,955,040 |
| St. Paul | 4 | 1,191,014 | 653,599 | 3,119,244 | 2,596,231 | 2,078,612 | 9,638,702 |
| Minneapolis | 7 | 1,540,954 | 605,238 | 5,627,591 | 2,689,601 | 1,836,263 | 12,299,649 |
| Kansas City | 8 | 672,515 | 1,383,923 | 3,733,560 | 2,122,817 | 3,372,958 | 11,225,776 |
| St. Joseph | 4 | 499,218 | 81,294 | 2,050,999 | 741,994 | 1,082,704 | 4,456,211 |
| Lincoln | 4 | 185,040 | 109,899 | 1,492,088 | 228,344 | 606,416 | 2,621,790 |
| Omaha | 9 | 364,220 | 325,678 | 4,147,552 | 1,767,793 | 2,665,604 | 9,270,849 |
| San Francisco | 2 | 3,661,440 | 1,157,839 | 455,955 | 253,369 | 360,490 | 5,889,094 |
| Total of cities | 347 | 38,510,426 | 180,998,289 | 358,197,794 | 108,561,990 | 153,559,878 | 839,828,380 |
| Maine | 83 | 797,973 | 900,420 | 15,654,029 | 1,153,419 | 2,777,810 | 21,283,653 |
| New Hampshire | 51 | 1,772,497 | 1,675,833 | 5,189,069 | 528,502 | 1,676,464 | 10,842,367 |
| Vermont | 48 | 1,173,429 | 739,862 | 8,472,787 | 1,039,966 | 1,753,231 | 13,179,277 |
| Massachusetts | 214 | 4,200,573 | 8,301,571 | 57,256,281 | 16,975,429 | 15,478,048 | 102,211,905 |
| Rhode Island | 59 | 548,220 | 1,482,107 | 17,896,470 | 7,005,168 | 7,090,582 | 34,022,550 |
| Connecticut | 84 | 1,745,398 | 3,835,592 | 25,317,781 | 6,059,113 | 6,775,261 | 43,733,147 |
| New York | 274 | 5,225,165 | 4,600,032 | 71,718,085 | 9,016,484 | 8,177,141 | 98,736,909 |
| New Jersey | 99 | 1,518,940 | 7,696,006 | 30,643,940 | 2,950,006 | 4,484,366 | 47,293,261 |
| Pennsylvania | 326 | 2,542,326 | 23,664,989 | 59,665,711 | 10,930,622 | 9,558,664 | 106,362,313 |
| Delaware | 18 | 168,488 | 345,916 | 4,053,383 | 108,560 | 756,844 | 5,433,192 |
| Maryland | 46 | 177,750 | 330,354 | 8,040,584 | 516,811 | 1,079,393 | 10,144,844 |
| District of Columbia | 1 | 500 | 70,191 | 265,226 | ..... | 187,285 | 523,204 |
| Virginia | 36 | 927,185 | 1,259,914 | 9,201,772 | 1,043,009 | 2,617,180 | 15,049,062 |
| West Virginia | 30 | 115,708 | 38,832 | 5,803,603 | 240,201 | 594,179 | 6,792,525 |
| North Carolina | 24 | 219,482 | 119,209 | 3,539,758 | 638,012 | 1,156,964 | 5,673,372 |
| South Carolina | 14 | 54,800 | 352,769 | 2,727,337 | 166,244 | 2,664,954 | 5,966,156 |
| Georgia | 27 | 138,882 | 816,084 | 4,124,056 | 729,981 | 1,973,071 | 7,782,025 |
| Florida | 17 | 110,167 | 122,144 | 1,577,472 | 926,660 | 691,223 | 3,427,668 |
| Alabama | 28 | 509,937 | 453,024 | 2,331,283 | 931,804 | 1,701,647 | 5,927,697 |
| Mississippi | 12 | 56,189 | 180,645 | 814,530 | 258,538 | 900,084 | 2,209,987 |

No. 23.—Classification of the LOANS and DISCOUNTS of the NATIONAL BANKS in the Reserve Cities and in the States and Territories on October 3, 1893—Continued.

| Cities, States, and Territories. | No. of banks. | On demand, paper with one or more individual or firm names. | On demand, secured by stocks, bonds, and other personal securities. | On time, paper with two or more individual or firm names. | On time, single-name paper (one person or firm) without other security | On time, secured by stocks, bonds, and other personal securities, or on mortgages or other real estate security. | Total. |
|---|---|---|---|---|---|---|---|
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Louisiana | 11 | 107,948 | 78,468 | 1,067,379 | 457,916 | 392,497 | 2,104,210 |
| Texas | 222 | 1,784,924 | 907,455 | 17,219,871 | 10,671,117 | 11,551,703 | 42,135,072 |
| Arkansas | 9 | 72,147 | 145,215 | 1,069,040 | 221,802 | 593,135 | 2,101,342 |
| Kentucky | 71 | 842,650 | 398,536 | 13,061,163 | 1,272,609 | 3,229,458 | 18,804,418 |
| Tennessee | 52 | 1,157,011 | 1,510,908 | 8,985,311 | 2,329,403 | 4,201,562 | 18,134,197 |
| Ohio | 218 | 1,767,944 | 1,806,383 | 43,742,819 | 7,437,069 | 9,569,503 | 64,323,721 |
| Indiana | 115 | 2,197,304 | 879,093 | 20,351,975 | 3,444,594 | 3,970,170 | 30,843,138 |
| Illinois | 191 | 4,763,706 | 1,949,180 | 22,050,536 | 6,987,487 | 6,566,527 | 42,317,438 |
| Michigan | 92 | 1,291,276 | 799,932 | 17,688,942 | 4,874,065 | 3,656,072 | 28,310,300 |
| Wisconsin | 76 | 988,452 | 926,432 | 12,872,584 | 2,484,641 | 2,742,497 | 20,014,607 |
| Iowa | 165 | 2,177,433 | 876,143 | 14,485,546 | 7,234,609 | 6,712,299 | 31,486,032 |
| Minnesota | 65 | 741,646 | 572,511 | 7,216,611 | 2,969,406 | 3,747,170 | 15,247,345 |
| Missouri | 57 | 345,543 | 128,578 | 5,450,724 | 1,042,689 | 1,423,296 | 8,390,834 |
| Kansas | 136 | 432,815 | 280,805 | 7,132,738 | 3,388,113 | 8,438,242 | 19,672,715 |
| Nebraska | 121 | 798,143 | 415,113 | 7,941,831 | 2,762,377 | 4,228,115 | 16,145,581 |
| Colorado | 51 | 1,846,115 | 1,461,441 | 7,691,255 | 5,604,843 | 5,274,871 | 21,878,028 |
| Nevada | 2 | 288,243 | 54,368 | 48,913 | 96,948 | 47,512 | 535,986 |
| California | 33 | 2,793,379 | 1,843,779 | 2,910,787 | 1,136,862 | 1,890,104 | 10,574,913 |
| Oregon | 39 | 1,914,126 | 1,019,477 | 2,718,227 | 2,375,345 | 1,372,176 | 9,399,353 |
| Arizona | 5 | 57,161 | 43,967 | 194,667 | 46,299 | 133,238 | 475,334 |
| North Dakota | 32 | 168,306 | 219,970 | 952,504 | 644,154 | 3,830,987 | 5,815,874 |
| South Dakota | 39 | 161,106 | 146,071 | 1,044,351 | 786,436 | 2,321,888 | 4,459,854 |
| Idaho | 13 | 323,003 | 100,717 | 688,963 | 207,916 | 274,046 | 1,594,647 |
| Montana | 22 | 1,280,205 | 121,444 | 2,997,362 | 2,509,782 | 1,022,311 | 7,931,056 |
| New Mexico | 10 | 114,120 | 68,875 | 693,944 | 465,803 | 280,954 | 1,623,696 |
| Utah | 14 | 418,147 | 207,314 | 1,478,276 | 860,899 | 1,446,352 | 4,410,989 |
| Washington | 57 | 1,652,676 | 1,135,615 | 4,794,420 | 1,625,941 | 3,010,367 | 12,219,021 |
| Wyoming | 13 | 56,804 | 35,734 | 814,942 | 812,527 | 740,776 | 2,460,786 |
| Oklahoma | 6 | 29,947 | ..... | 165,430 | 49,963 | 86,267 | 331,608 |
| Indian Territory | 6 | 922 | ..... | 308,041 | 105,494 | 87,329 | 501,788 |
| Total of country banks | 3,434 | 52,576,784 | 75,118,992 | 562,082,320 | 136,125,133 | 164,935,738 | 990,838,968 |
| Total United States a | 3,781 | 91,087,210 | 256,117,281 | 920,280,115 | 244,687,123 | 318,495,617 | 1,830,667,349 |

a Cents not included.

## No. 24.—Amount of RESOURCES and LIABILITIES of SAVINGS BANKS in the United States from 1882 to 1893, inclusive.

[From the Reports of the Comptroller of the Currency.]

| Resources and liabilities. | 1881–'82. | 1882–'83. | 1883–'84. | 1884–'85. | 1885–'86. | 1886–'87. |
|---|---|---|---|---|---|---|
| | 629 banks. | 630 banks. | 636 banks. | 646 banks. | 638 banks. | 684 banks. |
| RESOURCES. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Loans on real estate | 307, 089, 227 | 328, 197, 858 | 358, 686, 040 | 389, 953, 928 | 418, 372, 642 | 457,441,666 |
| Loans on other securities | 128, 483, 698 | 155, 874, 522 | 141, 457, 111 | 133, 716, 902 | 127, 677, 702 | 133,457,952 |
| United States bonds | 237, 786, 442 | 219, 017, 313 | 196, 226, 202 | 191, 980, 698 | 197, 171, 307 | 180,248,754 |
| State and other stocks and bonds | 206, 291, 274 | 190, 629, 915 | 222, 218, 006 | 228, 993, 250 | 241, 051, 536 | 266,449,042 |
| Railroad bonds and stocks | 32, 994, 578 | 41, 695, 701 | 50, 994, 579 | 59, 585, 489 | 63, 511, 735 | 74,408,931 |
| Bank stock | 35, 365, 717 | 36, 587, 317 | 37, 929, 754 | 38, 460, 603 | 39, 029, 813 | 40,067,680 |
| Real estate | 29, 882, 429 | 27, 224, 601 | 24, 467, 276 | 22, 174, 810 | 30, 264, 886 | 29,639,750 |
| Other investments | 11, 047, 346 | 58, 235, 771 | 69, 166, 584 | 68, 445, 304 | 79, 451, 562 | 71,070,567 |
| Expenses | 132, 204 | 144, 223 | 156, 944 | 166, 636 | 142, 717 | 1,761,450 |
| Due from banks | 38, 977, 135 | 43, 184, 629 | 52, 358, 971 | 46, 125, 014 | 43, 689, 103 | 55,109,727 |
| Cash | 14, 932, 015 | 12, 998, 594 | 14, 079, 452 | 18, 423, 064 | 19, 757, 941 | 18,005,235 |
| Total | 1, 052, 982, 065 | 1, 118, 790, 944 | 1, 177, 740, 919 | 1, 203, 025, 698 | 1, 260, 840, 941 | 1,377,660,724 |
| LIABILITIES. | | | | | | |
| Deposits | 966, 797, 081 | 1, 024, 856, 787 | 1, 073, 294, 955 | 1, 095, 172, 147 | 1, 141, 530, 578 | 1,235,736,069 |
| Surplus fund | 69, 454, 512 | 72, 784, 155 | 82, 395, 717 | 88, 647, 315 | 96, 224, 117 | 119,695,310 |
| Undivided profits | 11, 136, 219 | 15, 738, 223 | 16, 904, 753 | 13, 106, 359 | 15, 326, 391 | 7,204,933 |
| Other liabilities | 5, 594, 253 | 5, 411, 779 | 5, 145, 494 | 6, 099, 877 | 7, 059, 855 | 15,024,412 |
| Total | 1, 052, 982, 065 | 1, 118, 790, 944 | 1, 177, 740, 919 | 1, 203, 025, 698 | 1, 260, 840, 941 | 1,377,660,724 |

| Resources and liabilities. | 1887–'88. | 1888–'89. | 1889–'90. | 1890–'91. | 1891–'92. | 1892–'93. |
|---|---|---|---|---|---|---|
| | 801 banks. | 849 banks. | 921 banks. | 1,011 banks. | 1,059 banks. | |
| RESOURCES. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Loans on real estate | 501, 067, 089 | 567, 373, 144 | 634, 229, 417 | 687, 583, 977 | 714, 832, 576 | 763, 579, 965 |
| Loans on other securities | 242, 987, 126 | 235, 367, 741 | 252, 622, 696 | 292, 099, 452 | 309, 213, 962 | 283, 690, 498 |
| United States bonds | 133, 527, 275 | 158, 923, 630 | 148, 582, 838 | 139, 267, 945 | 133, 344, 199 | 129, 610, 783 |
| State and other stocks and bonds | 342, 110, 761 | 381, 958, 883 | 415, 494, 737 | 428, 242, 640 | 464, 286, 978 | 503, 775, 897 |
| Railroad bonds and stocks | 89, 715, 358 | 101, 443, 381 | 110, 405, 678 | 115, 991, 821 | 131, 215, 829 | 121, 519, 071 |
| Bank stock | 41, 196, 166 | 42, 263, 654 | 43, 735, 762 | 45, 088, 830 | 43, 688, 739 | 44, 466, 735 |
| Real estate | 28, 989, 343 | 29, 652, 572 | 30, 211, 272 | 30, 438, 232 | 33, 097, 998 | 34, 615, 359 |
| Other investments | 12, 099, 050 | 13, 572, 178 | 11, 356, 193 | 14, 502, 451 | 18, 748, 297 | 11, 804, 470 |
| Expenses | 475, 407 | 598, 924 | 753, 963 | 971, 266 | 832, 059 | 748, 432 |
| Due from banks | 57, 103, 157 | 61, 534, 576 | 65, 126, 477 | 70, 660, 882 | 81, 576, 253 | 83, 007, 108 |
| Cash | 21, 565, 317 | 29, 928, 532 | 30, 147, 978 | 29, 720, 473 | 33, 208, 271 | 36, 956, 824 |
| Total | 1, 519, 936, 049 | 1, 622, 612, 215 | 1, 742, 617, 001 | 1, 854, 517, 069 | 1, 964, 044, 861 | 2, 013, 775, 147 |
| LIABILITIES. | | | | | | |
| Deposits | 1, 364, 196, 550 | 1, 425, 280, 349 | 1, 550, 023, 956 | 1, 654, 826, 142 | 1, 758, 329, 618 | 1, 808, 800, 262 |
| Surplus fund | 109, 636, 940 | 127, 225, 583 | 133, 762, 883 | 139, 042, 098 | 132, 880, 724 | 137, 456, 126 |
| Undivided profits | 28, 059, 342 | 19, 845, 238 | 23, 774, 766 | 25, 815, 395 | 27, 448, 960 | 26, 177, 344 |
| Other liabilities | 23, 043, 217 | 50, 311, 105 | 36, 055, 396 | 43, 833, 434 | 45, 385, 559 | 41, 341, 415 |
| Total | 1, 519, 936, 049 | 1, 622, 612, 215 | 1, 742, 617, 001 | 1, 854, 517, 069 | 1, 964, 044, 861 | 2, 013, 775, 147 |

No. 25.—AGGREGATE SAVINGS DEPOSITS OF SAVINGS BANKS, WITH THE NUMBER OF THE DEPOSITORS AND THE AVERAGE AMOUNT DUE TO EACH BY STATES, TERRITORIES AND GEOGRAPHICAL DIVISIONS, IN 1891–'92 AND 1892–'93.

| States, Territories and Divisions. | 1891–'92. | | | 1892–'93. | | |
|---|---|---|---|---|---|---|
| | Number of depositors. | Amount of deposits. | Average to each depositor. | Number of depositors. | Amount of deposits. | Average to each depositor. |
| EASTERN. | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* |
| Maine | 146,668 | 50,278,452 | 342.80 | 155,333 | 53,397,950 | 343.76 |
| New Hampshire | 169,949 | 72,439,660 | 426.24 | 174,654 | 74,377,279 | 425.85 |
| Vermont | 80,740 | 24,674,742 | 305.60 | 89,115 | 27,262,980 | 305.93 |
| Massachusetts | 1,131,203 | 369,526,386 | 326.67 | 1,189,936 | 393,019,862 | 330.29 |
| Rhode Island | 136,648 | 66,276,157 | 485.01 | 142,492 | 69,996,993 | 490.60 |
| Connecticut | 317,925 | 122,582,160 | 385.57 | 331,061 | 130,686,729 | 394.75 |
| Total | 1,983,133 | 705,777,557 | 355.89 | 2,082,591 | 748,651,743 | 359.48 |
| MIDDLE. | | | | | | |
| New York | 1,516,289 | 568,425,421 | 388.07 | 1,593,804 | 629,358,274 | 349.88 |
| New Jersey | 131,739 | 33,807,634 | 256.62 | 140,772 | 36,488,246 | 259.20 |
| Pennsylvania | 248,471 | 65,233,993 | 262.54 | 252,980 | 66,417,794 | 262.54 |
| Delaware | 17,318 | 3,626,319 | 209.39 | 18,613 | 3,739,483 | 200.90 |
| Maryland | 142,135 | 41,977,868 | 295.34 | 147,462 | 44,495,128 | 301.74 |
| District of Columbia | 1,303 | 60,178 | 46.18 | 1,400 | 74,729 | 53.38 |
| Total | 2,057,255 | 733,131,413 | 356.36 | 2,155,031 | 780,573,655 | 362.21 |
| SOUTHERN. | | | | | | |
| West Virginia | 8,428 | 473,843 | 56.23 | *5,149 | 237,707 | 46.16 |
| North Carolina | 6,247 | 282,425 | 45.21 | 6,112 | 301,234 | 49.28 |
| South Carolina | 21,397 | 4,225,459 | 197.48 | 24,422 | 5,918,139 | 242.13 |
| Georgia | 4,569 | 572,523 | 125.30 | *3,494 | 1,004,765 | 118.29 |
| Florida | 170 | 31,912 | 187.73 | *1,321 | 219,448 | 166.13 |
| Alabama | 1,698 | 220,046 | 129.59 | 1,848 | 73,032 | 39.52 |
| Louisiana | 5,557 | 1,695,732 | 305.15 | 6,507 | 2,008,354 | 307.95 |
| Texas | 1,950 | 279,783 | 143.48 | 2,583 | 356,553 | 138.04 |
| Arkansas | 258 | 51,854 | 200.10 | 844 | 123,451 | 146.27 |
| Tennessee | a16,392 | 1,292,913 | 78.87 | *14,126 | 1,778,174 | 125.88 |
| Total | 66,666 | 9,126,495 | 136.89 | 71,406 | 12,011,357 | 168.21 |
| WESTERN. | | | | | | |
| Ohio | 84,779 | 33,895,078 | 399.80 | 85,614 | 34,606,212 | 404.21 |
| Indiana | 15,418 | 3,754,622 | 243.52 | 16,127 | 4,073,131 | 252.56 |
| Illinois | a73,872 | 21,106,369 | 285.72 | *84,961 | 23,498,504 | 276.90 |
| Michigan | 180,391 | 36,959,573 | 204.88 | ..... | ..... | ..... |
| Wisconsin | 948 | 138,926 | 146.55 | 1,164 | 184,698 | 158.67 |
| Iowa | a71,687 | 26,115,384 | 364.29 | *73,106 | 26,426,031 | 361.46 |
| Minnesota | 35,123 | 8,786,879 | 250.17 | 42,212 | 10,658,564 | 252.50 |
| Total | 462,218 | 130,756,831 | 282.89 | 303,086 | 99,447,141 | 328.11 |
| PACIFIC STATES AND TERRITORIES. | | | | | | |
| Oregon | ..... | ..... | ..... | *2,461 | 683,620 | 277.78 |
| Colorado | a21,215 | 2,893,276 | 136.38 | *11,639 | 2,217,547 | 190.52 |
| Utah | a13,596 | 2,427,950 | 178.56 | 22,815 | 2,935,849 | 128.66 |
| Montana | ..... | ..... | ..... | 1,736 | 423,243 | 243.80 |
| New Mexico | 900 | 149,449 | 166.05 | 885 | 186,923 | 211.21 |
| Washington | a8,955 | 1,193,967 | 133.33 | ..... | ..... | ..... |
| California | a167,667 | 127,312,088 | 759.32 | *178,949 | 133,019,574 | 771.28 |
| Total | 212,333 | 133,976,730 | 630.97 | 218,485 | 144,467,061 | 661.22 |
| Total United States | 4,781,605 | 1,712,769,026 | 358.20 | 4,830,599 | 1,785,150,957 | 369.55 |

a Partially estimated.

## No. 26.—Amount of EXCHANGES of the CLEARING HOUSES of the United States for each Year from 1887 to 1893, inclusive.

[From the Annual Reports of the Comptroller of the Currency, derived from data furnished by the New York Clearing House.]

| Locality of clearing houses. | Year ending September 30— | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| NEW ENGLAND. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Boston | 4, 408, 269, 968 | 4, 288, 878, 016 | 4, 756, 029, 299 | 5, 102, 281, 307 | 4, 796, 594, 052 | 4, 901, 096, 976 | 4, 864, 778, 750 |
| Hartford | 88, 871, 078 | 88, 625, 691 | 97, 132, 018 | 105, 769, 731 | 104, 306, 617 | 109, 748, 541 | 117, 542, 969 |
| Lowell | 31, 670, 050 | 32, 966, 992 | 34, 332, 319 | 37, 531, 052 | 41, 114, 780 | 42, 736, 155 | 36, 918, 580 |
| New Bedford | | | | | 23, 282, 923 | 24, 138, 424 | 25, 470, 283 |
| New Haven | 68, 981, 825 | 60, 704, 619 | 62, 460, 840 | 68, 790, 472 | 70, 343, 940 | 74, 492, 129 | 77, 502, 994 |
| Portland, Me | 49, 568, 652 | 50, 156, 342 | 53, 970, 296 | 60, 469, 629 | 62, 512, 780 | 62, 605, 687 | 67, 649, 013 |
| Providence | 240, 838, 100 | 248, 135, 800 | 256, 769, 700 | 266, 073, 300 | 276, 980, 218 | 290, 637, 800 | 305, 593, 800 |
| Springfield | 50, 593, 291 | 56, 283, 130 | 61, 031, 397 | 64, 871, 110 | 68, 634, 286 | 68, 875, 781 | 72, 405, 148 |
| Worcester | 47, 197, 687 | 51, 286, 739 | 54, 868, 289 | 59, 239, 812 | 61, 714, 694 | 64, 732, 396 | 68, 814, 169 |
| Total | 4, 961, 960, 176 | 4, 877, 156, 720 | 5, 378, 585, 609 | 5, 763, 626, 404 | 5, 500, 474, 290 | 5, 639, 061, 889 | 5, 636, 676, 706 |
| MIDDLE. | | | | | | | |
| Binghamton | | | | | | | 14, 883, 300 |
| Buffalo | | | | 304, 774, 020 | 396, 012, 271 | 409, 405, 192 | 415, 229, 127 |
| New York | 34, 372, 843, 786 | 30, 263, 686, 609 | 34, 796, 465, 529 | 37, 690, 636, 572 | 34, 053, 698, 770 | 36, 279, 905, 286 | 34, 421, 379, 870 |
| Philadelphia | 3, 136, 188, 985 | 3, 155, 190, 227 | 3, 668, 592, 024 | 3, 755, 523, 735 | 3, 372, 915, 551 | 3, 671, 149, 047 | 3, 656, 677, 140 |
| Pittsburg | 490, 319, 705 | 566, 135, 994 | 629, 665, 173 | 763, 287, 331 | 699, 447, 763 | 743, 635, 256 | 711, 547, 291 |
| Rochester | | | | a 30, 519, 511 | 75, 781, 369 | 77, 594, 997 | 81, 962, 509 |
| Syracuse | 28, 596, 703 | 33, 345, 318 | 38, 171, 027 | 40, 011, 258 | 44, 994, 345 | 47, 887, 537 | 50, 762, 963 |
| Total | 38, 577, 954, 184 | 34, 018, 358, 158 | 36, 127, 893, 753 | 41, 559, 802, 427 | 38, 632, 760, 068 | 41, 229, 377, 365 | 39, 353, 142, 220 |
| WESTERN. | | | | | | | |
| Cincinnati | 864, 377, 200 | 818, 620, 450 | 856, 632, 450 | 625, 679, 650 | 655, 896, 900 | 726, 711, 350 | 672, 051, 000 |
| Cleveland | 160, 010, 840 | 160, 430, 904 | 185, 771, 347 | 249, 291, 151 | 264, 540, 195 | 267, 324, 716 | 291, 500, 363 |
| Columbus | 83, 311, 425 | 113, 647, 539 | 62, 140, 305 | 73, 134, 414 | 157, 559, 560 | 177, 384, 700 | 171, 068, 700 |
| Detroit | 183, 629, 384 | 218, 635, 251 | 239, 978, 967 | 266, 962, 986 | 319, 737, 141 | 347, 737, 532 | 353, 556, 369 |
| Grand Rapids | 25, 229, 596 | 31, 025, 179 | 32, 897, 369 | 37, 066, 070 | 42, 265, 678 | 45, 622, 342 | 46, 344, 228 |

a For six months.

## 26.—Amount of exchanges of the clearing houses of the United States for each year from [illegible] inclusive—Continued.

| Locality of clearing houses. | Year ending September 30— | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| WESTERN—continued. | | | | | | | |
| Indianapolis | 87,149,510 | 99,576,811 | 94,205,807 | 105,155,391 | 103,555,886 | 118,616,527 | 64,111,581 |
| Lexington | | | | | 16,581,941 | a 24,352,988 | 20,392,202 |
| Louisville | 269,786,547 | 295,711,094 | 342,164,686 | 399,788,212 | 367,501,443 | 368,698,812 | 356,861,823 |
| Total | 1,349,494,504 | 1,437,707,328 | 1,510,790,825 | 1,777,697,874 | 1,918,638,634 | 2,101,449,017 | 1,985,389,216 |
| NORTHWESTERN. | | | | | | | |
| Chicago | 2,887,276,059 | 3,089,288,194 | 3,527,108,659 | 3,907,046,008 | 4,338,693,167 | 4,959,861,142 | 4,970,913,887 |
| Des Moines | | | 89,420,117 | 97,053,040 | 88,290,778 | 49,972,363 | 50,334,184 |
| Duluth | | 113,280,043 | | | 102,676,553 | 93,418,428 | 103,447,519 |
| Lincoln | 240,127,909 | | | | 28,237,989 | | 29,010,186 |
| Milwaukee | 184,700,022 | 222,609,808 | 249,199,173 | 317,934,934 | 338,884,381 | 82,235,901 | 377,740,215 |
| Minneapolis | 137,220,535 | 204,040,477 | 230,626,745 | 286,093,084 | 343,247,803 | 353,849,753 | 377,785,380 |
| Omaha | 55,006,344 | 166,007,003 | 201,250,166 | 245,062,456 | 218,446,893 | 427,287,201 | 315,244,799 |
| Peoria | | 67,296,258 | 77,111,095 | 80,323,353 | 88,619,276 | 271,668,937 | 88,318,396 |
| Sioux City | | | 19,175,915 | 45,518,240 | 50,557,862 | 95,873,112 | 50,675,522 |
| St. Paul | 200,364,307 | 194,026,801 | 202,076,602 | 225,649,306 | 227,802,178 | 54,367,936 | 237,137,633 |
| Total | 3,704,695,176 | 4,056,548,584 | 4,395,968,472 | 5,204,675,421 | 5,775,456,875 | 271,350,612 | 6,600,607,220 |
| SOUTHWESTERN. | | | | | | 6,609,880,385 | |
| [illegible] City | 330,407,069 | 382,284,073 | 449,859,094 | 487,707,505 | 451,745,155 | 494,906,182 | 507,454,919 |
| | 94,241,496 | 105,908,056 | 126,212,462 | 130,782,371 | 127,810,014 | 146,387,378 | 98,939,078 |
| | | | | | 79,833,817 | a 96,295,409 | 81,973,258 |
| | 67,239,183 | 69,449,822 | 68,396,902 | 75,104,219 | 77,661,162 | 89,814,345 | 93,918,878 |
| | | 396,812,201 | 961,804,684 | 1,094,037,686 | 1,124,230,218 | 1,211,370,719 | 1,188,378,457 |
| | | | 19,578,522 | 18,701,550 | 19,921,416 | 20,512,044 | 19,951,283 |
| | | | | 38,223,219 | 37,849,364 | 27,566,180 | 24,909,142 |
| | | | | | 1,908,651,146 | 2,080,852,213 | 2,015,525,020 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SOUTHERN. | | | | | | | |
| Baltimore | 665, 676, 756 | 614, 399, 374 | 643, 238, 796 | 740, 065, 768 | 724, 710, 877 | 772, 435, 133 | 737, 568, 241 |
| Birmingham | | | | | | | 22, 273, 145 |
| Chattanooga | | | | | 17, 872, 000 | a 22, 684, 000 | 19, 329, 230 |
| Dallas | | | | | 53, 267, 780 | 49, 298, 231 | 51, 440, 379 |
| Fort Worth | | | | | 37, 042, 947 | 28, 841, 335 | 29, 850, 743 |
| Galveston | 63, 182, 557 | 57, 165, 444 | 71, 865, 672 | 92, 661, 126 | 204, 153, 201 | 141, 965, 866 | 152, 848, 438 |
| Houston | | | | | 163, 893, 754 | 102, 715, 486 | 130, 136, 394 |
| New Orleans | 412, 231, 400 | 450, 792, 897 | 488, 017, 828 | 525, 248, 294 | 532, 110, 104 | 488, 931, 000 | 523, 996, 645 |
| Waco | | | | | | | 32, 197, 057 |
| Norfolk | 40, 016, 228 | 44, 877, 181 | 43, 168, 168 | 43, 331, 055 | 56, 710, 906 | 53, 409, 229 | 47, 112, 879 |
| Richmond | | 83, 493, 221 | 105, 556, 028 | 112, 231, 239 | 117, 390, 654 | | 119, 978, 116 |
| Washington, D. C | | | | | 88, 173, 984 | 98, 005, 354 | 104, 721, 163 |
| Wilmington | | | | | 42, 482, 889 | 44, 573, 069 | 46, 904, 288 |
| Total | 1, 181, 107, 036 | 1, 250, 728, 117 | 1, 351, 946, 432 | 1, 513, 537, 572 | 2, 137, 809, 045 | 1, 801, 878, 688 | 2, 018, 350, 732 |
| PACIFIC, ETC. | | | | | | | |
| Denver | 110, 240, 167 | 127, 579, 797 | 191, 319, 110 | 249, 905, 649 | 228, 393, 982 | 259, 519, 344 | 221, 784, 526 |
| Los Angeles | | 63, 050, 981 | 86, 873, 242 | 81, 019, 272 | 37, 097, 422 | 40, 027, 896 | 45, 219, 721 |
| Portland, Oreg | | | | | 76, 416, 974 | a 108, 903, 862 | 90, 561, 073 |
| Salt Lake City | | | | | 80, 845, 166 | 89, 463, 682 | 70, 692, 022 |
| San Francisco | 800, 092, 859 | 823, 436, 263 | 848, 571, 603 | 846, 173, 025 | 905, 864, 727 | 833, 617, 126 | 752, 949, 706 |
| Seattle | | | | 54, 929, 251 | 51, 945, 910 | 52, 386, 784 | 48, 236, 447 |
| Tacoma | | | | | 50, 383, 690 | 47, 154, 237 | 42, 521, 726 |
| Total | 910, 333, 026 | 1, 014, 067, 041 | 1, 076, 763, 955 | 1, 182, 027, 197 | 1, 424, 947, 871 | 1, 431, 072, 881 | 1, 271, 985, 351 |
| Grand total | 52, 126, 704, 488 | 48, 750, 896, 813 | 52, 501, 411, 510 | 58, 845, 279, 505 | 57, 298, 737, 938 | 60, 883, 572, 438 | 58, 380, 682, 455 |
| Increase +; Decrease — | +3, 915, 060, 717 | —3, 375, 817, 675 | +4, 750, 534, 697 | +5, 343, 867, 995 | —1, 546, 541, 567 | +3, 584, 834, 500 | —2, 002, 889, 983 |

a For nine months.

## No. 27.—COINAGE OF THE UNITED STATES MINTS FROM 1840 TO 1893, INCLUSIVE.

[From the Report of the Director of the Mint.]

| Calendar years. | TOTAL COINAGE. | | | |
|---|---|---|---|---|
| | Gold. | Silver. | Minor. | Total. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1840 | 1,675,482.50 | 1,726,703.00 | 24,627.00 | 3,426,812.50 |
| 1841 | 1,091,857.50 | 1,132,750.00 | 15,973.67 | 2,240,581.17 |
| 1842 | 1,629,407.50 | 2,332,750.00 | 23,832.90 | 4,185,991.40 |
| 1843 | 8,108,797.50 | 3,834,750.00 | 24,283.20 | 11,967,830.70 |
| 1844 | 5,427,670.00 | 2,235,550.00 | 23,987.52 | 7,687,207.52 |
| 1845 | 3,756,447.50 | 1,873,200.00 | 38,948.04 | 5,668,595.54 |
| 1846 | 4,084,177.50 | 2,558,580.00 | 41,208.00 | 6,683,965.50 |
| 1847 | 20,202,325.00 | 2,374,450.00 | 61,836.69 | 22,638,611.69 |
| 1848 | 3,775,512.50 | 2,040,050.00 | 64,157.99 | 5,879,720.49 |
| 1849 | 9,087,761.50 | 2,114,950.00 | 41,984.32 | 11,164,695.82 |
| 1850 | 31,981,738.50 | 1,866,100.00 | 44,467.50 | 33,892,306.00 |
| 1851 | 62,614,492.50 | 774,397.00 | 99,635.43 | 63,488,524.93 |
| 1852 | 56,846,187.50 | 999,410.00 | 50,630.94 | 57,896,228.44 |
| 1853 | 39,377,999.00 | 9,077,571.00 | 67,059.78 | 48,522,539.78 |
| 1854 | 25,915,962.50 | 8,619,270.00 | 42,638.35 | 34,577,870.85 |
| 1855 | 29,387,968.00 | 3,501,245.00 | 16,030.79 | 32,905,243.79 |
| 1856 | 36,857,768.50 | 5,142,240.00 | 27,106.78 | 42,027,115.28 |
| 1857 | 32,214,040.00 | 5,478,760.00 | 178,010.46 | 37,870,810.46 |
| 1858 | 22,938,413.50 | 8,495,870.00 | 346,000.00 | 31,679,783.50 |
| 1859 | 14,780,570.00 | 3,284,450.00 | 364,000.00 | 18,429,020.00 |
| 1860 | 23,473,654.00 | 2,259,890.00 | 205,660.00 | 25,938,704.00 |
| 1861 | 33,395,530.00 | 3,783,740.00 | 101,000.00 | 37,280,270.00 |
| 1862 | 20,875,907.50 | 1,253,516.50 | 280,750.00 | 22,409,264.00 |
| 1863 | 22,445,482.00 | 809,267.80 | 496,400.00 | 23,753,149.80 |
| 1864 | 20,081,415.00 | 609,917.10 | 926,687.14 | 21,618,019.24 |
| 1865 | 28,295,107.50 | 691,005.00 | 968,552.36 | 23,954,665.36 |
| 1866 | 31,435,945.00 | 962,409.25 | 1,042,960.00 | 33,461,314.25 |
| 1867 | 23,628,625.00 | 908,876.25 | 1,819,910.00 | 26,557,411.25 |
| 1868 | 19,371,387.50 | 1,074,343.00 | 1,697,150.00 | 22,142,880.50 |
| 1869 | 17,582,987.50 | 1,266,143.00 | 963,060.00 | 19,812,130.50 |
| 1870 | 23,198,787.50 | 1,378,255.50 | 350,325.00 | 24,927,368.00 |
| 1871 | 21,032,685.00 | 3,104,088.30 | 99,890.00 | 24,236,613.30 |
| 1872 | 21,812,645.00 | 2,504,488.50 | 369,380.00 | 24,686,513.50 |
| 1873 | 57,022,747.50 | 4,024,747.60 | 379,455.00 | 61,426,950.10 |
| 1874 | 35,254,690.00 | 6,851,776.70 | 342,475.00 | 42,448,881.70 |
| 1875 | 32,951,940.00 | 15,347,893.00 | 246,970.00 | 48,546,803.00 |
| 1876 | 46,579,452.50 | 24,503,307.50 | 210,800.00 | 71,293,560.00 |
| 1877 | 43,999,864.00 | 28,393,045.50 | 8,535.00 | 72,401,434.50 |
| 1878 | 49,786,052.00 | 23,518,850.00 | 53,186.50 | 73,363,088.50 |
| 1879 | 39,080,080.00 | 27,569,776.00 | 165,003.00 | 66,814,859.00 |
| 1880 | 62,308,279.00 | 27,411,693.75 | 391,395.95 | 90,111,368.70 |
| 1881 | 96,850,890.00 | 27,940,163.75 | 428,151.75 | 125,219,205.50 |
| 1882 | 65,887,685.00 | 27,973,132.00 | 960,400.00 | 94,821,217.00 |
| 1883 | 29,241,990.00 | 29,246,968.45 | 1,604,770.41 | 60,093,728.86 |
| 1884 | 23,991,756.50 | 28,534,866.15 | 796,483.78 | 53,323,106.43 |
| 1885 | 27,773,012.50 | 28,962,176.20 | 191,632.04 | 56,926,810.74 |
| 1886 | 28,945,542.00 | 32,086,709.80 | 343,186.10 | 61,375,438.00 |
| 1887 | 23,972,383.00 | 35,191,081.40 | 1,215,686.26 | 60,379,150.66 |
| 1888 | 31,380,808.00 | 33,025,606.45 | 912,206.78 | 65,318,615.23 |
| 1889 | 21,413,931.00 | 35,496,683.15 | 1,283,408.49 | 58,194,022.64 |
| 1890 | 20,467,182.50 | 39,202,908.20 | 1,384,792.14 | 61,054,882.84 |
| 1891 | 29,222,005.00 | 27,518,856.60 | 1,312,441.00 | 58,053,302.60 |
| 1892 | 34,787,222.50 | 12,641,078.00 | 961,480.42 | 48,389,780.92 |
| January 1 to June 30, 1893 | 16,396,232.50 | 6,022,852.00 | 632,775.90 | 23,041,860.40 |

## No. 28.—Coining value of the GOLD and SILVER PRODUCED from Mines in the United States since 1792.

[The estimate from 1792 to 1873, inclusive, is by R. W. Raymond, U. S. Commissioner of Mining Statistics, and since by the Director of the Mint.]

| Years. | Gold. | | | Silver. | Total. |
|---|---|---|---|---|---|
| | California. | Other States and Territories. | Total. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Apr. 2, 1792—July 31, 1834 | ..... | 14, 000, 000 | 14, 000, 000 | Insignificant. | 14, 000, 000 |
| July 31, 1834—Dec. 31, 1844 | ..... | 7, 500, 000 | 7, 500, 000 | 250, 000 | 7, 750, 000 |
| 1845 | ..... | 1, 008, 329 | 1, 008, 327 | 50, 000 | 1, 058, 327 |
| 1846 | ..... | 1, 139, 357 | 1, 139, 357 | 50, 000 | 1, 189, 357 |
| 1847 | ..... | 889, 085 | 889, 085 | 50, 000 | 939, 085 |
| 1848 | 10, 000, 000 | ..... | 10, 000, 000 | 50, 000 | 10, 050, 000 |
| 1849 | 40, 000, 000 | ..... | 40, 000, 000 | 50, 000 | 40, 050, 000 |
| 1850 | 50, 000, 000 | ..... | 50, 000, 000 | 50, 000 | 50, 050, 000 |
| 1851 | 55, 000, 000 | ..... | 55, 000, 000 | 50, 000 | 55, 050, 000 |
| 1852 | 60, 000, 000 | ..... | 60, 000, 000 | 50, 000 | 60, 050, 000 |
| 1853 | 65, 000, 000 | ..... | 65, 000, 000 | 50, 000 | 65, 050, 000 |
| 1854 | 60, 000, 000 | ..... | 60, 000, 000 | 50, 000 | 60, 050, 000 |
| 1855 | 55, 000, 000 | ..... | 55, 000, 000 | 50, 000 | 55, 050, 000 |
| 1856 | 55, 000, 000 | ..... | 55, 000, 000 | 50, 000 | 55, 050, 000 |
| 1857 | 55, 000, 000 | ..... | 55, 000, 000 | 50, 000 | 55, 050, 000 |
| 1858 | 50, 000, 000 | ..... | 50, 000, 000 | 500, 000 | 50, 500, 000 |
| 1859 | 50, 000, 000 | ..... | 50, 000, 000 | 100, 000 | 50, 100, 000 |
| 1860 | 45, 000, 000 | 1, 000, 000 | 46, 000, 000 | 150, 000 | 46, 150, 000 |
| 1861 | 40, 000, 000 | 3, 000, 000 | 43, 000, 000 | 2, 000, 000 | 45, 000, 000 |
| 1862 | 34, 700, 000 | 4, 500, 000 | 39, 200, 000 | 4, 500, 000 | 43, 700, 000 |
| 1863 | 30, 000, 000 | 10, 000, 000 | 40, 000, 000 | 8, 500, 000 | 48, 500, 000 |
| 1864 | 26, 600, 000 | 19, 500, 000 | 46, 100, 000 | 11, 000, 000 | 57, 100, 000 |
| 1865 | 28, 500, 000 | 24, 725, 000 | 53, 225, 000 | 11, 250, 000 | 64, 475, 000 |
| 1866 | 25, 500, 000 | 28, 000, 000 | 53, 500, 000 | 10, 000, 000 | 63, 500, 000 |
| 1867 | 25, 000, 000 | 26, 725, 000 | 51, 725, 000 | 13, 500, 000 | 65, 225, 000 |
| 1868 | 22, 000, 000 | 26, 000, 000 | 48, 000, 000 | 12, 000, 000 | 60, 000, 000 |
| 1869 | 22, 500, 000 | 27, 000, 000 | 49, 500, 000 | 12, 000, 000 | 61, 500, 000 |
| 1870 | 25, 000, 000 | 25, 000, 000 | 50, 000, 000 | 16, 000, 000 | 66, 000, 000 |
| 1871 | 20, 000, 000 | 23, 500, 000 | 43, 500, 000 | 23, 000, 000 | 66, 500, 000 |
| 1872 | 19, 000, 000 | 17, 000, 000 | 36, 000, 000 | 28, 750, 000 | 64, 750, 000 |
| 1873 | 17, 000, 000 | 19, 000, 000 | 36, 000, 000 | 35, 750, 000 | 71, 750, 000 |
| 1874 | 17, 500, 000 | 16, 000, 000 | 33, 500, 000 | 37, 300, 000 | 70, 800, 000 |
| 1875 | 17, 617, 000 | 15, 783, 000 | 33, 400, 000 | 31, 700, 000 | 65, 100, 000 |
| 1876 | 17, 000, 000 | 22, 900, 000 | 39, 900, 000 | 33, 800, 000 | 73, 700, 000 |
| 1877 | 15, 000, 000 | 31, 900, 000 | 46, 900, 000 | 39, 800, 000 | 86, 700, 000 |
| 1878 | 15, 300, 000 | 35, 900, 000 | 51, 200, 000 | 45, 200, 000 | 96, 400, 000 |
| 1879 | 16, 000, 000 | 22, 900, 000 | 38, 900, 000 | 40, 800, 000 | 79, 700, 000 |
| 1880 | 17, 500, 000 | 18, 500, 000 | 36, 000, 000 | 39, 200, 000 | 75, 200, 000 |
| 1881 | 18, 200, 000 | 16, 500, 000 | 34, 700, 000 | 42, 000, 000 | 77, 700, 000 |
| 1882 | 16, 800, 000 | 15, 700, 000 | 32, 500, 000 | 46, 800, 000 | 79, 300, 000 |
| 1883 | 14, 120, 000 | 15, 880, 000 | 30, 000, 000 | 46, 200, 000 | 76, 200, 000 |
| 1884 | 13, 600, 000 | 17, 200, 000 | 30, 800, 000 | 48, 800, 000 | 79, 600, 000 |
| 1885 | 12, 700, 000 | 19, 100, 000 | 31, 800, 000 | 51, 600, 000 | 83, 400, 000 |
| 1886 | 14, 725, 000 | 20, 275, 000 | 35, 000, 000 | 51, 000, 000 | 86, 000, 000 |
| 1887 | 13, 400, 000 | 19, 600, 000 | 33, 000, 000 | 53, 350, 000 | 86, 350, 000 |
| 1888 | 12, 750, 000 | 20, 425, 000 | 33, 175, 000 | 59, 195, 000 | 92, 370, 000 |
| 1889 | 13, 000, 000 | 19, 800, 000 | 32, 800, 000 | 64, 646, 000 | 97, 446, 000 |
| 1890 | 12, 500, 000 | 20, 345, 000 | 32, 845, 000 | 70, 464, 000 | 103, 309, 000 |
| 1891 | 12, 600, 000 | 20, 575, 000 | 33, 175, 000 | 75, 417, 000 | 108, 592, 000 |
| 1892 | 12, 000, 000 | 21, 015, 000 | 33, 015, 000 | 74, 995, 000 | 108, 010, 000 |
| Total | ..... | ..... | 1, 937, 896, 769 | 1, 148, 167, 000 | 3, 086, 963, 769 |

**No. 29.—Estimated PRODUCTION of GOLD and SILVER in the United States, by States and Territories (from official and other trustworthy sources), during the Calendar Years from 1888 to 1892, inclusive.**

[From the Reports of the Director of the Mint.]

| State or Territory. | 1888. | | | 1889. | | | 1890. | | | 1891. | | | 1892. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gold. | Silver. | Total. | Gold. | Silver. | Total. | Gold. | Silver. | Total. | Gold. | Silver. | Total. | Gold. | Silver. | Total. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Do llars.* | *Dollars.* | *Dollars.* |
| Alaska | 850,000 | 3,000 | 853,000 | 900,000 | 10,343 | 910,343 | 762,500 | 9,697 | 772,197 | 900,000 | 10,343 | 910,343 | 1,000,000 | 10,343 | 1,010,343 |
| Arizona | 871,500 | 3,000,000 | 3,871,500 | 900,000 | 1,939,393 | 2,839,393 | 1,000,000 | 1,292,929 | 2,292,929 | 975,000 | 1,913,535 | 2,888,535 | 1,070,000 | 1,373,375 | 2,443,375 |
| California | 12,750,000 | 1,400,000 | 14,150,000 | 13,000,000 | 1,034,343 | 14,034,343 | 12,500,000 | 1,163,636 | 13,663,636 | 12,600,000 | 969,697 | 13,569,697 | 12,000,000 | 465,455 | 12,465,455 |
| Colorado | 3,758,000 | 19,000,000 | 22,758,000 | 3,500,000 | 20,686,868 | 24,186,868 | 4,150,000 | 24,307,070 | 28,457,070 | 4,600,000 | 27,358,384 | 31,958,384 | 5,300,000 | 31,030,303 | 36,330,303 |
| Georgia | 104,000 | 500 | 104,500 | 107,000 | 465 | 107,465 | 100,000 | 517 | 100,517 | 80,000 | 517 | 80,517 | 94,734 | 517 | 95,251 |
| Idaho | 2,400,000 | 3,000,000 | 5,400,000 | 2,000,000 | 4,395,959 | 6,395,959 | 1,850,000 | 4,783,838 | 6,633,838 | 1,680,000 | 5,216,970 | 6,896,970 | 1,721,364 | 4,091,176 | 5,812,540 |
| Michigan | 42,000 | 84,000 | 126,000 | 70,000 | 77,575 | 147,575 | 90,000 | 71,111 | 161,111 | 75,000 | 94,384 | 169,384 | 70,000 | 77,576 | 147,576 |
| Montana | 4,200,000 | 17,000,000 | 21,200,000 | 3,500,000 | 19,393,939 | 22,893,939 | 3,300,000 | 20,363,636 | 23,663,636 | 2,890,000 | 21,139,394 | 24,029,394 | 2,891,386 | 22,432,323 | 25,323,709 |
| Nevada | 3,525,000 | 7,000,000 | 10,525,000 | 3,000,000 | 6,206,060 | 9,206,060 | 2,800,000 | 5,753,535 | 8,553,535 | 2,050,000 | 4,551,111 | 6,601,111 | 1,571,500 | 2,901,333 | 4,472,833 |
| New Mexico | 602,000 | 1,200,000 | 1,802,000 | 1,000,000 | 1,461,010 | 2,461,010 | 850,000 | 1,680,808 | 2,530,808 | 905,000 | 1,713,131 | 2,618,131 | 950,000 | 1,389,899 | 2,339,899 |
| North Carolina | 136,000 | 3,500 | 139,500 | 145,000 | 3,878 | 148,878 | 118,500 | 7,757 | 126,257 | 95,000 | 6,465 | 101,465 | 78,560 | 11,636 | 90,196 |
| Oregon | 825,000 | 15,000 | 840,000 | 1,200,000 | 38,787 | 1,238,787 | 1,100,000 | 96,969 | 1,196,969 | 1,640,000 | 297,374 | 1,937,374 | 1,400,000 | 64,646 | 1,464,646 |
| South Carolina | 39,000 | 200 | 39,200 | 45,000 | 232 | 45,232 | 100,000 | 517 | 100,517 | 125,000 | 646 | 125,646 | 123,365 | 517 | 123,882 |
| South Dakota | 2,600,000 | 100,000 | 2,700,000 | 2,900,000 | 64,646 | 2,964,646 | 3,200,000 | 129,292 | 3,329,292 | 3,550,000 | 129,293 | 3,679,293 | 3,700,000 | 77,576 | 3,777,576 |
| Texas | ..... | ..... | ..... | ..... | 300,000 | 300,000 | ..... | 387,878 | 387,878 | ..... | 484,848 | 484,848 | ..... | 400,808 | 400,808 |
| Utah | 290,000 | 7,000,000 | 7,290,000 | 500,000 | 9,050,505 | 9,550,505 | 680,000 | 10,343,434 | 11,023,434 | 650,000 | 11,313,131 | 11,963,131 | 660,175 | 10,472,727 | 11,132,902 |
| Washington | 145,000 | 100,000 | 245,000 | 175,000 | 103,434 | 278,434 | 204,000 | 90,505 | 294,505 | 335,000 | 213,334 | 548,334 | 373,561 | 193,939 | 567,500 |
| Other | 30,000 | 300,500 | 330,500 | 25,000 | 1,293 | 26,293 | 40,000 | 2,585 | 42,585 | 25,000 | 4,008 | 29,008 | 10,336 | 1,293 | 11,629 |
| Total | 33,167,500 | 59,206,700 | 92,374,200 | 32,967,000 | 64,768,730 | 97,735,730 | 32,845,000 | 70,485,714 | 103,330,714 | 33,175,000 | 75,416,565 | 108,591,565 | 33,014,981 | 74,995,442 | 108,010,423 |

## No. 30.—Commercial Ratio of Silver to Gold for each Year since 1834.

[Note.—From 1834 to 1878 the ratios are taken from the tables of Pixley and Abell; and from 1878 to 1892 from daily cablegrams from London to the Bureau of the Mint.]

| Year. | Ratio. | Year. | Ratio. | Year. | Ratio. | Year. | Ratio. | Year. | Ratio. | Year. | Ratio. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1834 .. | 15.73 | 1844... | 15.85 | 1854... | 15.33 | 1864... | 15.37 | 1874... | 16.17 | 1884... | 18.57 |
| 1835 .. | 15.89 | 1845... | 15.92 | 1855... | 15.38 | 1865... | 15.44 | 1875... | 16.59 | 1885... | 19.41 |
| 1836... | 15.72 | 1846... | 15.00 | 1856... | 15.38 | 1866... | 15.43 | 1876... | 17.88 | 1886... | 20.78 |
| 1837... | 15.83 | 1847... | 15.80 | 1857... | 15.27 | 1867... | 15.57 | 1877... | 17.22 | 1887... | 21.13 |
| 1838... | 15.85 | 1848... | 15.85 | 1858... | 15.38 | 1868.. | 15.59 | 1878... | 17.94 | 1888... | 21.99 |
| 1839... | 15.62 | 1849... | 15.78 | 1859... | 15.19 | 1869... | 15.60 | 1879... | 18.40 | 1889... | 22.09 |
| 1840... | 15.62 | 1850... | 15.70 | 1860... | 15.29 | 1870... | 15.57 | 1880... | 18.05 | 1890... | 19.75 |
| 1841... | 15.70 | 1851... | 15.46 | 1861... | 15.50 | 1871 .. | 15.57 | 1881... | 18.16 | 1891... | 20.92 |
| 1842... | 15.87 | 1852... | 15.59 | 1862... | 15.35 | 1872... | 15.63 | 1882... | 18.19 | 1892... | 23.72 |
| 1843... | 15.93 | 1853... | 15.33 | 1863... | 15.37 | 1873... | 15.92 | 1883... | 18.64 | 1893... | 26.49 |

## No. 31.—Annual Price of Silver in London, per Ounce, for each Calendar Year, from 1841 to include 1893.

[From the Annual Report of the Director of the Mint, 1893.]

| Calendar year. | Lowest quotation. | Highest quotation. | Average quotation. | Value of a fine ounce at average quotation. | Calendar year. | Lowest quotation. | Highest quotation. | Average quotation. | Value of a fine ounce at average quotation. |
|---|---|---|---|---|---|---|---|---|---|
| | *Pence.* | *Pence.* | *Pence.* | *Dollars.* | | *Pence.* | *Pence.* | *Pence.* | *Dollars.* |
| 1841..... | 59⅜ | 60⅜ | 60 1/16 | 1.316 | 1868..... | 60⅛ | 61⅛ | 60⅛ | 1.326 |
| 1842..... | 59⅛ | 60 | 59 7/16 | 1.303 | 1869..... | 60 | 61 | 60 7/16 | 1.325 |
| 1843..... | 59 | 59⅝ | 59 5/16 | 1.297 | 1870..... | 60¼ | 60⅝ | 60 5/16 | 1.328 |
| 1844..... | 59¼ | 59⅜ | 59⅛ | 1.304 | 1871..... | 60 5/16 | 61 | 60⅛ | 1.326 |
| 1845..... | 58⅞ | 59⅛ | 59¼ | 1.298 | 1872..... | 59¼ | 61⅛ | 60 5/16 | 1.322 |
| 1846..... | 59 | 60⅛ | 59 5/16 | 1.300 | 1873..... | 57⅞ | 59 1/16 | 59¼ | 1.298 |
| 1847..... | 58⅞ | 60⅛ | 59 1/16 | 1.303 | 1874..... | 57⅛ | 59⅛ | 58 5/16 | 1.278 |
| 1848..... | 58⅛ | 60 | 59⅛ | 1.304 | 1875..... | 55⅛ | 57⅝ | 56⅞ | 1.246 |
| 1849..... | 59⅛ | 60 | 59⅜ | 1.309 | 1876..... | 46⅜ | 58⅛ | 52⅝ | 1.156 |
| 1850..... | 59⅛ | 61⅛ | 61 1/16 | 1.316 | 1877 ..... | 58¼ | 58⅜ | 54 1/16 | 1.201 |
| 1851..... | 60 | 61⅛ | 61 | 1.337 | 1878..... | 49⅛ | 55¼ | 52 5/16 | 1.152 |
| 1852..... | 59⅞ | 61⅞ | 60⅛ | 1.326 | 1879..... | 48⅞ | 53¼ | 51¼ | 1.123 |
| 1853..... | 60⅛ | 61⅞ | 61⅛ | 1.348 | 1880..... | 51⅛ | 52⅞ | 52¼ | 1.145 |
| 1854..... | 60⅞ | 61⅞ | 61⅛ | 1.348 | 1881 ..... | 50⅞ | 52⅞ | 51 1/16 | 1.138 |
| 1855..... | 60 | 61⅛ | 61 5/16 | 1.344 | 1882..... | 50 | 52⅛ | 51 1/16 | 1,136 |
| 1856..... | 60⅛ | 62¼ | 61 5/16 | 1.344 | 1883..... | 50 | 51 5/16 | 50⅛ | 1.110 |
| 1857..... | 61 | 62⅛ | 61⅜ | 1.353 | 1884..... | 49⅛ | 51⅛ | 50⅜ | 1.113 |
| 1858..... | 60⅜ | 61⅞ | 61 5/16 | 1.344 | 1885..... | 46⅞ | 50 | 48 5/16 | 1.0645 |
| 1859..... | 61⅛ | 62⅜ | 62 1/16 | 1.360 | 1886..... | 42 | 47 | 45⅛ | 0.9946 |
| 1860..... | 61¼ | 62⅛ | 61 1/16 | 1.352 | 1887..... | 43¼ | 47⅛ | 44⅛ | 0.97823 |
| 1861..... | 60⅛ | 61⅛ | 60 1/16 | 1.333 | 1888..... | 41⅛ | 44 5/16 | 42⅞ | 0.93987 |
| 1862..... | 61 | 62⅛ | 61 7/16 | 1.346 | 1889..... | 42 | 44⅛ | 42 1/16 | 0.93576 |
| 1863..... | 61 | 61⅛ | 61⅛ | 1.345 | 1890..... | 42⅛ | 54⅛ | 47⅛ | 1.04633 |
| 1864..... | 60⅛ | 62⅛ | 61⅛ | 1.345 | 1891..... | 43⅛ | 48⅜ | 45 1/16 | 0.98782 |
| 1865..... | 60⅛ | 61⅛ | 61 1/16 | 1.338 | 1892..... | 37⅞ | 43⅜ | 39⅜ | 0.87106 |
| 1866..... | 60⅛ | 62⅛ | 61⅛ | 1.339 | 1893..... | 30⅛ | 38⅜ | 35 5/16 | 0.78081 |
| 1867..... | 60⅛ | 61¼ | 60 5/16 | 1.328 | | | | | |

## No. 32.—Quantities and Values of Minerals Produced in the United States during each Calendar Year from 1888 to 1892, inclusive.

[Prepared by the United States Geological Survey.]

| Products. | 1888. | | 1889. a | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| METALLIC. | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Pig iron, value at Philadelphia.....long tons *b*.. | 6,489,738 | 107,000,000 | 7,603,642 | 120,000,000 | 9,202,703 | 151,200,410 | 8,279,870 | 128,337,985 | 9,157,000 | 131,161,089 |
| Silver, coining value *c*..... troy ounces.. | 45,783,632 | 59,195,000 | 51,354,851 | 66,396,988 | 54,500,000 | 70,464,645 | 58,300,000 | 75,416,565 | 55,000,000 | 74,989,900 |
| Gold, coining value *d*.....do.... | 1,604,927 | 33,175,000 | 1,590,869 | 32,886,744 | 1,588,880 | 32,845,000 | 1,604,840 | 33,175,000 | 1,596,375 | 33,000,000 |
| Copper *e*, value at New York City .....pounds.. | 231,270,622 | 33,833,954 | 231,246,214 | 26,907,809 | 265,115,133 | 30,848,797 | 295,810,076 | 38,455,300 | 353,275,742 | 37,977,142 |
| Lead, value at New York City .....short tons.. | 180,555 | 15,924,951 | 182,997 | 16,137,689 | 161,754 | 14,266,708 | 202,406 | 17,609,322 | 213,262 | 17,060,960 |
| Zinc, value at New York City.....do.... | 55,903 | 5,500,855 | 58,860 | 5,791,824 | 63,683 | 6,266,407 | 80,337 | 8,038,700 | 87,260 | 9,027,920 |
| Quicksilver, value at San Francisco ..... flasks *f*.. | 33,250 | 1,413,125 | 26,484 | 1,190,500 | 22,926 | 1,203,615 | 22,904 | 1,036,386 | 27,993 | 1,245,689 |
| Nickel *g*, value at Philadelphia .....pounds.. | 204,328 | 127,632 | 252,663 | 151,598 | 223,488 | 134,093 | 118,498 | 71,099 | 92,252 | 50,739 |
| Aluminum, value at Pittsburg .....do.... | 19,000 | 65,000 | h 47,468 | 97,335 | h 61,281 | 61,281 | h 150,000 | 100,000 | 259,885 | 172,824 |
| Tin.....do.... | ..... | ..... | ..... | ..... | ..... | ..... | 125,289 | 25,058 | 162,000 | 32,400 |
| Antimony, value at San Francisco ....short tons.. | 100 | 20,000 | 115 | 23,000 | 129 | 40,756 | 278 | 47,007 | i 359 | 56,466 |
| Platinum, value (crude) at San Francisco, troy ounces..... | 500 | 2,000 | 500 | 2,000 | 600 | 2,500 | 100 | 500 | 80 | 440 |
| Total value of metallic products ..... | ..... | 256,257,517 | ..... | 269,590,487 | ..... | 307,334,207 | ..... | 302,307,923 | ..... | 304,775,519 |
| NONMETALLIC (SPOT VALUES *j*). | | | | | | | | | | |
| Bituminous coal *k*.....long tons.. | 91,106,998 | 101,860,529 | 85,983,059 | 94,346,809 | 99,392,871 | 110,420,801 | 105,268,963 | 117,188,400 | 113,264,792 | 125,124,381 |
| Pennsylvania anthracite ..... do.... | 41,624,611 | 89,020,488 | 40,714,731 | 65,879,514 | 41,489,858 | 66,383,772 | 45,236,992 | 73,944,735 | 46,850,450 | 82,442,000 |
| Building stone..... | ..... | 25,500,000 | ..... | l 42,809,706 | ..... | 47,000,000 | ..... | 47,294,746 | ..... | 48,706,625 |
| Petroleum..... barrels *m*.. | 27,612,025 | 17,947,630 | 35,163,513 | 26,963,340 | 45,822,672 | 35,365,105 | 54,291,980 | 30,596,553 | 50,509,136 | 25,901,436 |
| Lime.....barrels *n*.. | 49,087,000 | 24,543,500 | 68,474,668 | 33,217,015 | 60,000,000 | 35,000,000 | 60,000,000 | 35,000,000 | 65,000,000 | 40,000,000 |
| Natural gas..... | ..... | 22,629,875 | ..... | 21,097,099 | ..... | 18,742,725 | ..... | 15,500,084 | ..... | 14,800,714 |
| Cement ..... barrels *o*.. | 6,503,295 | 5,021,139 | 7,000,000 | 5,000,000 | 8,000,000 | 6,000,000 | 8,222,792 | 6,680,951 | 8,758,621 | 7,152,750 |
| Salt.....barrels *p*.. | 8,055,881 | 4,274,208 | 8,005,565 | 4,195,412 | 8,776,991 | 4,752,286 | 9,967,945 | 4,716,121 | 11,696,890 | 5,654,915 |
| Phosphate rock.....long tons.. | 448,567 | 2,018,552 | 550,245 | 2,937,776 | 510,499 | 3,213,795 | 587,968 | 3,651,150 | 681,571 | 3,296,227 |
| Limestone for iron flux.....do.... | 5,438,000 | 2,719,000 | 6,318,000 | 3,159,000 | 5,521,622 | 2,760,811 | 5,000,000 | 2,500,000 | 5,173,114 | 3,620,480 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mineral waters ..... gallons sold.. | 9,578,648 | 1,679,302 | 12,780,471 | 1,748,458 | 13,907,418 | 2,600,750 | 18,392,732 | 2,996,259 | 21,876,604 | 4,905,979 |
| Zinc white ..... short tons.. | 20,000 | 1,600,000 | 16,970 | 1,357,600 | ..... | 1,600,000 | ..... | 1,600,000 | 27,500 | 2,200,000 |
| Potters' clay ..... long tons.. | 36,750 | 300,000 | 294,344 | 635,578 | 350,000 | 756,000 | 400,000 | 900,000 | 420,000 | 1,000,000 |
| Mineral paints ..... do.... | 24,000 | 380,000 | 32,307 | 463,766 | 45,732 | 661,992 | 47,652 | 658,478 | 50,736 | 765,740 |
| Borax ..... pounds.. | 7,589,000 | 455,340 | 8,000,000 | 500,000 | 9,500,000 | 617,500 | 13,380,000 | 869,700 | 13,500,000 | 900,000 |
| Gypsum ..... short tons.. | 110,000 | 550,000 | 267,769 | 764,118 | 182,995 | 874,523 | 208,126 | 628,051 | 256,259 | 695,492 |
| Grindstones ..... | ..... | 281,800 | ..... | 439,587 | ..... | 450,000 | ..... | 476,113 | ..... | 272,000 |
| Fibrous talc ..... short tons.. | 20,000 | 210,000 | 23,746 | 244,170 | 41,354 | 389,196 | 53,054 | 493,068 | 41,925 | 472,485 |
| Pyrites ..... long tons.. | 54,331 | 167,658 | 98,705 | 202,119 | 111,836 | 273,745 | 119,320 | 338,880 | 122,963 | 305 191 |
| Soapstone ..... short tons.. | 15,000 | 250,000 | 12,715 | 231,708 | 13,670 | 252,309 | 16,514 | 243,981 | 23,208 | 423,449 |
| Manganese ore ..... long tons.. | 29,198 | 279,571 | 24,197 | 240,559 | 25,684 | 219,050 | 23,416 | 239,129 | 13,613 | 129,586 |
| Asphaltum ..... short tons.. | 53,800 | 331,500 | 51,735 | 171,537 | 40,841 | 190,416 | 45,054 | 242,264 | 36,680 | 292,375 |
| Precious stones ..... | ..... | 139,850 | ..... | 188,807 | ..... | 118,833 | ..... | 235,300 | ..... | 299,000 |
| Bromine ..... pounds.. | 307,386 | 95,290 | 418,891 | 125,667 | 387,847 | 104,719 | 343,000 | 54,880 | 379,480 | 64,502 |
| Corundum ..... short tons.. | 589 | 91,620 | 2,245 | 105,565 | 1,970 | 89,395 | 2,265 | 90,230 | 1,771 | 181,300 |
| Barytes (crude) ..... long tons.. | 20,000 | 110,000 | 19,161 | 106,318 | 21,911 | 86,505 | 31,069 | 118,363 | 32,108 | 130,925 |
| Graphite ..... pounds.. | 400,000 | 33,000 | ..... | *q* 72,662 | ..... | *q* 77,500 | ..... | 110,000 | ..... | 87,902 |
| Millstones ..... | ..... | 81,000 | ..... | 35,155 | ..... | 23,720 | ..... | 16,587 | ..... | 23,417 |
| Novaculite ..... pounds.. | 1,500,000 | 18,000 | 5,982,000 | 32,980 | ..... | 69,909 | 1,875,000 | 150,000 | ..... | 148,730 |
| Marls ..... short tons.. | 300,000 | 150,000 | 139,522 | 63,956 | 153,620 | 69,880 | 135,000 | 67,500 | 125,000 | 65,000 |
| Flint ..... long tons . | 30,000 | 175,000 | 11,113 | 49,137 | 13,000 | 57,400 | 15,000 | 60,000 | 20,000 | 80,000 |
| Fluorspar ..... short tons.. | 6,000 | 30,000 | 9,500 | 45,835 | 8,250 | 55,328 | 10,044 | 78,330 | 12,250 | 89,000 |
| Chromic iron ore ..... long tons.. | 1,500 | 20,000 | 2,000 | 30,000 | 3,599 | 53,985 | 1,372 | 20,580 | 1,500 | 25,000 |
| Infusorial earth ..... short tons.. | 1,500 | 7,500 | 3,466 | 23,372 | 2,582 | 50,240 | ..... | 21,988 | ..... | 43,655 |
| Feldspar ..... long tons.. | 8,700 | 50,000 | 6,970 | 39,370 | 8,000 | 45,200 | 10,000 | 50,000 | 15,000 | 75,000 |
| Mica ..... pounds.. | 48,000 | 70,000 | 49,500 | 50,000 | 60,000 | 75,000 | 75,000 | 100,000 | 75,000 | 100,000 |
| Ozocerite, refined ..... do.... | 43,500 | 3,000 | 50,000 | 2,500 | 350,000 | 26,250 | 59,000 | 7,000 | ..... | ..... |

*a* The results for 1899, with the exception of those for lime, cement, salt, zinc white, borax, bromine, slate ground as a pigment, and rutile, were obtained through the Eleventh United States Census.

*b* "Long" tons are tons of 2,240 avoirdupois pounds; short tons are tons of 2,000 avoirdupois pounds.

*c* $1.2929 per troy ounce.

*d* $20.6718 per troy ounce.

*e* Including copper made from imported pyrites.

*f* Of 76½ avoirdupois pounds net.

*g* Including nickel in copper-nickel alloy, and in exported ore and matte.

*h* Including aluminum alloys

*i* Includes metal contents of ore shipped to England for smelting.

*j* By "spot" value is meant value at the point of production.

*k* Including brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.

*l* Not including lime in barrels, limestone for iron flux, or grindstones.

*m* Of 42 gallons.

*n* Of 200 pounds.

*o* Of 300 pounds for natural cement, and 400 pounds for artificial Portland.

*p* Of 280 pounds net.

*q* Value of the crude product.

## No. 32.—Quantities and Values of Minerals Produced in the United States during each Calendar Year from 1888 to 1892, inclusive—Continued.

| Products. | 1888. | | 1889.a | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| NONMETALLIC (SPOT VALUES)—continued. | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Cobalt oxide ..... pounds.. | 8,491 | 15,782 | 13,955 | 31,092 | 6,788 | 16,291 | 7,200 | 18,000 | 7,869 | 15,738 |
| Slate ground as a pigment ..... long tons.. | 2,500 | 25,000 | 2,000 | 20,000 | 2,000 | 20,000 | 2,000 | 20,000 | 3,787 | 23,523 |
| Sulphur ..... short tons.. | (b) | ..... | 1,150 | 7,850 | (b) | ..... | 1,200 | 39,600 | 2,688 | 80,640 |
| Asbestos ..... do.... | 100 | 3,000 | 30 | 1,800 | 71 | 4,560 | 66 | 3,960 | 104 | 6,416 |
| Rutile ..... pounds.. | 1,000 | 3,000 | 1,000 | 3,000 | 400 | 1,000 | 300 | 800 | 100 | 300 |
| Lithographic stone ..... short tons.. | (b) | ..... | 18 | 243 | (b) | ..... | (b) | ..... | ..... | ..... |
| Total value of nonmetallic mineral products | ..... | 303,241,114 | ..... | 307,640,175 | ..... | 339,270,491 | ..... | 347,751,781 | ..... | 370,600,964 |
| Total value of metallic products | ..... | 256,257,517 | ..... | 269,590,487 | ..... | 307,334,207 | ..... | 302,307,922 | ..... | 304,775,519 |
| Estimated value of mineral products unspecified c | ..... | 5,000,000 | ..... | 10,000,000 | ..... | 10,000,000 | ..... | 10,000,000 | ..... | 10,000,000 |
| Grand total | ..... | 564,498,631 | ..... | 587,230,662 | ..... | 656,604,698 | ..... | 660,059,703 | ..... | 685,376,483 |

a The results for 1889, with the exception of those for lime, cement, salt, zinc white, borax, bromide, slate ground as a pigment, and rutile, were obtained through the Eleventh United States Census.

b Not reported. c Including fire clay, common brick clay, terra cotta, building sand, glass sand, limestone used as flux in lead smelting, limestone in glass-making, iron ore used as flux in lead smelting, tin ore, iridosmine, nitrate of soda, carbonate of soda, sulphat of soda, native alum, mineral soap, strontia, and pumice stone.

## No. 33.—Quantity of coal produced in each State and Territory of the United States during the Census Year ending May 31, 1880, and the Calendar Years from 1885 to 1892, inclusive.

[Weight expressed in tons of 2,240 pounds.]

| State or Territory. | 1880. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|---|---|---|---|---|
| ANTHRACITE. | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| Pennsylvania | 28,612,595 | 32,265,421 | 32,764,710 | 35,273,442 | 39,216,872 | 40,665,152 | 41,489,858 | 45,236,992 | 46,850,459 |
| Rhode Island | 6,176 | ..... | ..... | 5,357 | 3,571 | *a* 49,569 | ..... | 446 | ..... |
| Virginia | 2,600 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Colorado and New Mexico | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 58,002 |
| BITUMINOUS. | | | | | | | | | |
| *Middle States.* | | | | | | | | | |
| Maryland | 2,227,844 | 2,865,974 | 2,247,837 | 2,926,806 | 3,106,670 | 2,624,745 | 2,998,047 | 3,410,927 | 3,053,537 |
| Ohio | 5,932,853 | 6,978,732 | 7,531,438 | 9,197,954 | 9,741,916 | 8,907,846 | 10,262,952 | 11,489,896 | 12,109,756 |
| Pennsylvania | 18,075,548 | 23,214,285 | 23,357,799 | 29,559,466 | 30,175,649 | 32,298,294 | 37,769,797 | 38,204,009 | 41,691,586 |
| West Virginia | 1,792,570 | 3,008,091 | 3,576,603 | 4,318,589 | 4,909,643 | 5,564,179 | 6,602,370 | 8,232,737 | 8,695,216 |
| Total | 28,028,815 | 36,067,082 | 36,713,677 | 44,002,815 | 47,933,878 | 49,395,064 | 57,633,166 | 61,337,569 | 65,550,095 |
| *Western States and Territories.* | | | | | | | | | |
| Colorado | 462,747 | 1,210,769 | 1,221,780 | 1,599,763 | 1,951,319 | 2,271,557 | 2,762,503 | 3,136,279 | 3,078,541 |
| Illinois | 6,089,514 | 8,742,745 | 8,255,746 | 9,177,580 | 13,084,989 | 10,807,386 | 13,653,946 | 13,982,766 | 15,948,460 |
| Indiana | 1,440,496 | 2,120,535 | 2,678,571 | 2,872,956 | 2,804,446 | 2,540,229 | 2,951,551 | 2,654,888 | 2,986,763 |
| Iowa | 1,442,333 | 3,583,737 | 3,850,822 | 3,994,489 | 4,421,821 | 3,656,570 | 3,590,838 | 3,415,621 | 3,498,654 |
| Kansas | 763,597 | 1,082,230 | 1,250,000 | 1,425,785 | 1,651,786 | 1,983,074 | 2,017,788 | 2,425,629 | 2,685,068 |
| Michigan | 100,800 | 45,178 | 53,959 | 63,805 | 72,685 | 60,206 | 66,944 | 71,494 | 69,634 |
| Missouri | 543,999 | 2,750,000 | 1,607,143 | 2,865,996 | 3,491,042 | 2,283,771 | 2,442,162 | 2,288,041 | 2,441,627 |
| Montana | 224 | 77,179 | 44,505 | 9,109 | 37,024 | 324,376 | 462,033 | 483,804 | 504,150 |
| Nebraska | 200 | ..... | ..... | 1,339 | 1,339 | 1,250 | 1,339 | 1,339 | 1,339 |
| Dakota | ..... | 23,214 | 23,174 | 19,170 | 30,357 | ..... | ..... | ..... | ..... |
| North Dakota | ..... | ..... | ..... | ..... | ..... | 25,810 | 26,786 | 26,786 | 36,362 |
| Wyoming | 589,595 | 720,828 | 740,496 | 1,044,927 | 1,322,804 | 1,240,131 | 1,669,970 | 2,078,429 | 2,324,856 |
| Total | 11,442,496 | 20,356,415 | 19,726,146 | 23,074,919 | 28,869,612 | 25,194,360 | 29,645,860 | 30,665,076 | 33,574,854 |
| *Pacific States and Territories.* | | | | | | | | | |
| California | 233,950 | 63,942 | 89,286 | 44,643 | 84,321 | 106,962 | 98,849 | 83,304 | 76,051 |
| Idaho | ..... | 893 | 1,339 | 446 | 357 | ..... | ..... | ..... | ..... |

*a* Including small lots mined in Colorado and New Mexico.

## No. 33.—Quantity of coal produced in each State and Territory of the United States, etc.—Continued.

[Weight expressed in tons of 2,240 pounds.]

| State or Territory. | 1880. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|---|---|---|---|---|
| BITUMINOUS—continued. | | | | | | | | | |
| *Pacific States and Territories*—Continued. | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| Oregon | 43, 205 | 44, 643 | 40, 179 | 28, 300 | 66, 964 | 57, 463 | 54, 923 | 46, 273 | 30, 947 |
| Utah | ..... | 190, 286 | 178, 571 | 160, 733 | 231, 215 | 211, 296 | 284, 070 | 331, 290 | 322, 333 |
| Washington | 145, 015 | 339, 510 | 378, 147 | 689, 832 | 1, 085, 492 | 920, 159 | 1, 128, 294 | 943, 079 | 1, 083, 417 |
| Total | 422, 170 | 639, 274 | 687, 522 | 923, 954 | 1, 468, 849 | 1, 295, 900 | 1, 566, 136 | 1, 403, 946 | 1, 512, 748 |
| *Southern States and Territories.* | | | | | | | | | |
| Alabama | 322, 934 | 2, 225, 000 | 1, 607, 143 | 1, 741, 071 | 2, 589, 286 | 3, 190, 163 | 3. 652, 151 | 4, 249, 804 | 4, 936, 886 |
| Arkansas | 14, 778 | 133, 928 | 111, 607 | 133, 929 | 247, 206 | 249, 629 | 357, 043 | 484, 267 | 478, 177 |
| Georgia | 154, 644 | 133, 929 | 199, 107 | 280, 103 | 160, 714 | 201, 925 | 203, 873 | 152, 679 | 192, 409 |
| Indian Territory | ..... | 446, 429 | 477, 304 | 612, 421 | 680, 345 | 672, 171 | 776, 097 | 974, 136 | 1, 064, 929 |
| Kentucky | 935, 857 | 1, 700, 000 | 1, 388, 929 | 1, 726, 058 | 2, 294, 643 | 2, 142, 638 | 2, 412, 050 | 2, 608, 633 | 2, 685, 223 |
| New Mexico | ..... | 271, 443 | 242, 219 | 453, 602 | 559, 532 | 434, 342 | 335, 515 | 412, 793 | 588, 597 |
| North Carolina | 350 | ..... | ..... | ..... | ..... | (a) | 9, 163 | 18, 174 | 5, 963 |
| Tennessee | 494, 491 | 892, 857 | 1, 530, 616 | 1, 696, 429 | 1, 756, 515 | 1, 719, 365 | 1, 937, 129 | 2, 155, 070 | 1, 867, 914 |
| Texas | ..... | 133, 928 | 89, 286 | 66, 964 | 80, 357 | 114, 479 | 164, 679 | 153, 661 | 219, 366 |
| Virginia | 40, 520 | 567, 000 | 611, 563 | 736, 842 | 958, 036 | 773, 023 | 700, 010 | 657, 499 | 602, 861 |
| Total | 1, 963, 574 | 6, 504, 513 | 6, 252, 774 | 7, 447, 419 | 9, 326, 624 | 9, 497, 735 | 10, 547, 709 | 11, 861, 716 | 12, 642, 325 |
| Total bituminous | 41, 857, 055 | 63, 567, 284 | 63, 380, 119 | 75, 449, 107 | 87, 598, 963 | 85, 383, 050 | 99, 392, 871 | 105, 268, 307 | 113, 280, 022 |
| Total anthracite | 28, 621, 371 | 32, 265, 421 | 32, 764, 710 | 35, 278, 799 | 39, 220, 443 | 40, 714, 721 | 41, 489, 858 | 45, 237, 438 | 46, 908, 452 |
| Total anthracite and bituminous | b70, 478, 426 | b95, 832, 705 | b96, 144, 829 | b110, 727, 906 | b126, 819, 406 | c 126, 097, 780 | c 140, 882, 729 | c 150, 505, 745 | 160, 188, 474 |

NOTE.—The statistics for 1880 are derived from the United States Census; for 1885 and 1886, from data collected and estimates made by Mr. Frederick E. Saward, editor of the Coal Trade Journal of New York, and from 1887 to 1891, from "Mineral Resources of the United States," published by the United States Geological Survey.

a Product combined with that of Georgia. b Amounts marketed only. c Product of the mines.

## No. 33.—Quantity of coal produced in each State and Territory of the United States, etc.—Continued.

[Weight expressed in tons of 2,240 pounds.]

AMOUNTS MARKETED.*

| Year. | Anthracite coal. | | Year. | Bituminous coal. | |
|---|---|---|---|---|---|
| | Quantity. | Value. | | Quantity. | Value. |
| | *Tons.* | *Dollars.* | | *Tons.* | *Dollars.* |
| 1889 | 35, 863, 230 | 63, 463, 572 | 1889 | 65, 723, 110 | 72, 873, 784 |
| 1890 | 36, 617, 042 | 58, 645, 854 | 1890 | 78, 011, 224 | 86, 498, 845 |
| 1891 | 41, 392, 499 | 73, 944, 735 | 1891 | 82, 692, 623 | 92, 060, 043 |
| 1892 | 42, 941, 744 | 82, 442, 000 | 1892 | 88, 790, 744 | 98, 451, 177 |

* For bituminous coal these amounts represent only the coal shipped. They do not include the quantities sold to local trade or made into coke.

**No. 34.—Value of MERCHANDISE Imported into, and Exported from, the United States from 1844 to 1893, inclusive; also Annual Excess of Imports or of Exports—Specie Values.**

| Year ending June 30— | Exports. | | | Imports. | Total exports and imports. | Excess of exports over imports. | Excess of imports over exports. |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | | | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1844 | 99, 531, 774 | 6, 214, 058 | 105, 745, 832 | 102, 604, 606 | 208, 350, 438 | 3, 141, 226 | ..... |
| 1845 | 98, 455, 330 | 7, 584, 781 | 106, 040, 111 | 113, 184, 322 | 219, 224, 433 | ..... | 7, 144, 211 |
| 1846 | 101, 718, 642 | 7, 865, 206 | 109, 583, 248 | 117, 914, 065 | 227, 497, 313 | ..... | 8, 330, 817 |
| 1847 | 150, 574, 844 | 6, 166, 754 | 156, 741, 598 | 122, 424, 349 | 279, 165, 947 | 34, 317, 249 | ..... |
| 1848 | 130, 203, 709 | 7, 986, 806 | 138, 190, 515 | 148, 638, 644 | 286, 829, 159 | ..... | 10, 448, 129 |
| 1849 | 131, 710, 061 | 8, 641, 091 | 140, 351, 172 | 141, 206, 199 | 281, 557, 371 | ..... | 855, 027 |
| 1850 | 134, 600, 233 | 9, 475, 493 | 144, 375, 726 | 173, 509, 526 | 317, 885, 252 | ..... | 29, 133, 800 |
| 1851 | 178, 620, 138 | 10, 295, 121 | 188, 915, 259 | 210, 771, 429 | 399, 686, 688 | ..... | 21, 856, 170 |
| 1852 | 154, 931, 147 | 12, 053, 084 | 166, 984, 231 | 207, 440, 398 | 374, 424, 629 | ..... | 40, 456, 167 |
| 1853 | 189, 869, 162 | 13, 620, 120 | 203, 489, 282 | 263, 777, 265 | 467, 266, 547 | ..... | 60, 287, 983 |
| 1854 | 215, 328, 360 | 21, 715, 464 | 237, 043, 764 | 297, 863, 794 | 534, 847, 558 | ..... | 60, 760, 030 |
| 1855 | 192, 751, 185 | 26, 158, 368 | 218, 909, 503 | 257, 806, 708 | 476, 718, 211 | ..... | 38, 899, 205 |
| 1856 | 266, 438, 051 | 14, 781, 372 | 281, 219, 423 | 310, 432, 310 | 591, 651, 733 | ..... | 29, 212, 887 |
| 1857 | 278, 996, 713 | 14, 917, 047 | 293, 823, 760 | 348, 428, 342 | 642, 252, 102 | ..... | 54, 604, 582 |
| 1858 | 251, 351, 033 | 20, 660, 241 | 272, 011, 274 | 263, 338, 654 | 535, 349, 928 | 8, 672, 620 | ..... |
| 1859 | 278, 392, 080 | 14, 509, 971 | 292, 902, 051 | 331, 333, 341 | 624, 235, 392 | ..... | 38, 431, 290 |
| 1860 | 316, 242, 423 | 17, 963, 634 | 333, 576, 057 | 353, 616, 119 | 687, 192, 176 | ..... | 20, 040, 062 |
| 1861 | 204, 899, 616 | 14, 654, 217 | 219, 553, 833 | 289, 310, 542 | 508, 864, 375 | ..... | 69, 756, 709 |
| 1862 | 179, 644, 024 | 11, 646, 478 | 190, 670, 501 | 189, 356, 677 | 380, 027, 178 | 1, 313, 824 | ..... |
| 1863 | 186, 003, 912 | 17, 960, 535 | 203, 964, 447 | 243, 335, 815 | 447, 300, 262 | ..... | 39, 371, 368 |
| 1864 | 143, 504, 027 | 15, 333, 961 | 158, 837, 988 | 316, 447, 283 | 475, 285, 271 | ..... | 157, 609, 295 |
| 1865 | 186, 940, 248 | 29, 089, 055 | 166, 029, 303 | 238, 745, 580 | 404, 774, 883 | ..... | 72, 716, 277 |
| 1866 | 337, 518, 102 | 11, 341, 420 | 348, 859, 522 | 434, 812, 066 | 783, 671, 588 | ..... | 85, 952, 544 |
| 1867 | 279, 796, 809 | 14, 719, 332 | 294, 506, 141 | 395, 761, 096 | 690, 267, 237 | ..... | 101, 254, 955 |
| 1868 | 269, 389, 909 | 12, 562, 999 | 281, 952, 899 | 357, 436, 440 | 639, 389, 339 | ..... | 75, 483, 541 |
| 1869 | 275, 166, 007 | 10, 951, 000 | 286, 117, 697 | 417, 506, 379 | 703, 624, 076 | ..... | 131, 388, 682 |
| 1870 | 376, 616, 473 | 16, 155, 295 | 392, 771, 768 | 435, 956, 408 | 829, 730, 176 | ..... | 43, 186, 640 |
| 1871 | 428, 398, 908 | 14, 421, 270 | 442, 820, 178 | 520, 223, 684 | 963, 043, 862 | ..... | 77, 402, 506 |
| 1872 | 428, 487, 131 | 15, 960, 455 | 444, 177, 586 | 626, 595, 077 | 1, 070, 782, 663 | ..... | 182, 417, 491 |
| 1873 | 505, 033, 439 | 17, 446, 483 | 522, 479, 922 | 642, 126, 210 | 1, 164, 616, 132 | ..... | 119, 656, 288 |
| 1874 | 569, 433, 421 | 16, 849, 619 | 586, 283, 040 | 567, 406, 342 | 1, 153, 689, 382 | 18, 876, 698 | ..... |
| 1875 | 499, 284, 100 | 14, 158, 611 | 513, 442, 711 | 533, 005, 436 | 1, 046, 448, 147 | ..... | 19, 562, 725 |
| 1876 | 525, 583, 247 | 14, 802, 424 | 540, 384, 671 | 460, 741, 190 | 1, 001, 125, 861 | 79, 643, 481 | ..... |
| 1877 | 589, 670, 224 | 12, 804, 996 | 602, 475, 220 | 451, 323, 126 | 1, 053, 798, 346 | 151, 152, 094 | ..... |
| 1878 | 680, 709, 268 | 14, 156, 498 | 694, 865, 766 | 437, 051, 532 | 1, 131, 917, 298 | 257, 814, 234 | ..... |
| 1879 | 698, 240, 790 | 12, 098, 651 | 710, 439, 441 | 445, 777, 775 | 1, 156, 217, 216 | 264, 661, 666 | ..... |
| 1880 | 823, 946, 353 | 11, 692, 305 | 835, 638, 658 | 667, 954, 746 | 1, 503, 593, 404 | 167, 683, 912 | ..... |
| 1881 | 883, 925, 947 | 18, 451, 399 | 902, 377, 346 | 642, 664, 628 | 1, 545, 041, 974 | 259, 712, 718 | ..... |
| 1882 | 733, 239, 782 | 17, 302, 525 | 750, 542, 257 | 724, 639, 574 | 1, 475, 181, 831 | 25, 902, 683 | ..... |
| 1883 | 804, 223, 632 | 19, 615, 770 | 823, 839, 402 | 723, 180, 914 | 1, 547, 020, 316 | 100, 658, 488 | ..... |
| 1884 | 734, 964, 852 | 15, 548, 757 | 749, 513, 609 | 667, 697, 693 | 1, 408, 211, 302 | 72, 815, 916 | ..... |
| 1885 | 726, 682, 946 | 15, 596, 309 | 742, 189, 755 | 577, 527, 329 | 1, 319, 717, 084 | 164, 662, 426 | ..... |
| 1886 | 665, 964, 529 | 13, 560, 301 | 679, 524, 830 | 635, 436, 136 | 1, 314, 960, 966 | 44, 088, 694 | ..... |
| 1887 | 703, 022, 923 | 13, 160, 288 | 716, 183, 211 | 692, 319, 768 | 1, 408, 502, 979 | 23, 863, 443 | ..... |
| 1888 | 683, 862, 104 | 12, 092, 463 | 695, 954, 507 | 723, 957, 114 | 1, 419, 911, 621 | ..... | 28, 002, 607 |
| 1889 | 730, 232, 609 | 12, 118, 766 | 742, 401, 375 | 745, 131, 652 | 1, 487, 533, 027 | ..... | 2, 730, 277 |
| 1890 | 845, 293, 828 | 12, 534, 856 | 857, 828, 684 | 789, 310, 409 | 1, 647, 139, 093 | 68, 518, 275 | ..... |
| 1891 | 872, 270, 283 | 12, 210, 527 | 884, 480, 810 | 844, 916, 196 | 1, 729, 397, 006 | 39, 564, 614 | ..... |
| 1892 | 1,015,732,011 | 14, 546, 137 | 1,030,278,148 | 827, 402, 462 | 1, 857, 680, 610 | 202, 875, 686 | ..... |
| 1893 | 831, 036, 785 | 16, 634, 409 | 847, 663, 194 | 866, 400, 922 | 1, 714, 064, 116 | ..... | 18, 737, 728 |

**No. 35.**—VALUE OF GOLD COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES FROM 1844 TO 1893, INCLUSIVE; ALSO ANNUAL EXCESS OF IMPORTS OR OF EXPORTS.

| Year ending June 30— | Exports. | | | Imports. | Excess of exports over imports. | Excess of imports over exports. |
|---|---|---|---|---|---|---|
| | Domestic.a | Foreign. | Total. | | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1844 | ..... | 1, 183, 116 | ..... | 1, 613, 304 | ..... | ..... |
| 1845 | ..... | 2, 210, 979 | ..... | 818, 850 | ..... | ..... |
| 1846 | ..... | 1, 629, 348 | ..... | 910, 413 | ..... | ..... |
| 1847 | ..... | 975, 301 | ..... | 21, 574, 981 | ..... | ..... |
| 1848 | ..... | 8, 370, 785 | ..... | 3, 408, 755 | ..... | ..... |
| 1849 | ..... | 1, 015, 359 | ..... | 4, 068, 647 | ..... | ..... |
| 1850 | ..... | 2, 513, 948 | ..... | 1, 776, 706 | ..... | ..... |
| 1851 | ..... | 4, 767, 333 | ..... | 3, 569, 090 | ..... | ..... |
| 1852 | ..... | 2, 636, 142 | ..... | 3, 658, 059 | ..... | ..... |
| 1853 | ..... | 1, 894, 323 | ..... | 2, 427, 356 | ..... | ..... |
| 1854 | ..... | 2, 491, 894 | ..... | 3, 031, 964 | ..... | ..... |
| 1855 | ..... | 1, 151, 797 | ..... | 1, 092, 802 | ..... | ..... |
| 1856 | ..... | 852, 698 | ..... | 990, 305 | ..... | ..... |
| 1857 | ..... | 5, 154, 301 | ..... | 6, 654, 636 | ..... | ..... |
| 1858 | ..... | 7, 595, 558 | ..... | 11, 566, 068 | ..... | ..... |
| 1859 | ..... | 3, 605, 748 | ..... | 2, 125, 397 | ..... | ..... |
| 1860 | ..... | 1, 499, 188 | ..... | 2, 508, 786 | ..... | ..... |
| 1861 | ..... | 3, 624, 103 | ..... | 42 291, 930 | ..... | ..... |
| 1862 | ..... | 4, 395, 252 | ..... | 13, 907, 011 | ..... | ..... |
| 1863 | ..... | 6, 169, 276 | ..... | 5, 530, 538 | ..... | ..... |
| 1864 | 97, 134, 624 | 3, 527, 010 | 100, 661, 634 | 11, 176, 769 | 89, 484, 865 | ..... |
| 1865 | 56, 558, 706 | 1, 822, 327 | 58, 381, 033 | 6, 496, 228 | 51, 882, 805 | ..... |
| 1866 | 70, 127, 466 | 1, 069, 843 | 71, 197, 309 | 8, 196, 261 | 63, 001, 048 | ..... |
| 1867 | 36, 229, 676 | 2, 796, 951 | 39, 026, 627 | 17, 024, 866 | 22, 001, 761 | ..... |
| 1868 | 68, 231, 158 | 4, 165, 186 | 73, 396, 344 | 8, 737, 443 | 63, 658, 901 | ..... |
| 1869 | 28, 442, 776 | 7, 560, 722 | 36, 003, 498 | 14, 132, 568 | 21, 870, 930 | ..... |
| 1870 | 28, 580, 609 | 5 055, 353 | 33, 635, 962 | 12, 056, 950 | 21, 579, 012 | ..... |
| 1871 | 64, 581, 678 | 2, 104, 530 | 66, 686, 208 | 6, 883, 561 | 59, 802, 647 | ..... |
| 1872 | 48, 377, 502 | 1, 171, 258 | 49, 548, 760 | 8, 717, 458 | 40, 831, 302 | ..... |
| 1873 | 44, 472, 038 | 384, 677 | 44, 856, 715 | 8, 682, 447 | 36, 174, 268 | ..... |
| 1874 | 32, 645, 486 | 1, 396, 934 | 34, 042, 420 | 19, 503, 137 | 14, 539, 283 | ..... |
| 1875 | 61, 543, 545 | 5, 437, 432 | 66, 980, 977 | 13, 696, 793 | 53, 284, 184 | ..... |
| 1876 | 29, 431, 757 | 1, 745, 293 | 31, 177, 050 | 7, 992, 769 | 23, 184, 341 | ..... |
| 1877 | 22, 359, 101 | 4, 231, 273 | 26, 590, 374 | 26, 246, 234 | 344, 140 | ..... |
| 1878 | 6, 632, 570 | 2, 571, 885 | 9, 204, 455 | 13, 330, 215 | ..... | 4, 125, 760 |
| 1879 | 4, 145, 085 | 442, 529 | 4, 587, 614 | 5, 624, 948 | ..... | 1, 037, 334 |
| 1880 | 1, 775, 089 | 1, 863, 986 | 3, 639, 025 | 80, 758, 396 | ..... | 77, 119, 371 |
| 1881 | 1, 826, 307 | 728, 325 | 2, 565, 132 | 100, 031, 259 | ..... | 97, 466, 127 |
| 1882 | 31, 408, 625 | 1, 184, 255 | 32, 587, 880 | 34, 377, 054 | ..... | 1, 789, 174 |
| 1883 | 8, 920, 909 | 2, 679, 979 | 11, 600, 888 | 17, 734, 149 | ..... | 6, 133, 261 |
| 1884 | 35, 294, 204 | 5, 787, 753 | 41, 081, 957 | 22, 831, 817 | 18, 250, 640 | ..... |
| 1885 | 2, 741, 559 | 5, 736, 333 | 8, 477, 892 | 26, 691, 696 | ..... | 18, 213, 804 |
| 1886 | 32, 766, 066 | 10, 186, 125 | 42, 952, 191 | 20, 743, 349 | 22,208, 842 | ..... |
| 1887 | 5, 705, 304 | 3, 995, 883 | 9, 701, 187 | 42, 910, 601 | ..... | 33, 209, 414 |
| 1888 | 12, 560, 084 | 5, 816, 150 | 18, 376, 234 | 43, 934, 317 | ..... | 25, 558, 083 |
| 1889 | 54, 980, 332 | 5, 021, 953 | 59, 952, 285 | 10, 284, 858 | 49, 667, 427 | ..... |
| 1890 | 13, 463, 632 | 3, 870, 359 | 17, 274, 491 | 12, 943, 342 | 4, 331, 149 | ..... |
| 1891 | 84, 939, 551 | 1, 423, 103 | 86, 362, 654 | 18, 232, 567 | 68, 130, 087 | ..... |
| 1892 | 43, 321, 351 | 6, 873, 976 | 50, 195, 327 | 49, 699, 454 | 495, 873 | ..... |
| 1893 | 102, 068, 153 | 6, 612, 691 | 108, 680, 844 | 21, 174, 381 | 87, 506, 463 | ..... |

a Gold and silver prior to 1864 can not be separately stated, but it is probable that the greater portion of the exports was gold.

**No. 36.—VALUE OF SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES FROM 1844 TO 1893, INCLUSIVE; ALSO ANNUAL EXCESS OF IMPORTS OR OF EXPORTS.**

| Year ending June 30— | Exports. | | | Imports. | Excess of exports over imports. | Excess of imports over exports. |
|---|---|---|---|---|---|---|
| | Domestic.[a] | Foreign. | Total. | | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1844 | ..... | 4,087,693 | ..... | 4,217,125 | ..... | ..... |
| 1845 | ..... | 5,551,070 | ..... | 3,251,392 | ..... | ..... |
| 1846 | ..... | 1,852,069 | ..... | 2,867,319 | ..... | ..... |
| 1847 | ..... | 869,103 | ..... | 2,546,358 | ..... | ..... |
| 1848 | ..... | 4,770,419 | ..... | 2,951,529 | ..... | ..... |
| 1849 | ..... | 3,432,415 | ..... | 2,582,593 | ..... | ..... |
| 1850 | ..... | 2,962,367 | ..... | 2,852,086 | ..... | ..... |
| 1851 | ..... | 6,635,339 | ..... | 1,884,413 | ..... | ..... |
| 1852 | ..... | 2,600,156 | ..... | 1,846,985 | ..... | ..... |
| 1853 | ..... | 2,044,017 | ..... | 1,774,026 | ..... | ..... |
| 1854 | ..... | 727,040 | ..... | 3,726,623 | ..... | ..... |
| 1855 | ..... | 1,138,128 | ..... | 2,567,010 | ..... | ..... |
| 1856 | ..... | 744,508 | ..... | 3,217,327 | ..... | ..... |
| 1857 | ..... | 3,904,269 | ..... | 5,807,163 | ..... | ..... |
| 1858 | ..... | 2,630,343 | ..... | 7,708,428 | ..... | ..... |
| 1859 | ..... | 2,779,358 | ..... | 5,309,392 | ..... | ..... |
| 1860 | ..... | 3,100,200 | ..... | 6,041,349 | ..... | ..... |
| 1861 | ..... | 2,367,107 | ..... | 4,047,681 | ..... | ..... |
| 1862 | ..... | 1,447,737 | ..... | 2,508,041 | ..... | ..... |
| 1863 | ..... | 1,993,773 | ..... | 4,053,567 | ..... | ..... |
| 1864 | 3,338,938 | 1,395,969 | 4,734,907 | 1,938,843 | 2,796,064 | ..... |
| 1865 | 8,059,418 | 1,202,775 | 9,262,193 | 3,311,844 | 5,950,349 | ..... |
| 1866 | 12,515,908 | 2,330,854 | 14,846,762 | 2,503,831 | 12,342,931 | ..... |
| 1867 | 18,746,520 | 3,095,225 | 21,841,745 | 5,045,609 | 16,796,136 | ..... |
| 1868 | 15,514,817 | 5,872,941 | 21,387,758 | 5,450,925 | 15,936,833 | ..... |
| 1869 | 14,473,190 | 6,661,692 | 21,134,882 | 5,675,308 | 15,459,574 | ..... |
| 1870 | 15,303,193 | 9,216,511 | 24,519,704 | 14,362,229 | 10,157,475 | ..... |
| 1871 | 19,821,681 | 11,934,099 | 31,755,780 | 14,386,463 | 17,369,317 | ..... |
| 1872 | 24,420,738 | 5,908,036 | 30,328,774 | 5,026,231 | 25,302,543 | ..... |
| 1873 | 29,433,508 | 10,318,351 | 39,751,859 | 12,798,490 | 26,953,369 | ..... |
| 1874 | 27,054,200 | 5,533,785 | 32,587,985 | 8,951,769 | 23,636,216 | ..... |
| 1875 | 22,313,584 | 2,837,581 | 25,151,165 | 7,203,924 | 17,947,241 | ..... |
| 1876 | 20,606,934 | 4,722,318 | 25,329,252 | 7,943,972 | 17,385,280 | ..... |
| 1877 | 20,775,637 | 8,796,226 | 29,571,863 | 14,528,180 | 15,043,683 | ..... |
| 1878 | 20,429,315 | 4,106,355 | 24,535,670 | 16,491,099 | 8,044,571 | ..... |
| 1879 | 13,409,950 | 6,999,877 | 20,409,827 | 14,671,052 | 5,738,775 | ..... |
| 1880 | 7,572,854 | 5,931,040 | 13,503,894 | 12,275,914 | 1,227,980 | ..... |
| 1881 | 12,400,637 | 4,441,078 | 16,841,715 | 10,544,238 | 6,297,477 | ..... |
| 1882 | 12,076,646 | 4,752,953 | 16,829,599 | 8,095,336 | 8,734,263 | ..... |
| 1883 | 12,702,272 | 7,517,173 | 20,219,445 | 10,755,242 | 9,464,203 | ..... |
| 1884 | 14,931,481 | 11,119,995 | 26,051,426 | 14,594,945 | 11,456,481 | ..... |
| 1885 | 21,634,551 | 12,119,082 | 33,753,633 | 16,550,627 | 17,203,006 | ..... |
| 1886 | 19,158,051 | 10,353,168 | 29,511,219 | 17,850,307 | 11,660,912 | ..... |
| 1887 | 17,005,036 | 9,291,468 | 26,296,504 | 17,260,191 | 9,036,313 | ..... |
| 1888 | 20,635,420 | 7,402,529 | 28,037,949 | 15,403,669 | 12,634,280 | ..... |
| 1889 | 25,284,662 | 11,404,586 | 36,689,248 | 18,678,215 | 18,011,033 | ..... |
| 1890 | 22,378,557 | 12,495,372 | 34,873,929 | 21,032,984 | 13,840,945 | ..... |
| 1891 | 14,033,714 | 8,557,274 | 22,590,988 | 18,026,880 | 4,564,108 | ..... |
| 1892 | 16,765,067 | 16,045,492 | 32,810,559 | 19,955,086 | 12,855,473 | ..... |
| 1893 | 23,559,254 | 17,178,065 | 40,737,319 | 23,193,252 | 17,544,067 | ..... |

[a] Gold and silver can not be separately stated prior to 1864, but it is probable that the greater *portion of* the exports was gold.

## No. 37.—Value of GOLD and SILVER COIN and BULLION Imported into, and Exported from, the United States from 1868 to 1893, inclusive.

| Year ending June 30— | Domestic exports. | | | | Foreign exports. | | | | Imports. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gold. | | Silver. | | Gold. | | Silver. | | Gold. | | Silver. | |
| | Bullion. | Coin. | Bullion. | Coin. | Bullion. | Coin. | Bullion. | Coin. | Bullion. | Coin. | Bullion. | Coin. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1868 | 23, 841, 155 | 44, 390, 003 | 12, 978, 311 | 2, 536, 506 | 94, 508 | 4, 070, 678 | 169, 068 | 5, 703, 873 | 1, 784, 536 | 6, 952, 907 | 90, 410 | 5, 360, 515 |
| 1869 | 13, 584, 407 | 14, 858, 369 | 13, 573, 427 | 899, 763 | 19, 146 | 7, 541, 576 | 233, 174 | 6, 428, 518 | 890, 930 | 13, 241, 638 | 55, 142 | 5, 620, 106 |
| 1870 | 15, 812, 108 | 12, 768, 501 | 11, 748, 864 | 3, 554, 329 | 39, 778 | 5, 015, 575 | 2, 682 | 9, 213, 829 | 680, 760 | 11, 376, 190 | 162, 432 | 14, 199, 797 |
| 1871 | 9, 089, 959 | 55, 491, 719 | 17, 285, 916 | 2, 535, 765 | ..... | 2, 104, 580 | ..... | 11, 934, 099 | 1, 177, 387 | 5, 706, 174 | 105, 836 | 14, 280, 627 |
| 1872 | 7, 966, 145 | 40, 391, 357 | 22, 729, 657 | 1, 691, 081 | 4, 780 | 1, 166, 478 | 164, 033 | 5, 744, 003 | 1, 372, 207 | 7, 345, 251 | 280, 909 | 4, 645, 322 |
| 1873 | 8, 810, 175 | 35, 661, 863 | 27, 759, 066 | 1, 674, 442 | ..... | 384, 677 | 85, 795 | 10, 232, 556 | 1, 542, 593 | 7, 139, 854 | 471, 715 | 12, 326, 775 |
| 1874 | 3, 878, 543 | 28, 766, 942 | 22, 498, 782 | 4, 555, 418 | ..... | 1, 896, 934 | 25, 000 | 5, 508, 785 | 1, 614, 669 | 17, 888, 468 | 887, 683 | 8, 114, 086 |
| 1875 | 2, 233, 775 | 59, 309, 770 | 17, 197, 914 | 5, 115, 670 | 3, 696 | 5, 433, 736 | 11, 835 | 2, 825, 746 | 1, 581, 638 | 12, 115, 155 | 1, 295, 754 | 5, 908, 170 |
| 1876 | 1, 888, 896 | 27, 542, 861 | 15, 240, 344 | 5, 366, 590 | 11, 600 | 1, 733, 693 | 15, 995 | 4, 706, 323 | 1, 204, 965 | 6, 787, 744 | 1, 058, 177 | 6, 885, 795 |
| 1877 | 1, 084, 536 | 21, 274, 565 | 11, 482, 894 | 9, 292, 743 | 67, 511 | 4, 163, 762 | 334, 167 | 8, 462, 059 | 2, 119, 570 | 24, 126, 664 | 4, 693, 253 | 9, 834, 927 |
| 1878 | 205, 319 | 6, 427, 251 | 15, 035, 045 | 5, 394, 270 | 1, 450 | 2, 570, 435 | 55, 570 | 3, 550, 785 | 1, 972, 662 | 11, 357, 553 | 6, 971, 849 | 9, 519, 250 |
| 1879 | 24, 774 | 4, 120, 311 | 11, 883, 064 | 1, 526, 886 | 6, 255 | 436, 274 | 1, 483, 614 | 5, 516, 263 | 1, 297, 244 | 4, 327, 704 | 2, 447, 888 | 12, 223, 164 |
| 1880 | 87, 066 | 1, 687, 973 | 6, 912, 864 | 659, 990 | 104, 204 | 1, 759, 782 | 324, 509 | 5, 606, 531 | 20, 337, 445 | 60, 420, 951 | 1, 981, 425 | 10, 294, 489 |
| 1881 | 84, 943 | 1, 741, 364 | 11, 852, 995 | 547, 642 | 2, 157 | 736, 668 | 65, 560 | 4, 375, 518 | 30, 998, 919 | 69, 032, 340 | 2, 303, 472 | 8, 240, 766 |
| 1882 | 1, 598, 336 | 29, 805, 289 | 11, 653, 547 | 423, 099 | 2, 100 | 1, 182, 155 | 78, 793 | 4, 674, 160 | 9, 406, 053 | 24, 971, 001 | 2, 121, 733 | 5, 973, 603 |
| 1883 | 4, 118, 455 | 4, 802, 454 | 12, 251, 378 | 150, 894 | ..... | 2, 679, 979 | 319, 900 | 7, 197, 273 | 3, 334, 708 | 14, 399, 441 | 2, 475, 968 | 8, 279, 274 |
| 1884 | 23, 052, 183 | 12, 242, 021 | 14, 241, 050 | 690, 381 | 2, 400 | 5, 785, 353 | 494, 240 | 10, 625, 755 | 4, 997, 571 | 17, 833, 746 | 2, 910, 451 | 11, 684, 494 |
| 1885 | 895, 750 | 2, 345, 809 | 20, 422, 924 | 1, 211, 627 | ..... | 5, 736, 333 | 58, 470 | 12, 060, 612 | 3, 849, 237 | 17, 842, 459 | 4, 530, 384 | 12, 020, 243 |
| 1886 | 27, 365, 090 | 5, 400, 976 | 18, 693, 313 | 464, 738 | 146, 184 | 10, 039, 941 | 87, 250 | 10, 315, 918 | 4, 073, 458 | 16, 669, 891 | 4, 151, 438 | 13, 698, 869 |
| 1887 | 2, 154, 534 | 3, 550, 770 | 16, 941, 713 | 63, 323 | 18, 932 | 3, 976, 951 | ..... | 9, 291, 468 | 19, 770, 714 | 23, 139, 887 | 4, 932, 697 | 12, 327, 494 |
| 1888 | 9, 848, 685 | 3, 211, 399 | 20, 563, 956 | 71, 464 | ..... | 5, 816, 150 | 31, 980 | 7, 370, 549 | 22, 861, 845 | 21, 572, 472 | 5, 619, 006 | 9, 784, 663 |
| 1889 | 50, 786, 393 | 4, 143, 939 | 25, 217, 903 | 66, 759 | 31, 933 | 4, 990, 020 | 30, 614 | 11, 373, 972 | 1, 705, 450 | 8, 579, 408 | 5, 713, 049 | 12, 965, 166 |
| 1890 | 9, 451, 896 | 3, 951, 736 | 22, 291, 911 | 86, 646 | 13, 800 | 3, 857, 059 | 94, 538 | 12, 400, 834 | 2, 391, 395 | 10, 551, 947 | 7, 085, 684 | 13, 947, 300 |
| 1891 | 17, 234, 651 | 67, 704, 900 | 13, 797, 391 | 236, 323 | 11, 770 | 1, 411, 333 | 29, 914 | 8, 527, 360 | 2, 105, 034 | 16, 127, 583 | 6, 321, 977 | 11, 704, 902 |
| 1892 | 479, 388 | 42, 841, 963 | 16, 633, 385 | 126, 662 | 22, 637 | 6, 851, 339 | 11, 689 | 16, 933, 893 | 11, 358, 518 | 38, 349, 936 | 5, 115, 808 | 14, 839, 278 |
| 1893 | 294, 066 | 101, 844, 087 | 23, 464, 746 | 94, 508 | ..... | 6, 612, 691 | ..... | 17, 178, 065 | 3, 136, 744 | 18, 037, 637 | 4, 978, 400 | 13, 214, 852 |

No. 38.—TOTAL VALUES OF MERCHANDISE RECEIVED FROM THE PRINCIPAL AND OTHER FOREIGN COUNTRIES FOR IMMEDIATE TRANSIT ACROSS UNITED STATES TERRITORY OR FOR IMMEDIATE TRANSSHIPMENT IN PORTS OF THE UNITED STATES TO OTHER FOREIGN COUNTRIES, AND SO SHIPPED, DURING EACH YEAR FROM 1873 TO 1893, INCLUSIVE.

COUNTRIES FROM WHICH RECEIVED.

| Year ending June 30— | Europe. | | | | | British North America. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | United Kingdom. | Germany. | France. | Other Europe. | Total. | Nova Scotia, New Brunswick, and Prince Edward Island. | Quebec, Ontario, Manitoba, and the Northwest Territory. | British Columbia. | Newfoundland and Labrador. | Total. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1873 | 19, 144, 815 | 250, 704 | 188, 743 | 95, 002 | 19, 679, 269 | 495, 289 | 12, 894, 164 | 5, 240 | ..... | 13, 394, 693 |
| 1874 | 18, 832, 900 | 211, 907 | 185, 517 | 62, 430 | 19, 292, 754 | 449, 655 | 13, 616, 344 | 97, 691 | ..... | 14, 163, 690 |
| 1875 | 18, 657, 276 | 325, 648 | 288, 946 | 141, 654 | 19, 413, 524 | 443, 570 | 17, 342, 933 | 256, 074 | ..... | 18, 042, 577 |
| 1876 | 14, 304, 197 | 290, 489 | 184, 436 | 155, 257 | 14, 934, 379 | 261, 443 | 22, 134, 275 | 195, 047 | 1, 137 | 22, 591, 902 |
| 1877 | 13, 732, 085 | 337, 897 | 192, 370 | 143, 482 | 14, 405, 843 | 160, 658 | 12, 092, 619 | 218, 418 | ..... | 12, 471, 695 |
| 1878 | 10, 084, 510 | 378, 768 | 152, 352 | 69, 891 | 10, 685, 521 | 168, 978 | 11, 627, 114 | 412, 966 | ..... | 12, 204, 058 |
| 1879 | 8, 795, 240 | 521, 917 | 216, 816 | 71, 354 | 9, 605, 427 | 194, 129 | 11, 606, 832 | 280, 079 | 55 | 12, 081, 095 |
| 1880 | 10, 314, 139 | 620, 704 | 283, 014 | 112, 426 | 11, 330, 283 | 215, 131 | 16, 782, 315 | 187, 271 | ..... | 17, 134, 717 |
| 1881 | 14, 898, 053 | 721, 844 | 423, 459 | 192, 229 | 16, 235, 584 | 171, 383 | 16, 758, 108 | 72, 555 | ..... | 17, 002, 046 |
| 1882 | 18, 911, 637 | 755, 560 | 613, 786 | 1, 154, 788 | 21, 435, 771 | 164, 990 | 28, 265, 083 | 113, 018 | 87 | 28, 543, 178 |
| 1883 | 20, 242, 223 | 1, 149, 195 | 813, 804 | 1, 221, 862 | 23, 427, 083 | 561, 791 | 29, 204, 031 | 36, 973 | 25 | 29, 802, 820 |
| 1884 | 14, 036, 694 | 948, 901 | 732, 990 | 1, 144, 241 | 16, 862, 826 | 656, 233 | 12, 574, 953 | 188, 041 | ..... | 13, 419, 227 |
| 1885 | 11, 064, 186 | 1, 140, 548 | 713, 567 | 568, 698 | 13, 486, 994 | 933, 806 | 12, 280, 433 | 308, 691 | 683 | 13, 523, 613 |
| 1886 | 13, 142, 644 | 1, 462, 414 | 834, 560 | 438, 805 | 15, 878, 423 | 1, 165, 973 | 8, 303, 864 | 359, 104 | 32, 079 | 10, 861, 020 |
| 1887 | 17, 977, 200 | 1, 670, 952 | 1, 128, 816 | 551, 946 | 21, 328, 914 | 1, 684, 780 | 8, 606, 175 | 218, 816 | ..... | 11, 504, 721 |
| 1888 | 13, 707, 240 | 1, 817, 511 | 1, 189, 672 | 765, 514 | 17, 479, 937 | 1, 525, 043 | 6, 417, 701 | 372, 934 | 27, 134 | 8, 342, 817 |
| 1889 | 19, 080, 674 | 2, 582, 456 | 1, 388, 525 | 792, 444 | 23, 794, 099 | 2, 596, 233 | 8, 355, 178 | 294, 859 | 89, 853 | 11, 336, 123 |
| 1890 | 20, 664, 427 | 2, 735, 546 | 1, 450, 227 | 1, 520, 476 | 26, 370, 676 | 3, 070, 657 | 12, 449, 772 | 306, 897 | 174, 584 | 16, 001, 910 |
| 1891 | 20, 679, 854 | 2, 819, 238 | 1, 475, 759 | 1, 238, 755 | 26, 413, 507 | 3, 859, 079 | 15, 310, 945 | 422, 806 | 187, 640 | 19, 780, 470 |
| 1892 | 21, 334, 783 | 2, 930, 571 | 1, 480, 428 | 1, 858, 127 | 27, 598, 909 | 4, 393, 062 | 19, 605, 704 | 201, 373 | 328, 116 | 23, 928, 255 |
| 1893 | 20, 237, 339 | 3, 466, 885 | 1, 318, 257 | 2, 350, 748 | 27, 523, 329 | 1, 909, 597 | 16, 404, 425 | 89, 565 | 381, 986 | 17, 885, 573 |

**No. 38.—Total Values of MERCHANDISE Received from the Principal and Other Foreign Countries for Immediate TRANSIT Across United States Territory, etc., during each Year from 1873 to 1893, inclusive—Continued.**

COUNTRIES FROM WHICH RECEIVED—Continued.

| Year ending June 30— | Mexico. | Central America. | West Indies. | | | South America. | Asia and Oceanica. | Africa. | All other countries. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cuba. | Other West Indies. | Total. | | | | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1873 | 286, 607 | ..... | 5, 737, 904 | 275, 371 | 6, 013, 275 | 451, 881 | 215, 509 | 33, 534 | 24, 417 | 40, 099, 185 |
| 1874 | 151, 920 | ..... | 4, 563, 869 | 153, 792 | 4, 717, 661 | 130, 250 | 338, 141 | ..... | 56, 260 | 38, 850, 676 |
| 1875 | 115, 527 | ..... | 1, 759, 308 | 287, 403 | 2, 046, 711 | 467, 734 | 452, 645 | 31, 829 | 65, 736 | 40, 686, 283 |
| 1876 | 226, 315 | 185 | 2, 962, 963 | 262, 922 | 3, 225, 885 | 224, 199 | 797, 002 | 33, 737 | 29, 101 | 42, 962, 655 |
| 1877 | 158, 852 | ..... | 1, 095, 451 | 202, 977 | 1, 298, 428 | 511, 638 | 391, 860 | 16, 685 | 1, 772 | 29, 256, 773 |
| 1878 | 146, 822 | 1, 694 | 3, 041, 957 | 211, 842 | 3, 253, 799 | 462, 176 | 425, 567 | 129, 581 | 28, 530 | 27, 337, 148 |
| 1879 | 222, 320 | 6, 571 | 1, 954, 042 | 263, 413 | 2, 217, 455 | 463, 421 | 477, 684 | 14, 806 | 7, 088 | 25, 096, 807 |
| 1880 | 239, 655 | 11, 524 | 3, 606, 099 | 303, 920 | 3, 910, 019 | 469, 421 | 624, 861 | 66, 400 | 70, 869 | 33, 857, 749 |
| 1881 | 217, 444 | 6, 874 | 2, 642, 550 | 425, 883 | 3, 068, 433 | 361, 005 | 772, 355 | 34, 534 | 5, 783 | 37, 704, 058 |
| 1882 | 380, 100 | 23, 636 | 5, 662, 926 | 537, 190 | 6, 200, 116 | 516, 248 | 820, 588 | 143, 565 | 2, 257 | 58, 065, 459 |
| 1883 | 281, 309 | 16, 278 | 3, 126, 069 | 472, 784 | 3, 598, 853 | 489, 065 | 1, 053, 157 | 85, 901 | 123, 861 | 58, 878, 327 |
| 1884 | 408, 124 | 49, 784 | 3, 655, 568 | 355, 819 | 4, 011, 387 | 185, 287 | 1, 487, 981 | 155, 575 | 284, 251 | 36, 814, 392 |
| 1885 | 308, 298 | 12, 685 | 4, 853, 354 | 330, 860 | 5, 184, 214 | 325, 303 | 1, 399, 563 | 191, 634 | 3, 239 | 34, 435, 538 |
| 1886 | 216, 078 | 37, 964 | 6, 797, 879 | 327, 513 | 7, 125, 392 | 620, 629 | 2, 131, 640 | 163, 697 | 3, 421 | 37, 038, 264 |
| 1887 | 111, 635 | 73, 674 | 6, 780, 853 | 558, 105 | 7, 338, 958 | 526, 863 | 1, 591, 679 | 238, 151 | 1, 526 | 42, 766, 121 |
| 1888 | 120, 497 | 92, 195 | 4, 820, 846 | 513, 629 | 5, 334, 475 | 534, 544 | 1, 224, 152 | 193, 343 | 21, 250 | 33, 343, 209 |
| 1889 | 296, 654 | 322, 195 | 8, 054, 736 | 675, 238 | 9, 729, 974 | 481, 835 | 1, 220, 487 | 220, 027 | 1, 859 | 47, 403, 253 |
| 1890 | 639, 050 | 368, 142 | 9, 759, 256 | 704, 921 | 10, 464, 177 | 627, 372 | 1, 054, 050 | 153, 650 | 19, 925 | 55, 698, 952 |
| 1891 | 565, 338 | 225, 673 | 6, 977, 901 | 986, 558 | 7, 964, 459 | 1, 313, 689 | 1, 066, 449 | 162, 256 | 1, 986 | 57, 497, 917 |
| 1892 | 1, 223, 455 | 526, 423 | 11, 054, 445 | 1, 554, 707 | 12, 609, 152 | 2, 042, 738 | 1, 260, 421 | 216, 682 | 1, 702 | 69, 567, 737 |
| 1893 | 1, 652, 200 | 489, 615 | 10, 121, 171 | 1, 913, 080 | 12, 044, 251 | 6, 898, 390 | 1, 257, 612 | 193, 215 | 19, 712 | 67, 949, 837 |

**No. 38.—Total Values of MERCHANDISE Received from the Principal and Other Foreign Countries for Immediate TRANSIT Across United States Territory, etc., during each Year from 1873 to 1893, inclusive—Continued.**

COUNTRIES TO WHICH SHIPPED.

| Year ending June 30— | Europe. | | | | | British North America. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | United Kingdom. | Germany. | France. | Other Europe. | Total. | Nova Scotia, New Brunswick, and Prince Edward Island. | Quebec, Ontario, Manitoba, and the Northwest Territory. | British Columbia. | Newfoundland and Labrador. | Total. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1873 | 5,144,175 | 5,622,325 | 37,332 | 1,227,157 | 12,030,989 | 5,282,290 | 21,320,174 | 181,720 | ..... | 26,784,184 |
| 1874 | 5,391,201 | 3,866,642 | 9,346 | 423,040 | 9,690,229 | 7,150,036 | 19,843,169 | 317,534 | ..... | 27,310,739 |
| 1875 | 7,229,912 | 1,495,285 | 13,780 | 31,843 | 8,770,820 | 8,999,596 | 20,283,639 | 517,060 | ..... | 29,800,295 |
| 1876 | 11,791,200 | 2,958,558 | 84,817 | 101,327 | 14,885,902 | 9,102,600 | 14,658,358 | 658,836 | 94 | 24,419,888 |
| 1877 | 7,758,501 | 1,108,298 | 82,848 | 108,472 | 9,008,119 | 2,879,422 | 15,551,238 | 544,018 | 2,475 | 18,977,153 |
| 1878 | 9,577,050 | 2,905,230 | 111,444 | 154,208 | 12,747,932 | 951,268 | 11,436,470 | 524,018 | 934 | 12,912,685 |
| 1879 | 8,175,951 | 2,252,572 | 110,029 | 108,781 | 10,647,333 | 889,539 | 11,520,877 | 476,824 | 2,347 | 12,889,587 |
| 1880 | 10,856,579 | 3,658,477 | 162,525 | 560,026 | 15,237,607 | 1,643,716 | 14,866,663 | 531,436 | 288 | 17,042,103 |
| 1881 | 9,122,079 | 2,729,246 | 172,460 | 174,482 | 12,198,267 | 1,778,836 | 20,857,827 | 719,268 | 333 | 23,356,264 |
| 1882 | 11,592,806 | 5,336,361 | 252,188 | 365,338 | 17,546,693 | 2,732,665 | 34,005,845 | 855,784 | 1,190 | 37,595,484 |
| 1883 | 11,089,865 | 2,758,994 | 204,040 | 305,470 | 14,358,369 | 2,455,537 | 35,878,389 | 971,307 | 7,335 | 39,312,568 |
| 1884 | 5,287,889 | 2,960,488 | 147,198 | 455,947 | 8,851,522 | 1,740,900 | 19,717,466 | 1,475,833 | 5,186 | 22,939,385 |
| 1885 | 7,235,519 | 3,771,524 | 283,930 | 289,462 | 11,579,435 | 1,635,442 | 16,448,942 | 1,615,293 | 781 | 19,700,458 |
| 1886 | 8,510,097 | 3,803,566 | 139,097 | 457,524 | 12,910,284 | 2,040,298 | 16,369,429 | 1,825,178 | 6,174 | 20,241,079 |
| 1887 | 10,052,219 | 4,353,992 | 360,437 | 454,809 | 15,221,457 | 1,621,748 | 19,930,296 | 635,841 | 70 | 22,187,955 |
| 1888 | 6,853,195 | 2,551,043 | 354,635 | 329,292 | 10,088,165 | 1,781,028 | 13,459,169 | 370,322 | 1,137 | 15,611,656 |
| 1889 | 9,233,659 | 4,581,064 | 635,084 | 408,747 | 14,858,554 | 2,484,787 | 18,993,957 | 665,527 | 2,704 | 22,146,975 |
| 1890 | 10,656,465 | 5,097,434 | 348,252 | 605,110 | 16,707,261 | 5,277,210 | 21,140,198 | 913,106 | 4,690 | 27,335,204 |
| 1891 | 11,968,808 | 3,640,940 | 348,721 | 904,865 | 16,863,334 | 5,605,614 | 21,695,992 | 547,144 | 34,273 | 27,883,023 |
| 1892 | 20,141,862 | 6,995,419 | 1,336,555 | 1,843,328 | 30,317,164 | 2,079,783 | 24,189,181 | 428,188 | 6,962 | 26,704,114 |
| 1893 | 18,511,287 | 7,986,637 | 3,455,350 | 1,752,962 | 31,706,256 | 2,052,357 | 20,232,410 | 409,055 | 26,289 | 22,720,111 |

**No. 38.—Total Values of MERCHANDISE Received from the Principal and Other Foreign Countries for Immediate TRANSIT Across United States Territory, etc., during each Year from 1873 to 1893, inclusive—Continued.**

COUNTRIES TO WHICH SHIPPED—Continued.

| Year ending June 30— | Mexico. | Central America. | West Indies. | | | South America. | Asia and Oceanica. | Africa. | All other countries. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cuba. | Other West Indies. | Total. | | | | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1873 | 235,118 | 99,502 | 319,771 | 102,239 | 422,010 | 99,450 | 391,372 | 13,892 | 22,673 | 40,099,185 |
| 1874 | 665,214 | 36,408 | 520,493 | 129,487 | 649,980 | 184,326 | 284,572 | 18,000 | 11,208 | 38,850,676 |
| 1875 | 1,155,004 | 88,030 | 248,358 | 157,646 | 406,004 | 156,824 | 291,973 | 6,750 | 10,583 | 40,686,283 |
| 1876 | 1,129,440 | 74,717 | 600,061 | 190,788 | 790,849 | 396,603 | 360,400 | 786 | 4,070 | 42,062,655 |
| 1877 | 329,577 | 65,441 | 306,311 | 158,912 | 465,223 | 151,077 | 257,375 | 2,344 | 464 | 29,256,773 |
| 1878 | 316,664 | 38,300 | 319,611 | 334,491 | 654,102 | 286,168 | 375,521 | 1,189 | 4,592 | 27,337,148 |
| 1879 | 330,968 | 62,698 | 174,757 | 361,649 | 536,406 | 222,256 | 402,152 | 2,670 | 1,802 | 25,095,867 |
| 1880 | 300,148 | 37,963 | 224,848 | 563,476 | 788,324 | 173,551 | 270,396 | 5,805 | 1,852 | 33,857,749 |
| 1881 | 671,008 | 74,320 | 177,340 | 699,861 | 877,201 | 210,368 | 315,418 | 1,212 | ..... | 37,704,058 |
| 1882 | 800,025 | 91,060 | 319,257 | 690,841 | 1,010,098 | 524,578 | 485,175 | 12,346 | ..... | 58,065,459 |
| 1883 | 2,282,473 | 166,719 | 352,552 | 778,254 | 1,130,806 | 1,153,915 | 462,768 | 10,280 | 429 | 58,878,327 |
| 1884 | 2,748,434 | 107,949 | 221,061 | 713,535 | 934,596 | 671,511 | 550,341 | 7,644 | 3,010 | 36,814,392 |
| 1885 | 1,262,515 | 72,420 | 119,376 | 747,600 | 866,976 | 544,804 | 402,679 | 2,491 | 3,760 | 34,435,538 |
| 1886 | 1,279,399 | 131,238 | 452,700 | 1,044,876 | 1,497,576 | 479,832 | 485,131 | 11,670 | 2,055 | 37,038,264 |
| 1887 | 2,002,476 | 255,449 | 608,121 | 1,305,360 | 1,913,481 | 613,432 | 551,229 | 14,215 | 6,427 | 42,766,121 |
| 1888 | 3,766,180 | 353,726 | 563,539 | 1,558,010 | 2,121,549 | 646,614 | 729,226 | 18,045 | 8,048 | 33,343,209 |
| 1889 | 4,781,110 | 315,123 | 892,158 | 2,428,619 | 3,320,777 | 1,182,639 | 788,917 | 5,762 | 3,396 | 47,403,253 |
| 1890 | 4,944,149 | 423,671 | 1,215,399 | 2,908,626 | 4,124,025 | 1,329,436 | 811,912 | 18,423 | 4,871 | 55,698,952 |
| 1891 | 5,052,318 | 549,934 | 966,851 | 3,821,869 | 4,788,720 | 1,723,889 | 596,212 | 15,764 | 24,723 | 57,497,917 |
| 1892 | 4,953,911 | 503,038 | 1,472,980 | 3,249,961 | 4,722,941 | 1,854,349 | 494,389 | 7,549 | 10,282 | 60,567,737 |
| 1893 | 4,607,549 | 461,991 | 2,034,761 | 3,500,372 | 5,535,133 | 2,136,785 | 390,737 | 18,057 | 373,168 | 67,949,887 |

## No. 39.—Value of Merchandise Imported at the Principal and all Other Ports of the United States during each Year from 1867 to 1893, inclusive.

| Year ending June 30— | Baltimore, Md. | Boston and Charlestown, Mass. | Charleston, S. C. | Galveston, Tex. | New Orleans, La. | New York, N. Y. | Norfolk and Portsmouth, Va. | Philadelphia, Pa. | Portland and Falmouth, Me. | San Francisco, Cal. | Savannah, Ga. | All other ports. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1867 a | 13,209,509 | 45,280,555 | 661,986 | 571,757 | 11,142,249 | 277,469,510 | 19,886 | 15,349,480 | 4,086,299 | 18,064,911 | 257,512 | 32,717,937 | 417,831,571 |
| 1868 | 12,929,349 | 36,942,341 | 497,360 | 579,966 | 10,732,697 | 236,791,028 | 15,740 | 14,445,205 | 3,291,043 | 15,685,337 | 474,078 | 25,052,356 | 357,436,440 |
| 1869 | 15,863,032 | 44,583,822 | 401,244 | 266,517 | 11,064,200 | 282,060,008 | 205,591 | 15,882,188 | 2,923,216 | 15,117,604 | 748,977 | 28,389,980 | 417,506,379 |
| 1870 | 19,512,468 | 47,434,060 | 505,699 | 509,231 | 14,877,471 | 281,048,813 | 14,451 | 14,483,211 | 2,922,164 | 15,982,549 | 1,001,917 | 38,116,374 | 435,958,408 |
| 1871 | 24,672,871 | 58,613,754 | 621,559 | 1,255,003 | 18,421,796 | 348,755,769 | 94,091 | 17,728,006 | 3,129,469 | 15,978,395 | 1,090,717 | 35,862,354 | 520,223,684 |
| 1872 | 28,334,566 | 70,275,066 | 740,976 | 1,741,000 | 18,433,285 | 416,162,512 | 290,128 | 20,388,532 | 2,467,550 | 27,222,270 | 627,410 | 39,416,482 | 626,595,077 |
| 1873 | 29,251,444 | 67,969,345 | 746,189 | 2,426,636 | 19,867,501 | 418,709,493 | 146,367 | 25,393,061 | 2,955,691 | 32,679,791 | 820,258 | 41,170,494 | 642,136,210 |
| 1874 | 29,283,894 | 52,059,729 | 903,575 | 1,419,955 | 14,424,248 | 376,782,380 | 80,381 | 26,446,037 | 2,727,598 | 26,735,461 | 741,333 | 35,951,756 | 567,406,342 |
| 1875 | 27,787,451 | 51,908,567 | 680,343 | 1,216,265 | 12,320,822 | 357,136,893 | 18,929 | 24,094,323 | 1,782,987 | 24,677,243 | 755,901 | 30,635,692 | 533,005,436 |
| 1876 | 22,305,346 | 37,222,890 | 455,563 | 1,332,940 | 11,216,572 | 303,466,910 | 21,415 | 22,471,367 | 1,178,423 | 23,435,128 | 490,771 | 32,143,866 | 460,741,190 |
| 1877 | 22,322,544 | 42,218,338 | 148,698 | 1,411,594 | 9,326,606 | 298,261,378 | 8,978 | 19,678,874 | 1,729,271 | 29,646,823 | 521,342 | 26,053,690 | 451,323,126 |
| 1878 | 16,899,855 | 40,268,023 | 134,564 | 1,078,368 | 10,921,412 | 292,797,559 | 33,011 | 19,333,496 | 833,981 | 26,575,610 | 494,892 | 27,680,761 | 437,051,532 |
| 1879 | 14,017,604 | 40,448,791 | 131,185 | 856,089 | 6,902,021 | 302,349,053 | 33,814 | 24,377,271 | 755,868 | 29,111,744 | 428,519 | 26,365,816 | 445,777,775 |
| 1880 | 19,945,989 | 68,503,196 | 202,790 | 1,094,514 | 10,611,853 | 459,937,153 | 47,057 | 35,944,500 | 1,891,086 | 35,221,751 | 483,802 | 34,571,615 | 667,954,746 |
| 1881 | 16,189,816 | 61,960,103 | 440,240 | 3,101,324 | 12,218,920 | 435,450,905 | 113,688 | 32,583,106 | 1,809,212 | 37,943,695 | 876,092 | 39,982,527 | 642,664,628 |
| 1882 | 14,938,258 | 69,594,057 | 577,145 | 3,022,274 | 12,133,291 | 493,060,891 | 369,096 | 34,136,579 | 2,453,394 | 41,001,636 | 847,694 | 52,505,256 | 724,689,574 |
| 1883 | 14,599,179 | 72,552,075 | 498,891 | 1,511,712 | 9,596,762 | 496,005,276 | 186,355 | 33,738,556 | 2,486,359 | 45,702,530 | 483,281 | 45,819,988 | 723,180,914 |
| 1884 | 11,423,665 | 65,365,551 | 462,949 | 1,119,708 | 10,784,561 | 465,119,630 | 223,626 | 33,657,216 | 2,403,569 | 35,857,698 | 652,360 | 40,127,220 | 667,697,693 |
| 1885 | 11,849,695 | 53,445,929 | 446,901 | 1,157,879 | 8,668,553 | 380,077,748 | 130,214 | 29,919,019 | 1,297,080 | 35,040,250 | 652,625 | 54,321,845 | 577,527,329 |
| 1886 | 11,606,944 | 58,430,707 | 721,581 | 757,133 | 8,115,171 | 419,388,932 | 124,717 | 36,561,313 | 1,907,644 | 37,142,117 | 426,353 | 60,213,524 | 635,436,136 |
| 1887 | 12,585,920 | 61,018,330 | 553,203 | 705,309 | 9,652,135 | 456,698,631 | 99,956 | 39,952,349 | 2,002,388 | 40,707,708 | 201,765 | 68,192,074 | 692,819,768 |
| 1888 | 11,741,585 | 63,897,778 | 490,102 | 715,868 | 11,617,749 | 470,426,774 | 95,036 | 41,772,121 | 1,290,532 | 46,692,905 | 293,727 | 74,982,337 | 723,957,114 |
| 1889 | 15,223,844 | 66,731,023 | 662,606 | 722,656 | 14,492,480 | 472,153,507 | 180,640 | 48,528,602 | 906,291 | 48,425,760 | 378,981 | 76,780,262 | 745,131,652 |
| 1890 | 13,140,203 | 62,876,966 | 646,644 | 415,792 | 14,658,168 | 516,426,693 | 89,042 | 53,936,315 | 622,034 | 48,751,223 | 472,343 | 77,275,291 | 789,310,409 |
| 1891 | 20,555,687 | 71,213,614 | 993,243 | 648,021 | 20,267,060 | 537,786,007 | 75,172 | 59,437,890 | 730,963 | 50,943,299 | 515,862 | 81,760,373 | 844,916,196 |
| 1892 | 12,418,523 | 71,780,489 | 896,631 | 1,317,000 | 18,909,553 | 536,538,112 | 44,435 | 60,006,791 | 844,929 | 47,135,684 | 301,904 | 76,208,961 | 827,402,463 |
| 1893 | 16,150,946 | 79,357,654 | 601,437 | 863,452 | 21,789,782 | 548,558,598 | 40,153 | 66,122,147 | 551,330 | 45,291,099 | 337,867 | 86,736,022 | 866,400,922 |

a Includes specie.

## No. 40.—Value of DOMESTIC MERCHANDISE EXPORTED from the Principal and all Other Ports of the United States during each Year from 1867 to 1893, inclusive.

[Mixed gold and currency values.]

| Year ending June 30— | Baltimore, Md. | Boston and Charlestown, Mass. | Charleston, S. C. | Galveston, Tex. | New Orleans, La. | New York, N. Y. | Norfolk and Portsmouth, Va. | Philadelphia, Pa. | Portland and Falmouth, Me. | San Francisco, Cal. | Savannah, Ga. | All other ports. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1867 | 10, 964, 409 | 16, 496, 679 | 11, 785, 918 | 6, 979, 796 | 82, 297, 968 | 170, 465, 028 | 2, 013, 960 | 16, 535, 807 | 1, 582, 701 | 11, 555, 241 | 16, 668, 684 | 38, 399, 841 | 385, 746, 032 |
| 1868 | 13, 813, 084 | 14, 944, 806 | 9, 913, 776 | 5, 829, 110 | 58, 303, 242 | 166, 162, 651 | 1, 719, 094 | 14, 339, 754 | 2, 410, 877 | 13, 558, 680 | 24, 646, 219 | 44, 914, 445 | 370, 555, 738 |
| 1869 | 13, 651, 335 | 13, 118, 827 | 7, 421, 188 | 9, 616, 153 | 75, 070, 775 | 158, 768, 835 | 1, 371, 796 | 14, 527, 959 | 2, 369, 164 | 12, 273, 700 | 21, 057, 728 | 41, 797, 689 | 371, 045, 149 |
| 1870 | 14, 310, 508 | 13, 246, 267 | 10, 772, 071 | 14, 869, 601 | 107, 367, 676 | 187, 092, 158 | 1, 307, 440 | 16, 896, 072 | 1, 488, 189 | 13, 385, 991 | 29, 749, 058 | 45, 728, 310 | 455, 208, 341 |
| 1871 | 15, 008, 305 | 11, 974, 229 | 12, 387, 524 | 13, 764, 384 | 93, 759, 421 | 213, 298, 365 | 628, 048 | 17, 776, 027 | 2, 972, 401 | 12, 494, 102 | 32, 857, 902 | 51, 194, 584 | 478, 115, 292 |
| 1872 | 18, 321, 121 | 20, 907, 869 | 10, 933, 430 | 12, 211, 774 | 89, 470, 542 | 218, 222, 784 | 888, 037 | 20, 954, 775 | 3, 512, 986 | 9, 685, 388 | 28, 246, 607 | 42, 066, 215 | 476, 421, 478 |
| 1873 | 19, 335, 978 | 26, 823, 175 | 14, 200, 041 | 17, 629, 633 | 104, 260, 571 | 258, 118, 548 | 1, 235, 068 | 24, 174, 757 | 3, 114, 368 | 24, 225, 520 | 32, 675, 500 | 49, 438, 858 | 575, 227, 017 |
| 1874 | 27, 485, 879 | 28, 326, 612 | 17, 900, 146 | 19, 135, 951 | 92, 984, 936 | 293, 926, 705 | 1, 831, 036 | 33, 065, 405 | 3, 581, 502 | 24, 415, 007 | 30, 213, 476 | 60, 473, 213 | 633, 339, 368 |
| 1875 | 27, 437, 757 | 29, 163, 829 | 19, 655, 966 | 15, 869, 152 | 71, 418, 662 | 253, 478, 584 | 5, 243, 986 | 28, 432, 974 | 3, 119, 923 | 23, 266, 395 | 29, 666, 666 | 52, 483, 764 | 559, 237, 638 |
| 1876 | 31, 206, 807 | 36, 682, 892 | 18, 088, 152 | 15, 245, 041 | 83, 823, 693 | 253, 115, 994 | 7, 053, 841 | 40, 243, 150 | 4, 287, 219 | 22, 478, 350 | 22, 681, 753 | 60, 660, 823 | 594, 917, 715 |
| 1877 | 39, 141, 274 | 42, 747, 795 | 19, 945, 536 | 15, 160, 394 | 76, 182, 143 | 274, 120, 814 | 6, 716, 338 | 45, 483, 046 | 3, 703, 950 | 28, 927, 528 | 16, 199, 441 | 70, 652, 595 | 632, 980, 854 |
| 1878 | 45, 492, 527 | 46, 542, 044 | 17, 727, 783 | 12, 177, 540 | 85, 368, 466 | 327, 226, 478 | 8, 698, 680 | 44, 508, 089 | 3, 347, 866 | 20, 937, 049 | 18, 544, 963 | 65, 183, 454 | 695, 749, 930 |
| 1879 | 57, 474, 495 | 48, 100, 019 | 19, 607, 897 | 16, 398, 877 | 63, 782, 426 | 327, 796, 819 | 9, 830, 352 | 47, 013, 751 | 2, 246, 886 | 30, 280, 402 | 21, 527, 235 | 55, 485, 083 | 699, 538, 742 |
| 1880 | 76, 220, 870 | 54, 023, 587 | 19, 590, 627 | 16, 712, 861 | 90, 238, 503 | 385, 506, 602 | 14, 065, 455 | 49, 612, 195 | 3, 569, 351 | 31, 845, 712 | 23, 992, 364 | 54, 568, 226 | 823, 946, 353 |
| 1881 | 72, 444, 413 | 72, 100, 193 | 26, 498, 825 | 26, 685, 248 | 103, 530, 548 | 393, 658, 208 | 17, 864, 770 | 44, 147, 296 | 3, 929, 371 | 34, 412, 580 | 27, 575, 161 | 61, 079, 334 | 883, 925, 947 |
| 1882 | 89, 412, 642 | 61, 614, 526 | 19, 475, 433 | 15, 515, 694 | 70, 680, 176 | 332, 102, 136 | 17, 730, 532 | 37, 957, 661 | 2, 323, 577 | 52, 772, 340 | 19, 745, 658 | 63, 909, 957 | 733, 239, 732 |
| 1883 | 54, 956, 050 | 61, 273, 101 | 22, 573, 167 | 29, 627, 898 | 94, 838, 634 | 347, 308, 334 | 18, 445, 548 | 38, 132, 145 | 2, 874, 557 | 44, 139, 303 | 22, 813, 347 | 67, 241, 548 | 804, 223, 632 |
| 1884 | 43, 064, 217 | 62, 528, 000 | 16, 231, 892 | 20, 433, 878 | 81, 630, 030 | 320, 016, 246 | 12, 353, 256 | 36, 467, 799 | 7, 015, 221 | 36, 194, 488 | 19, 947, 349 | 69, 082, 476 | 724, 964. 852 |
| 1885 | 45, 041, 634 | 61, 378, 633 | 18, 882, 566 | 12, 678, 433 | 78, 402, 154 | 334, 718, 227 | 14, 797, 181 | 38, 642, 516 | 3, 883, 624 | 37, 082, 520 | 20, 871, 446 | 60, 304, 012 | 726, 682, 946 |
| 1886 | 35, 844, 829 | 58, 428, 513 | 17, 629, 902 | 16, 960, 514 | 81, 523, 779 | 304, 496, 611 | 11, 656, 137 | 33, 719, 861 | 2, 687, 121 | 29, 564, 561 | 20, 304, 812 | 58, 147, 889 | 665, 964, 529 |
| 1887 | 51, 601, 118 | 57, 775, 156 | 14, 625, 218 | 13, 899, 665 | 79, 050, 983 | 306, 842, 375 | 15, 310, 247 | 35, 361, 876 | 1, 831, 267 | 32, 027, 995 | 23, 783, 313 | 65, 913, 710 | 703, 022, 923 |
| 1888 | 46, 212, 686 | 55, 482, 664 | 15, 464, 752 | 15, 700, 984 | 80, 788, 096 | 301, 486, 784 | 12, 289, 110 | 28, 733, 415 | 1, 877, 680 | 27, 207, 609 | 20, 256, 113 | 78, 862, 861 | 683, 862, 104 |
| 1889 | 50, 602, 996 | 65, 868, 409 | 14, 001, 563 | 15, 525, 180 | 83, 223, 734 | 310, 928, 151 | 13, 841, 897 | 29, 707, 437 | 2, 870, 247 | 37, 043, 100 | 17, 864, 764 | 88, 806, 131 | 730, 282, 609 |
| 1890 | 73, 964, 902 | 70, 364, 955 | 13, 788, 751 | 24, 326, 760 | 107, 300, 687 | 340, 269, 765 | 14, 247, 097 | 37, 239, 820 | 2, 699, 363 | 35, 962, 078 | 20, 884, 109 | 94, 246, 691 | 845, 293, 828 |
| 1891 | 64, 356, 479 | 76, 719, 517 | 21, 940, 886 | 33, 678, 399 | 108, 007, 428 | 337, 806, 277 | 16, 475, 752 | 33, 488, 639 | 2, 573, 892 | 39, 259, 881 | 33, 506, 426 | 104, 507, 207 | 872, 270, 283 |
| 1892 | 96, 799, 890 | 86, 611, 526 | 16, 718, 386 | 35, 102, 289 | 129, 196, 625 | 404, 985, 770 | 13, 065, 537 | 58, 460, 926 | 1, 998, 524 | 39, 987, 226 | 25, 703, 911 | 105, 152, 001 | 1,015,782,011 |
| 1893 | 71, 483, 652 | 84, 595, 157 | 9, 215, 856 | 37, 328, 611 | 77, 396, 766 | 339, 040, 667 | 8, 877, 228 | 49, 374, 447 | 1, 159, 557 | 30, 376, 296 | 19, 839, 320 | 102, 342, 228 | 831, 030, 785 |

## No. 41.—Value of foreign merchandise exported from the Principal and all Other Ports of the United States during each Year from 1867 to 1893, inclusive.

| Year ending June 30— | Baltimore, Md. | Boston and Charlestown, Mass. | Charleston, S. C. | Galveston, Tex. | Huron, Mich. | New Orleans, La. | New York, N. Y. | Norfolk and Portsmouth, Va. | Philadelphia, Pa. | San Francisco, Cal. | Savannah, Ga. | All other districts. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1867a | 128,530 | 2,019,191 | 2,366 | 37,676 | ..... | 586,081 | 11,235,211 | ..... | 187,004 | 1,599,946 | 10,736 | 4,854,767 | 20,611,508 |
| 1868 | 165,184 | 1,665,054 | 3,030 | 93,190 | ..... | 520,276 | 8,574,975 | 32,220 | 84,024 | 675,800 | 1,937 | 797,359 | 12,562,999 |
| 1869 | 240,550 | 1,262,251 | 922 | 24,959 | ..... | 313,855 | 7,167,973 | ..... | 20,753 | 662,058 | 5,970 | 1,252,309 | 10,951,000 |
| 1870 | 200,225 | 1,885,162 | 8,646 | 4,131 | ..... | 219,276 | 9,522,588 | ..... | 31,538 | 605,790 | ..... | 8,677,939 | 16,155,295 |
| 1871 | 86,373 | 1,450,398 | ..... | 22,866 | 840 | 262,158 | 9,412,124 | ..... | 17,256 | 539,126 | 79,140 | 2,550,989 | 14,421,270 |
| 1872 | 124,212 | 1,736,514 | 119 | 159 | 22,340 | 486,043 | 10,287,917 | ..... | 33,874 | 504,686 | 4,064 | 2,490,527 | 15,690,455 |
| 1873 | 77,546 | 2,333,054 | 150 | 86,876 | 111,462 | 290,263 | 11,415,751 | 20,141 | 86,232 | 776,711 | ..... | 2,298,297 | 17,446,483 |
| 1874 | 179,598 | 2,275,023 | ..... | 57,091 | 430,780 | 290,905 | 10,707,633 | ..... | 22,432 | 669,753 | 355 | 2,216,049 | 16,849,619 |
| 1875 | 100,165 | 1,678,868 | ..... | 135,804 | 303,472 | 152,710 | 8,954,641 | ..... | 23,635 | 803,762 | ..... | 2,005,554 | 14,158,611 |
| 1876 | 176,763 | 1,214,244 | ..... | 131,178 | 507,873 | 333,974 | 9,735,585 | ..... | 37,719 | 812,591 | 559 | 1,851,938 | 14,802,424 |
| 1877 | 67,984 | 1,327,401 | 3,140 | 82,692 | 441,498 | 190,061 | 8,096,565 | ..... | 471,270 | 863,065 | 6,265 | 1,255,055 | 12,804,996 |
| 1878 | 138,543 | 1,426,426 | ..... | 70,939 | 345,221 | 221,567 | 9,267,199 | ..... | 44,755 | 854,319 | 483 | 1,787,046 | 14,156,498 |
| 1879 | 82,446 | 1,093,645 | ..... | 58,184 | 103,580 | 125,187 | 8,073,476 | ..... | 64,951 | 1,078,900 | ..... | 1,418,282 | 12,098,651 |
| 1880 | 25,000 | 1,214,754 | 500 | 37,028 | 469,082 | 203,516 | 7,053,488 | ..... | 37,498 | 513,217 | ..... | 2,138,222 | 11,692,305 |
| 1881 | 27,280 | 1,333,484 | ..... | 81,859 | 531,243 | 213,438 | 13,522,816 | 16 | 82,409 | 684,276 | ..... | 1,974,578 | 18,451,399 |
| 1882 | 15,594 | 856,900 | 28,039 | 8,294 | 300,705 | 278,555 | 12,401,639 | ..... | 173,397 | 704,016 | 231 | 2,534,955 | 17,302,525 |
| 1883 | 47,301 | 1,083,648 | 60 | 1,149 | 814,068 | 268,680 | 14,117,027 | ..... | 15,599 | 820,117 | ..... | 2,448,121 | 19,615,770 |
| 1884 | 15,077 | 969,829 | 175 | 21,070 | 1,305,823 | 238,199 | 9,367,021 | ..... | 24,769 | 856,110 | ..... | 2,250,684 | 15,548,757 |
| 1885 | 11,270 | 621,470 | ..... | 721 | 775,166 | 745,420 | 9,796,534 | ..... | 80,745 | 1,033,104 | ..... | 2,442,379 | 15,506,809 |
| 1886 | 2,959 | 670,555 | 730 | 6,337 | 319,699 | 1,036,417 | 9,832,800 | 1,000 | 38,456 | 663,863 | ..... | 992,485 | 13,560,301 |
| 1887 | 6,031 | 1,226,349 | ..... | 3,223 | 272,984 | 468,926 | 9,504,844 | 109,893 | 64,980 | 683,048 | ..... | 820,010 | 18,160,288 |
| 1888 | 24,691 | 974,720 | 50 | 2,163 | 476 | 469,394 | 9,140,712 | 79,228 | 112,446 | 477,282 | ..... | 811,241 | 12,092,403 |
| 1889 | 8,666 | 965,186 | ..... | 51,012 | 89 | 606,242 | 8,910,404 | ..... | 67,474 | 630,276 | 690 | 878,727 | 12,118,766 |
| 1890 | 18,891 | 836,989 | ..... | 120,071 | 200 | 826,254 | 8,783,026 | 380 | 170,863 | 914,013 | 342 | 863,837 | 12,534,856 |
| 1891 | 55,768 | 900,564 | ..... | 93,606 | 58,990 | 1,099,259 | 8,722,570 | 100 | 235,716 | 908,890 | ..... | 735,064 | 12,210,527 |
| 1892 | 50,307 | 564,110 | ..... | 283,967 | 118,949 | 2,056,848 | 9,017,013 | 300 | 80,581 | 749,818 | 262 | 1,624,032 | 14,546,137 |
| 1893 | 24,349 | 865,265 | ..... | 147,863 | 195,111 | 439,277 | 8,355,050 | ..... | 28,035 | 767,884 | 462 | b5,811,099 | 16,634,409 |

a Includes specie. b Of this Newark, N. J., $4,474,559.

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, DURING EACH YEAR FROM 1879 TO 1893, INCLUSIVE.

## No. 42.—ARGENTINE REPUBLIC.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+) |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 2,023,401 | 103,722 | 2,127,123 | 2,662,300 | 855,805 | 3,518,105 | +1,390,982 |
| 1880 | 1,779,501 | 103,340 | 1,882,841 | 4,457,940 | 1,756,635 | 6,214,575 | +4,331,734 |
| 1881 | 2,258,183 | 169,680 | 3,427,863 | 4,591,078 | 1,078,162 | 5,669,240 | +2,241,377 |
| 1882 | 2,727,917 | 236,336 | 2,964,253 | 3,733,481 | 1,501,433 | 5,234,914 | +2,270,661 |
| 1883 | 3,357,670 | 185,526 | 3,543,196 | 4,885,249 | 1,306,862 | 6,192,111 | +2,648,915 |
| 1884 | 4,825,813 | 248,780 | 5,074,593 | 3,286,803 | 823,235 | 4,110,038 | —964,555 |
| 1885 | 4,327,026 | 349,475 | 4,676,501 | 3,154,337 | 1,174,173 | 4,328,510 | —347,991 |
| 1886 | 4,331,770 | 393,876 | 4,725,646 | 3,506,963 | 1,515,383 | 5,022,346 | +296,700 |
| 1887 | 5,671,729 | 692,816 | 6,364,545 | 3,347,936 | 752,256 | 4,100,192 | —2,264,353 |
| 1888 | 6,099,411 | 544,142 | 6,643,553 | 4,560,071 | 1,342,088 | 5,902,159 | —741,394 |
| 1889 | 8,376,077 | 917,779 | 9,293,856 | 4,134,406 | 1,320,212 | 5,454,618 | —3,839,238 |
| 1890 | 8,322,627 | 564,850 | 8,887,477 | 3,888,381 | 1,513,316 | 5,401,697 | —3,485,780 |
| 1891 | 2,718,075 | 101,960 | 2,820,035 | 4,505,828 | 1,470,716 | 5,976,544 | +3,156,509 |
| 1892 | 2,643,325 | 284,163 | 2,927,488 | 3,921,623 | 1,422,175 | 5,343,798 | +2,416,310 |
| 1893 | 4,786,567 | 193,129 | 4,979,696 | 3,843,843 | 1,395,252 | 5,239,095 | +259,399 |

## No. 43.—AUSTRIA-HUNGARY.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 2,640,648 | 1,059 | 2,641,707 | 168,565 | 147,248 | 315,813 | —2,325,894 |
| 1880 | 2,904,601 | 2,228 | 2,906,829 | 463,839 | 1,151,168 | 1,555,007 | —751,822 |
| 1881 | 2,255,140 | 272 | 2,255,412 | 364,270 | 1,051,341 | 1,415,611 | —839,801 |
| 1882 | 2,286,162 | 9,540 | 2,295,702 | 633,524 | 1,811,288 | 2,444,812 | +149,110 |
| 1883 | 1,715,382 | 64,522 | 1,779,904 | 581,622 | 2,403,301 | 2,984,923 | +1,205,019 |
| 1884 | 2,483,025 | 6,857 | 2,489,882 | 1,176,655 | 6,568,310 | 7,744,965 | +5,255,083 |
| 1885 | 2,609,216 | 105,321 | 2,714,537 | 1,099,459 | 4,646,121 | 5,745,580 | +3,031,043 |
| 1886 | 1,950,267 | 44,868 | 1,995,135 | 952,726 | 5,650,332 | 6,603,058 | +4,607,923 |
| 1887 | 679,981 | 3,000 | 682,981 | 1,070,316 | 7,451,772 | 8,522,088 | +7,839,107 |
| 1888 | 331,662 | 1,164 | 332,826 | 1,045,123 | 7,638,405 | 8,683,528 | +8,350,702 |
| 1889 | 720,825 | 5,227 | 726,052 | 805,502 | 6,836,795 | 7,642,297 | +6,916,245 |
| 1890 | 945,703 | 2,650 | 948,353 | 819,820 | 8,511,558 | 9,331,378 | +8,383,025 |
| 1891 | 1,215,540 | 95,543 | 1,311,083 | 3,594,659 | 8,000,651 | 11,595,310 | +10,284,227 |
| 1892 | 1,485,233 | 42,747 | 1,527,980 | 2,616,472 | 5,102,093 | 7,718,565 | +6,190,585 |
| 1893 | 542,073 | 28,964 | 571,037 | 2,332,620 | 7,721,881 | 10,054,501 | +9,483,464 |

## No. 44.—BELGIUM.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 27,470,003 | 1,052,398 | 28,522,401 | 975,978 | 3,233,254 | 4,209,232 | —24,313,169 |
| 1880 | 33,715,843 | 438,337 | 34,154,180 | 2,348,714 | 9,442,751 | 11,791,465 | —22,362,715 |
| 1881 | 35,683,574 | 642,757 | 36,326,331 | 2,091,311 | 10,512,124 | 12,603,435 | —23,722,896 |
| 1882 | 24,153,787 | 953,226 | 25,107,013 | 2,646,056 | 18,353,612 | 20,999,668 | —4,107,345 |
| 1883 | 26,730,731 | 1,048,244 | 27,778,975 | 2,641,253 | 20,519,947 | 23,161,200 | —4,617,775 |
| 1884 | 21,897,019 | 691,636 | 22,588,655 | 1,827,928 | 9,095,232 | 10,923,160 | —11,665,495 |
| 1885 | 25,373,756 | 1,084,493 | 26,458,249 | 1,759,750 | 6,935,334 | 8,695,084 | —17,763,165 |
| 1886 | 22,613,399 | 680,996 | 23,294,395 | 1,929,644 | 7,248,869 | 9,178,513 | —14,115,882 |
| 1887 | 27,239,023 | 700,800 | 27,939,823 | 1,709,028 | 6,354,620 | 8,063,648 | —19,876,175 |
| 1888 | 24,636,205 | 544,517 | 25,180,722 | 1,944,513 | 7,892,059 | 9,836,572 | —15,344,150 |
| 1889 | 22,603,406 | 741,813 | 23,345,219 | 1,929,683 | 7,887,352 | 9,816,435 | —13,528,784 |
| 1890 | 26,140,377 | 490,067 | 26,630,444 | 1,361,145 | 7,975,337 | 9,336,482 | —17,293,962 |
| 1891 | 26,694,150 | 846,274 | 27,540,424 | 1,849,924 | 9,095,748 | 10,945,672 | —16,594,752 |
| 1892 | 47,713,121 | 1,071,996 | 48,785,117 | 2,781,858 | 7,491,203 | 10,273,061 | —38,512,056 |
| 1893 | 25,859,728 | 880,706 | 26,740,434 | 4,178,721 | 6,987,475 | 11,166,196 | —15,574,238 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1878 to 1893, INCLUSIVE—Continued.

## No. 45.—BOLIVIA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1887 | 1,304 | ..... | 1,304 | ..... | ..... | ..... | —1,304 |
| 1888 | 21,893 | 7,706 | 29,599 | ..... | ..... | ..... | —29,599 |
| 1889 | 6,838 | ..... | 6,838 | 2,103 | 23 | 2,126 | —4,712 |
| 1890 | 11,002 | ..... | 11,002 | 30 | ..... | 30 | —10,972 |
| 1891 | 6,380 | ..... | 6,380 | 3,734 | ..... | 3,734 | —2,646 |
| 1892 | 17,036 | ..... | 17,036 | ..... | ..... | ..... | —17,036 |
| 1893 | 24,849 | ..... | 24,849 | 5,328 | 148 | 5,476 | —19,373 |

## No. 46.—BRAZIL.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 8,106,928 | 87,442 | 8,194,370 | 37,038,691 | 2,336,750 | 39,375,441 | +31,181,071 |
| 1880 | 8,496,696 | 108,650 | 8,605,346 | 45,777,595 | 6,192,495 | 51,970,090 | +43,364,744 |
| 1881 | 9,138,637 | 113,778 | 9,252,415 | 44,457,608 | 8,324,928 | 52,782,536 | +43,530,121 |
| 1882 | 9,035,452 | 117,110 | 9,152,562 | 40,230,017 | 8,571,861 | 48,801,878 | +39,649,316 |
| 1883 | 9,159,330 | 92,764 | 9,252,094 | 38,902,469 | 5,585,990 | 44,488,459 | +35,236,365 |
| 1884 | 8,645,261 | 50,398 | 8,695,659 | 39,186,185 | 11,079,754 | 50,265,939 | +41,570,280 |
| 1885 | 7,358,035 | 59,258 | 7,317,293 | 38,136,191 | 7,127,469 | 45,263,660 | +37,946,367 |
| 1886 | 6,481,738 | 60,478 | 6,541,216 | 36,196,362 | 5,711,170 | 41,907,532 | +35,366,316 |
| 1887 | 8,071,653 | 56,230 | 8,127,883 | 47,076,473 | 5,876,703 | 52,953,176 | +44,825,293 |
| 1888 | 7,063,892 | 73,116 | 7,137,008 | 46,873,824 | 6,836,410 | 53,710,234 | +46,573,226 |
| 1889 | 9,276,511 | 74,570 | 9,351,081 | 55,468,476 | 4,935,328 | 60,403,804 | +51,052,723 |
| 1890 | 11,902,496 | 69,718 | 11,972,214 | 57,604,846 | 1,713,910 | 59,318,756 | +47,346,542 |
| 1891 | 14,049,273 | 70,973 | 14,120,246 | 56,887,444 | 2,343,151 | 83,230,595 | +69,110,349 |
| 1892 | 14,240,009 | 51,864 | 14,291,873 | 118,428,158 | 205,446 | 118,633,604 | +104,341,731 |
| 1893 | 12,339,584 | 48,540 | 12,388,124 | 76,008,364 | 213,774 | 76,222,138 | +63,834,014 |

## No. 47.—CENTRAL AMERICAN STATES.a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 1,110,603 | 45,173 | 1,155,776 | 2,044,790 | 206,799 | 2,251,589 | +1,095,813 |
| 1880 | 1,729,215 | 55,640 | 1,784,855 | 3,149,028 | 164,441 | 3,313,469 | +1,528,614 |
| 1881 | 1,541,229 | 84,509 | 1,625,738 | 2,980,209 | 169,577 | 3,159,786 | +1,534,048 |
| 1882 | 1,586,558 | 57,455 | 1,644,013 | 4,472,427 | 262,971 | 4,735,398 | +3,091,385 |
| 1883 | 1,936,813 | 66,654 | 2,003,467 | 4,876,506 | 244,809 | 5,121,315 | +3,117,848 |
| 1884 | 3,064,798 | 113,055 | 3,177,853 | 5,970,924 | 190,303 | 6,161,227 | +2,983,374 |
| 1885 | 2,667,943 | 94,588 | 2,762,531 | 6,149,873 | 259,142 | 6,409,015 | +3,646,484 |

a Embracing Costa Rica, Guatemala, Honduras, Nicaragua, and Salvador, which see for data after 1885.

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 48.—COSTA RICA. a

| Year ending June 30— | Exports. | | | Imports. | | | Excess of imports. |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1886 | 548,215 | 10,136 | 558,351 | 895,749 | 2,296 | 898,045 | 339,694 |
| 1887 | 703,930 | 8,380 | 712,310 | 1,408,543 | 968 | 1,409,516 | 697,206 |
| 1888 | 1,064,549 | 19,311 | 1,083,860 | 1,608,726 | 253 | 1,608,979 | 525,119 |
| 1889 | 965,970 | 17,194 | 983,164 | 1,441,846 | 519 | 1,442,365 | 459,201 |
| 1890 | 1,098,952 | 27,218 | 1,126,170 | 1,675,841 | 870 | 1,676,711 | 550,541 |
| 1891 | 1,298,793 | 32,256 | 1,331,049 | 2,530,847 | 1,458 | 2,532,305 | 1,201,256 |
| 1892 | 1,122,295 | 31,728 | 1,154,023 | 2,084,955 | 1,091 | 2,086,046 | 932,023 |
| 1893 | 1,178,301 | 32,439 | 1,210,740 | 2,308,222 | 1,136 | 2,309,358 | 1,098,618 |

## No. 49.—GUATEMALA. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1886 | 523,640 | 22,289 | 545,929 | 1,663,162 | 294,470 | 1,957,632 | 1,411,703 |
| 1887 | 553,179 | 26,975 | 580,154 | 2,364,825 | 283,888 | 2,648,713 | 2,068,559 |
| 1888 | 887,771 | 29,090 | 916,861 | 1,908,281 | 177,186 | 2,085,467 | 1,168,606 |
| 1889 | 969,871 | 24,830 | 994,701 | 2,297,159 | 49,526 | 2,346,685 | 1,351,984 |
| 1890 | 1,326,388 | 19,331 | 1,345,719 | 2,257,222 | 24,459 | 2,281,681 | 935,962 |
| 1891 | 1,971,001 | 26,943 | 1,997,944 | 2,617,963 | 211 | 2,618,199 | 620,255 |
| 1892 | 1,809,577 | 41,775 | 1,851,352 | 3,182,838 | ..... | 3,182,838 | 1,331,486 |
| 1893 | 1,713,142 | 50,720 | 1,763,862 | 2,554,578 | 182 | 2,554,710 | 790,848 |

## No. 50.—HONDURAS. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1886 | 428,104 | 13,795 | 441,899 | 728,162 | 2,397 | 730,559 | 288,660 |
| 1887 | 425,741 | 16,182 | 441,923 | 854,801 | 3,118 | 857,919 | 415,996 |
| 1888 | 672,796 | 17,779 | 690,575 | 956,381 | 2,950 | 959,331 | 268,756 |
| 1889 | 618,973 | 18,292 | 637,175 | 1,210,607 | 4,954 | 1,215,561 | 578,386 |
| 1890 | 522,631 | 29,393 | 552,024 | 980,681 | 3,723 | 984,404 | 432,380 |
| 1891 | 583,114 | 57,807 | 640,921 | 1,152,993 | 6,598 | 1,159,591 | 518,670 |
| 1892 | 478,947 | 36,277 | 515,224 | 959,989 | 2,340 | 962,329 | 447,105 |
| 1893 | 442,907 | 28,788 | 471,695 | 683,424 | 1,488 | 684,912 | 213,217 |

## No. 51.—NICARAGUA. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1886 | 471,671 | 17,702 | 489,373 | 1,067,014 | 888 | 1,067,902 | 578,529 |
| 1887 | 701,151 | 22,023 | 723,174 | 1,660,342 | 1,820 | 1,662,162 | 938,988 |
| 1888 | 861,156 | 65,866 | 927,022 | 1,495,775 | 396 | 1,496,171 | 569,149 |
| 1889 | 900,813 | 108,874 | 1,009,687 | 1,746,996 | 250 | 1,747,246 | 737,559 |
| 1890 | 1,270,073 | 102,946 | 1,373,019 | 1,655,373 | 318 | 1,655,690 | 282,671 |
| 1891 | 1,592,013 | 100,929 | 1,692,942 | 1,704,506 | 1,455 | 1,705,961 | 13,019 |
| 1892 | 1,187,189 | 119,990 | 1,307,179 | 1,656,708 | 1,165 | 1,657,873 | 350,694 |
| 1893 | 812,654 | 125,205 | 937,859 | 1,398,867 | 1,369 | 1,400,236 | 462,377 |

## No. 52.—SALVADOR. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1886 | 470,541 | 6,649 | 477,190 | 1,113,043 | 148,232 | 1,261,275 | 784,085 |
| 1887 | 477,125 | 761 | 477,886 | 907,189 | 152,152 | 1,059,341 | 581,455 |
| 1888 | 645,302 | 1,966 | 647,268 | 1,387,692 | 85,738 | 1,473,430 | 826,162 |
| 1889 | 690,894 | 10,312 | 701,196 | 1,635,466 | 26,696 | 1,662,162 | 960,966 |
| 1890 | 886,231 | 13,315 | 899,546 | 1,384,112 | 69,846 | 1,453,958 | 554,412 |
| 1891 | 1,134,995 | 15,465 | 1,150,460 | 1,733,222 | 49,844 | 1,783,066 | 632,606 |
| 1892 | 1,274,021 | 20,247 | 1,294,268 | 2,330,697 | 5 | 2,330,702 | 1,036,434 |
| 1893 | 1,118,054 | 20,376 | 1,138,430 | 1,355,674 | 56 | 1,355,730 | 217,300 |

a For data prior to 1886, see Table No. 47.

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 53.—CHILE.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars* |
| 1879 | 1, 253, 555 | 2, 468 | 1, 256, 023 | 209, 061 | 433, 654 | 642, 715 | —613, 308 |
| 1880 | 967, 551 | 225 | 967, 776 | 989, 419 | 265, 317 | 1, 254, 736 | +286, 960 |
| 1881 | 1, 598, 270 | 16, 566 | 1, 614, 836 | 1, 245, 529 | 190, 441 | 1, 435, 970 | —178, 866 |
| 1882 | 1, 756, 645 | 18, 000 | 1, 774, 645 | 1, 563, 085 | 247, 402 | 1, 810, 487 | +35, 842 |
| 1883 | 2, 837, 551 | 22, 945 | 2, 860, 496 | 258, 485 | 177, 099 | 435, 584 | —2, 424, 912 |
| 1884 | 3, 236, 945 | 33, 617 | 3, 270, 562 | 319, 243 | 218, 694 | 537, 936 | —2, 732, 626 |
| 1885 | 2, 192, 672 | 18, 335 | 2, 211, 007 | 399, 464 | 205, 061 | 604, 525 | —1, 606, 482 |
| 1886 | 1, 973, 548 | 10, 058 | 1, 983, 606 | 1, 004, 990 | 177, 855 | 1, 182, 845 | —800, 761 |
| 1887 | 2, 062, 507 | 6, 631 | 2, 069, 138 | 2, 634, 336 | 228, 897 | 2, 863, 233 | +794, 095 |
| 1888 | 2, 423, 303 | 9, 918 | 2, 433, 221 | 2, 638, 240 | 256, 280 | 2, 894, 520 | +461, 299 |
| 1889 | 2, 967, 254 | 5, 540 | 2, 972, 794 | 2, 543, 761 | 78, 864 | 2, 622, 625 | —350, 169 |
| 1890 | 3, 219, 465 | 6, 899 | 3, 226, 364 | 2, 967, 183 | 196, 066 | 3, 183, 249 | —43, 115 |
| 1891 | 3, 133, 991 | 11, 634 | 3, 145, 625 | 3, 261, 784 | 186, 556 | 3, 448, 290 | +302, 665 |
| 1892 | 3, 533, 342 | 11, 365 | 3, 544, 707 | 3, 179, 638 | 307, 521 | 3, 487, 159 | —57, 548 |
| 1893 | 2, 971, 341 | 9, 490 | 2, 980, 831 | 3, 847, 568 | 147, 853 | 3, 995, 441 | +1, 014, 610 |

## No. 54.—CHINA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 2, 651, 677 | ..... | 2, 651, 677 | 12, 482, 082 | 3, 949, 262 | 16, 431, 344 | +13, 779, 667 |
| 1880 | 1, 101, 315 | 68 | 1, 101, 383 | 17, 210, 237 | 4, 559, 381 | 21, 769, 618 | +20, 668, 235 |
| 1881 | 5, 447, 281 | 399 | 5, 447, 680 | 18, 417, 442 | 3, 900, 287 | 22, 317, 729 | +16, 870, 049 |
| 1882 | 5, 895, 503 | 480 | 5, 895, 983 | 15, 899, 607 | 4, 314, 734 | 20, 214, 341 | +14, 318, 358 |
| 1883 | 4, 079, 522 | 800 | 4, 080, 322 | 13, 456, 964 | 6, 684, 367 | 20, 141, 331 | +16, 061, 009 |
| 1884 | 4, 626, 480 | 98 | 4, 626, 578 | 11, 319, 710 | 4, 297, 083 | 15, 616, 793 | +10, 990, 215 |
| 1885 | 6, 396, 178 | 322 | 6, 396, 500 | 12, 050, 768 | 4, 241, 401 | 16, 292, 169 | +9, 895, 669 |
| 1886 | 7, 518, 277 | 2, 304 | 7, 520, 581 | 15, 153, 473 | 3, 819, 490 | 18, 972, 963 | +11, 452, 382 |
| 1887 | 6, 246, 626 | ..... | 6, 246, 626 | 14, 252, 181 | 4, 824, 599 | 19, 076, 780 | +12, 830, 154 |
| 1888 | 4, 581, 083 | 1, 502 | 4, 582, 585 | 10, 956, 022 | 5, 734, 567 | 16, 690, 589 | +12, 108, 004 |
| 1889 | 2, 790, 621 | 507 | 5, 791, 128 | 11, 583, 611 | 5, 444, 801 | 17, 028, 412 | +11, 237, 284 |
| 1890 | 2, 943, 790 | 2, 419 | 2, 946, 209 | 11, 332, 805 | 4, 927, 666 | 16, 260, 471 | +13, 314, 262 |
| 1891 | 8, 700, 308 | 709 | 8, 701, 008 | 14, 577, 887 | 4, 743, 963 | 19, 321, 850 | +10, 620, 842 |
| 1892 | 5, 663, 471 | 26 | 5, 663, 497 | 15, 936, 431 | 4, 551, 860 | 20, 488, 291 | +14, 824, 794 |
| 1893 | 3, 900, 457 | ..... | 3, 900, 457 | 15, 469, 945 | 5, 166, 590 | 20, 636, 535 | +16, 736, 078 |

## No. 55.—COLOMBIA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 5, 199, 648 | 328, 366 | 5, 528, 014 | 6, 148, 008 | 182, 943 | 6, 330, 946 | +802, 932 |
| 1880 | 5, 228, 836 | 108, 478 | 5, 337, 314 | 8, 145, 054 | 296, 918 | 8, 441, 972 | +3, 104, 658 |
| 1881 | 5, 179, 366 | 203, 772 | 5, 383, 138 | 5, 715, 924 | 276, 866 | 5, 991, 890 | +608, 752 |
| 1882 | 6, 230, 916 | 177, 430 | 6, 408, 346 | 4, 618, 668 | 342, 802 | 4, 961, 470 | —1, 446, 876 |
| 1883 | 6, 719, 787 | 149, 184 | 6, 868, 971 | 4, 878, 285 | 293, 170 | 5, 171, 455 | —1, 697, 516 |
| 1884 | 6, 174, 574 | 207, 247 | 6, 381, 821 | 3, 861, 390 | 30, 453 | 3, 891, 843 | —2, 489, 978 |
| 1885 | 5, 397, 412 | 185, 957 | 5, 583, 369 | 2, 335, 083 | 6, 994 | 2, 342, 077 | —3, 241, 292 |
| 1886 | 5, 294, 798 | 185, 659 | 5, 480, 457 | 2, 979, 382 | 29, 539 | 3, 008, 921 | —2, 471, 536 |
| 1887 | 5, 973, 965 | 140, 976 | 6, 114, 941 | 3, 934, 359 | 16, 594 | 3, 950, 953 | —2, 163, 988 |
| 1888 | 4, 923, 259 | 100, 621 | 5, 023, 880 | 4, 244, 368 | 148, 890 | 4, 393, 258 | —630, 622 |
| 1889 | 3, 728, 961 | 92, 056 | 3, 821, 017 | 4, 225, 919 | 37, 600 | 4, 263, 519 | +442, 502 |
| 1890 | 2, 522, 351 | 63, 477 | 2, 585, 828 | 3, 570, 594 | 4, 659 | 3, 575, 253 | +989, 425 |
| 1891 | 3, 108, 989 | 73, 655 | 3, 182, 644 | 4, 747, 686 | 17, 668 | 4, 765, 354 | +1, 582, 710 |
| 1892 | 3, 065, 466 | 68, 686 | 3, 134, 152 | 3, 641, 957 | 474, 929 | 4, 116, 886 | +982, 734 |
| 1893 | 3, 047, 620 | 108, 157 | 3, 155, 777 | 1, 499, 527 | 2, 073, 391 | 3, 572, 918 | +417, 141 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 56.—DENMARK.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 2, 284, 784 | ..... | 2, 284, 784 | 16, 424 | 5, 014 | 21, 438 | —2, 263, 346 |
| 1880 | 3, 471, 204 | ..... | 3, 471, 204 | 64, 701 | 115, 598 | 180, 299 | —3, 290, 905 |
| 1881 | 6, 392, 539 | ..... | 6, 392, 539 | 346, 222 | 56, 757 | 402, 979 | —5, 989, 560 |
| 1882 | 3, 856, 813 | 8, 758 | 3, 865, 571 | 210, 605 | 184, 372 | 394, 977 | —3, 471, 194 |
| 1883 | 4, 442, 077 | 66, 799 | 4, 508, 876 | 169, 071 | 133, 815 | 302, 886 | —4, 205, 990 |
| 1884 | 3, 804, 909 | ..... | 3, 804, 909 | 379, 679 | 166, 207 | 545, 886 | —3, 259, 023 |
| 1885 | 4, 527, 743 | 10, 780 | 4, 538, 523 | 271, 676 | 78, 775 | 350, 451 | —4, 188, 072 |
| 1886 | 2, 915, 003 | 5, 266 | 2, 920, 269 | 360, 895 | 71, 125 | 432, 020 | —2, 488, 249 |
| 887 | 3, 892, 593 | 11, 107 | 3, 903, 700 | 200, 050 | 138, 704 | 338, 754 | —3, 564, 946 |
| 1888 | 3, 002, 463 | 11, 700 | 3, 014, 163 | 185, 401 | 312, 473 | 497, 874 | —2, 516, 289 |
| 1889 | 3, 213, 248 | 4, 377 | 3, 217, 625 | 135, 220 | 103, 753 | 238, 973 | —2, 978, 652 |
| 1890 | 5, 037, 290 | 2, 757 | 5, 040, 047 | 82, 526 | 155, 982 | 238, 508 | —4, 801, 539 |
| 1891 | 3, 306, 357 | 10, 780 | 3, 317, 137 | 94, 856 | 173, 830 | 268, 686 | —3, 048, 451 |
| 1892 | 3, 358, 881 | 11, 795 | 3, 370, 676 | 126, 595 | 101, 950 | 228, 545 | —3, 142, 131 |
| 1893 | 5, 266, 915 | 3, 519 | 5, 270, 434 | 111, 039 | 124, 816 | 235, 855 | —5, 034, 579 |

## No. 57.—DANISH WEST INDIES.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 886, 857 | 15, 737 | 902, 594 | 128, 140 | 314, 687 | 442, 827 | —459, 767 |
| 1880 | 689, 104 | 8, 691 | 697, 795 | 97, 034 | 364, 463 | 461, 497 | —236, 298 |
| 1881 | 721, 128 | 12, 563 | 733, 691 | 34, 429 | 325, 471 | 359, 900 | —373, 791 |
| 1882 | 716, 591 | 12, 137 | 728, 728 | 95, 449 | 443, 584 | 539, 024 | —189, 704 |
| 1883 | 694, 565 | 7, 561 | 702, 126 | 6, 603 | 377, 400 | 384, 003 | —318, 123 |
| 1884 | 578, 997 | 11, 043 | 590, 040 | 14, 827 | 373, 036 | 387, 863 | —202, 177 |
| 1885 | 571, 103 | 15, 056 | 586, 159 | 14, 493 | 321, 810 | 336, 303 | —249, 856 |
| 1886 | 587, 572 | 12, 611 | 600, 183 | 11, 961 | 233, 960 | 245, 921 | —354, 262 |
| 1887 | 604, 844 | 8, 782 | 613, 626 | 33, 058 | 467, 617 | 500, 675 | —112, 951 |
| 1888 | 603, 140 | 8, 999 | 612, 139 | 39, 489 | 359, 731 | 399, 220 | —212, 919 |
| 1889 | 673, 942 | 12, 370 | 686, 312 | 50, 304 | 557, 627 | 607, 931 | —78, 381 |
| 1890 | 785, 395 | 8, 878 | 794, 273 | 55, 429 | 533, 310 | 588, 739 | —205, 534 |
| 1891 | 625, 609 | 10, 906 | 636, 515 | 48, 720 | 289, 661 | 288, 381 | —348, 134 |
| 1892 | 610, 843 | 4, 080 | 614, 928 | 329, 950 | 32, 128 | 362, 078 | —252, 845 |
| 1893 | 600, 804 | 3, 519 | 604, 323 | 527, 661 | 19, 965 | 547, 626 | —56, 697 |

## No. 58.—ECUADOR. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1867 | 1, 049, 392 | 3, 280 | 1, 052, 772 | 1, 120, 934 | 235 | 1, 121, 169 | +78, 397 |
| 1868 | 810, 567 | 2, 968 | 813, 535 | 1, 115, 552 | 3, 075 | 1, 118, 627 | +305, 092 |
| 1869 | 755, 706 | 503 | 756, 211 | 694, 088 | 917 | 695, 005 | —61, 206 |
| 1890 | 714, 924 | 284 | 715, 208 | 533, 994 | 1, 066 | 535, 060 | —180, 148 |
| 1891 | 902, 738 | 421 | 903, 159 | 836, 078 | 359 | 836, 437 | —66, 722 |
| 1892 | 809, 466 | 604 | 810, 070 | 807, 187 | 2, 644 | 809, 831 | —239 |
| 1893 | 815, 339 | 1, 586 | 817, 425 | 958, 216 | 2, 012 | 960, 228 | +142, 803 |

a For preceding period see Table 107.

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 59.—FRANCE.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 88,194,041 | 1,475,586 | 89,669,627 | 4,323,304 | 46,361,297 | 50,684,601 | —38,985,026 |
| 1880 | 98,889,209 | 1,173,835 | 100,063,044 | 8,272,611 | 61,071,801 | 69,344,412 | —30,718,632 |
| 1881 | 89,844,100 | 4,353,351 | 94,197,451 | 6,763,331 | 63,043,044 | 69,806,375 | —24,391,076 |
| 1882 | 47,401,923 | 2,608,895 | 50,010,818 | 9,298,290 | 79,599,316 | 88,897,606 | +38,886,788 |
| 1883 | 55,965,191 | 2,717,032 | 58,682,223 | 10,632,670 | 87,356,494 | 97,989,164 | +39,306,941 |
| 1884 | 49,290,650 | 1,609,235 | 50,899,885 | 9,660,852 | 61,181,561 | 70,842,413 | +19,942,528 |
| 1885 | 44,562,334 | 2,146,616 | 46,708,950 | 7,464,214 | 49,471,139 | 56,935,353 | +10,226,403 |
| 1886 | 40,006,096 | 1,675,650 | 41,681,746 | 7,727,057 | 55,690,373 | 63,417,430 | +21,735,684 |
| 1887 | 55,681,994 | 1,575,676 | 57,257,670 | 8,253,963 | 59,853,661 | 68,107,624 | +10,849,954 |
| 1888 | 37,784,237 | 1,426,071 | 39,210,308 | 8,839,246 | 62,526,020 | 71,365,266 | +32,154,958 |
| 1889 | 45,110,923 | 1,009,119 | 46,120,041 | 7,927,322 | 61,639,296 | 69,566,618 | +23,446,577 |
| 1890 | 49,013,004 | 964,020 | 49,977,024 | 10,880,297 | 66,792,014 | 77,672,311 | +27,695,287 |
| 1891 | 59,826,739 | 866,451 | 60,693,190 | 10,339,344 | 66,349,651 | 76,688,995 | +15,995,805 |
| 1892 | 97,896,132 | 1,230,575 | 99,126,707 | 8,068,044 | 60,486,749 | 68,554,793 | —30,571,914 |
| 1893 | 46,006,448 | 612,690 | 46,619,138 | 9,244,137 | 66,832,078 | 76,076,215 | +29,457,077 |
| **No. 60.—MIQUELON, LANGLEY, AND ST. PIERRE ISLANDS.** | | | | | | | |
| 1879 | 305,867 | 16,274 | 322,141 | 97 | 45 | 142 | —321,999 |
| 1880 | 287,307 | 18,351 | 305,658 | 375 | 3,526 | 3,901 | —301,757 |
| 1881 | 309,889 | 20,510 | 330,399 | 82 | 16,877 | 16,959 | —313,440 |
| 1882 | 315,425 | 19,829 | 335,254 | 488 | 17,887 | 18,325 | —316,929 |
| 1883 | 434,465 | 17,422 | 451,887 | ..... | 17,376 | 17,376 | —434,511 |
| 1884 | 435,879 | 13,555 | 449,434 | 463 | 102 | 565 | —448,869 |
| 1885 | 394,864 | 19,683 | 414,547 | ..... | 18,686 | 18,686 | —395,861 |
| 1886 | 374,287 | 24,294 | 398,531 | ..... | 8,284 | 8,284 | —390,247 |
| 1887 | 299,763 | 12,593 | 312,356 | 509 | 70,415 | 70,924 | —241,433 |
| 1888 | 371,887 | 19,537 | 391,424 | 76 | 32,157 | 32,227 | —359,197 |
| 1889 | 368,364 | 18,386 | 386,750 | 992 | 28,934 | 29,926 | —356,824 |
| 1890 | 446,844 | 16,299 | 463,143 | 824 | 36,471 | 37,295 | —425,848 |
| 1891 | 390,014 | 10,134 | 400,148 | 190 | 15,445 | 15,635 | —384,513 |
| 1892 | 357,751 | 16,072 | 373,823 | ..... | 176 | 176 | —373,647 |
| 1893 | 185,226 | 12,000 | 197,226 | 270 | 67,421 | 67,691 | —129,535 |
| **No. 61.—FRENCH WEST INDIES.** | | | | | | | |
| 1879 | 1,465,881 | 15,884 | 1,481,765 | 4,456 | 2,613,845 | 2,618,301 | +1,136,536 |
| 1880 | 1,799,972 | 28,424 | 1,828,396 | 7,012 | 2,709,992 | 2,717,004 | +888,608 |
| 1881 | 1,520,651 | 34,970 | 1,555,621 | 11,748 | 2,452,829 | 2,464,577 | +908,956 |
| 1882 | 1,556,398 | 16,390 | 1,572,788 | 1,591 | 2,423,164 | 2,424,755 | +851,972 |
| 1883 | 1,788,863 | 30,223 | 1,818,555 | 4,139 | 2,891,728 | 2,895,867 | +1,082,303 |
| 1884 | 1,790,584 | 29,534 | 1,820,118 | 17,486 | 3,118,916 | 3,136,402 | +1,316,284 |
| 1885 | 1,394,101 | 24,872 | 1,418,973 | 36,073 | 1,111,442 | 1,147,515 | —271,458 |
| 1886 | 1,426,683 | 11,902 | 1,438,585 | 14,336 | 539,015 | 554,351 | —884,234 |
| 1887 | 1,334,344 | 18,434 | 1,352,778 | 24,741 | 381,884 | 406,625 | —946,153 |
| 1888 | 1,574,728 | 29,999 | 1,603,827 | 6,865 | 110,025 | 116,890 | —1,486,937 |
| 1889 | 1,853,111 | 31,999 | 1,884,029 | 10,641 | 99,412 | 110,053 | —1,773,987 |
| 1890 | 1,763,836 | 28,786 | 1,792,613 | 4,447 | 134,550 | 138,997 | —1,653,615 |
| 1891 | 1,854,968 | 51,071 | 1,906,039 | 19,176 | 4,294 | 23,470 | —1,882,569 |
| 1892 | 1,950,463 | 32,100 | 1,982,563 | 29,441 | 997 | 33,238 | —1,949,325 |
| 1893 | 1,799,097 | 19,858 | 1,818,955 | 7,902 | 433 | 8,340 | —1,810,615 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 62.—FRENCH GUIANA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports(—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 69,887 | ..... | 69,887 | 3,915 | 11,874 | 15,789 | —54,098 |
| 1880 | 75,645 | 389 | 76,034 | 2,802 | 470 | 3,272 | —72,762 |
| 1881 | 65,762 | 106 | 65,868 | 803 | 2,300 | 3,103 | —62,765 |
| 1882 | 95,785 | 1,892 | 97,677 | 2,003 | 16,450 | 18,453 | —79,224 |
| 1883 | 101,613 | 1,071 | 102,084 | 2,457 | 15,980 | 18,437 | —83,647 |
| 1884 | 102,072 | 1,535 | 103,607 | 1,376 | 945 | 2,321 | —101,286 |
| 1885 | 107,492 | 3,352 | 110,844 | 1,073 | 730 | 1,803 | —109,041 |
| 1886 | 105,719 | 3,438 | 109,157 | 647 | 355 | 1,002 | —108,155 |
| 1887 | 137,734 | 4,988 | 142,712 | 433 | 1,015 | 1,448 | —141,264 |
| 1888 | 140,086 | 6,671 | 146,757 | 6,772 | 5,652 | 12,424 | —134,333 |
| 1889 | 140,768 | 6,984 | 147,732 | 13,366 | ..... | 13,366 | —134,366 |
| 1890 | 154,859 | 6,074 | 160,933 | 17,647 | ..... | 17,647 | —143,286 |
| 1891 | 150,710 | 5,244 | 155,954 | 46,520 | ..... | 46,520 | —109,434 |
| 1892 | 149,777 | 6,950 | 156,727 | 5,850 | ..... | 5,850 | —150,877 |
| 1893 | 103,004 | 5,349 | 118,353 | 35,965 | ..... | 35,965 | —77,388 |

## No. 63.—FRENCH POSSESSIONS IN AFRICA AND ADJACENT ISL'DS.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 334,657 | 1,023 | 335,680 | 30,484 | 84,843 | 115,327 | —220,353 |
| 1880 | 445,173 | 263 | 445,436 | 62,473 | 337,176 | 399,649 | —45,787 |
| 1881 | 325,119 | 1,281 | 326,400 | 102,952 | 358,118 | 461,070 | +134,670 |
| 1882 | 631,262 | 861 | 632,123 | 70,686 | 326,304 | 396,990 | —235,133 |
| 1883 | 257,758 | 140 | 257,898 | 88,072 | 300,411 | 388,483 | +130,585 |
| 1884 | 241,944 | 239 | 242,183 | 240,669 | 111,022 | 351,691 | +109,508 |
| 1885 | 448,233 | 2,329 | 450,562 | 94,288 | 48,568 | 142,856 | —307,706 |
| 1886 | 239,528 | 335 | 239,863 | 139,414 | 171,281 | 310,695 | +70,832 |
| 1887 | 330,520 | 1,008 | 331,913 | 127,155 | 365,188 | 492,343 | +160,430 |
| 1888 | 306,748 | 3,037 | 309,785 | 166,248 | 300,312 | 466,560 | +156,775 |
| 1889 | 382,760 | 801 | 383,561 | 170,749 | 165,938 | 336,687 | —46,874 |
| 1890 | 199,634 | 1,620 | 201,254 | 188,974 | 232,743 | 421,717 | +220,463 |
| 1891 | 608,601 | 1,318 | 609,919 | 301,372 | 89,581 | 390,953 | —218,966 |
| 1892 a | 554,079 | 1,253 | 555,332 | 608,903 | 274,452 | 883,355 | +328,023 |
| 1893 a | 528,957 | 964 | 529,921 | 423,494 | 104,029 | 527,523 | —2,398 |

## No. 64.—FRENCH POSSESSIONS IN OCEANICA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 353,817 | 35,179 | 388,996 | 117,861 | 26,991 | 144,852 | —244,644 |
| 1880 | 199,869 | 31,810 | 231,679 | 164,307 | 10,422 | 174,729 | —56,950 |
| 1881 | 332,495 | 41,667 | 364,102 | 379,815 | 16,812 | 396,627 | +32,525 |
| 1882 | 372,153 | 41,810 | 413,963 | 155,323 | 16,250 | 171,573 | —242,390 |
| 1883 | 409,050 | 39,640 | 439,690 | 269,638 | 20,562 | 290,200 | —149,490 |
| 1884 | 396,968 | 45,751 | 436,719 | 390,851 | 17,346 | 408,097 | —28,622 |
| 1885 | 345,748 | 36,557 | 382,305 | 373,776 | 13,883 | 387,659 | +5,354 |
| 1886 | 281,188 | 36,233 | 317,415 | 288,336 | 11,997 | 299,423 | —17,992 |
| 1887 | 461,882 | 27,534 | 489,406 | 250,239 | 16,793 | 267,032 | —162,374 |
| 1888 | 305,261 | 21,019 | 326,280 | 102,390 | 14,059 | 116,449 | —209,831 |
| 1889 | 342,034 | 19,081 | 362,115 | 155,106 | 9,880 | 164,936 | —197,179 |
| 1890 | 340,823 | 19,789 | 360,092 | 160,461 | 11,897 | 172,358 | —187,734 |
| 1891 | 342,059 | 30,835 | 372,885 | 303,905 | 15,402 | 319,307 | —53,578 |
| 1892 | 305,490 | 38,058 | 343,548 | 248,979 | 7,242 | 256,221 | —87,327 |
| 1893 | 274,729 | 21,488 | 296,208 | 419,941 | 4,705 | 423,646 | +127,738 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 65.—GERMANY.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports(—) or imports(+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 56, 164, 394 | 892, 851 | 57, 057, 245 | 3, 252, 486 | 32, 267, 332 | 35, 519, 818 | —21, 537, 427 |
| 1880 | 56, 292, 106 | 770, 157 | 57, 062, 263 | 6, 497, 259 | 45, 713, 978 | 52, 211, 237 | —4, 851, 026 |
| 1881 | 68, 858, 571 | 1, 329, 681 | 70, 188, 252 | 6, 082, 762 | 46, 906, 419 | 52, 989, 181 | —17, 199, 071 |
| 1882 | 52, 790, 056 | 1, 438, 897 | 54, 228, 953 | 8, 779, 655 | 47, 589, 487 | 56, 368, 542 | +2, 139, 589 |
| 1883 | 64, 340, 490 | 1, 829, 439 | 66, 169, 929 | 7, 936, 189 | 49, 441, 539 | 57, 377, 728 | —8, 792, 201 |
| 1884 | 59, 251, 307 | 1, 351, 752 | 60, 603, 059 | 10, 733, 886 | 54, 285, 277 | 65, 019, 163 | +4, 416, 104 |
| 1885 | 60, 819, 091 | 1, 403, 700 | 62, 222, 791 | 9, 358, 367 | 53, 883, 386 | 63, 241, 753 | +1, 018, 962 |
| 1886 | 60, 923, 857 | 1, 037, 336 | 61, 961, 193 | 10, 631, 575 | 58, 523, 422 | 69, 154, 997 | +7, 193, 804 |
| 1887 | 57, 316, 655 | 1, 254, 617 | 58, 571, 272 | 11, 406, 127 | 69, 241, 433 | 80, 647, 560 | +22, 076, 288 |
| 1888 | 55, 621, 264 | 792, 907 | 56, 414, 171 | 11, 244, 968 | 67, 176, 867 | 78, 421, 835 | +22, 007, 664 |
| 1889 | 66, 568, 695 | 1, 433, 899 | 68, 002, 594 | 10, 893, 364 | 70, 849, 182 | 81, 742, 546 | +13, 739, 952 |
| 1890 | 84, 315, 215 | 1, 248, 097 | 85, 563, 312 | 12, 029, 482 | 86, 808, 201 | 98, 837, 683 | +13, 274, 371 |
| 1891 | 91, 684, 981 | 1, 110, 475 | 92, 795, 456 | 19, 469, 530 | 77, 846, 853 | 97, 316, 383 | +4, 520, 927 |
| 1892 | 104, 180, 732 | 1, 340, 826 | 105, 521, 558 | 18, 869, 832 | 64, 037, 721 | 82, 907, 553 | —22, 614, 005 |
| 1893 | 81, 992, 572 | 1, 586, 416 | 83, 578, 988 | 25, 019, 709 | 71, 190, 503 | 96, 210, 203 | +12, 631, 215 |

## No. 66.—GREECE.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 285, 019 | ..... | 285, 019 | ..... | 409, 328 | 409, 328 | +124, 309 |
| 1880 | 145, 572 | ..... | 145, 572 | ..... | 451, 379 | 451, 379 | +305, 807 |
| 1881 | 142, 042 | ..... | 142, 042 | ..... | 550, 638 | 550, 638 | +408, 596 |
| 1882 | 349, 467 | ..... | 349, 467 | 13, 927 | 885, 634 | 899, 561 | +550, 094 |
| 1883 | 91, 017 | ..... | 91, 017 | 412 | 1, 231, 168 | 1, 231, 580 | +1, 140, 563 |
| 1884 | 185, 485 | ..... | 185, 485 | 110 | 1, 039, 874 | 1, 039, 984 | +854, 499 |
| 1885 | 207, 822 | ..... | 207, 822 | 62 | 596, 645 | 596, 707 | +388, 885 |
| 1886 | 144, 003 | ..... | 144, 003 | 5, 614 | 725, 209 | 730, 823 | +586, 820 |
| 1887 | 171, 497 | ..... | 171, 497 | 11, 423 | 986, 820 | 998, 243 | +826, 746 |
| 1888 | 174, 411 | ..... | 174, 411 | 23, 720 | 1, 238, 799 | 1, 262, 519 | +1, 088, 108 |
| 1889 | 165, 079 | ..... | 165, 079 | 12, 471 | 976, 452 | 988, 923 | +823, 844 |
| 1890 | 167, 282 | ..... | 167, 282 | 21, 968 | 1, 103, 130 | 1, 125, 098 | +957, 816 |
| 1891 | 159, 445 | ..... | 159, 445 | 1, 221, 780 | 156, 553 | 1, 378, 333 | +1, 218, 888 |
| 1892 | 100, 370 | ..... | 100, 370 | 1, 183, 243 | 117, 206 | 1, 300, 449 | +1, 200, 079 |
| 1893 | 130, 461 | ..... | 130, 461 | 1, 174, 981 | 108, 576 | 1, 283, 557 | +1, 153, 096 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 67.—HAITI.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 3,148,757 | 61,318 | 3,210,075 | 2,780,523 | 9,953 | 2,790,476 | —419,599 |
| 1880 | 3,591,150 | 60,368 | 3,651,518 | 4,319,966 | 19,220 | 4,339,186 | +687,668 |
| 1881 | 4,372,321 | 116,307 | 4,488,628 | 4,689,095 | 28,174 | 4,717,269 | +228,641 |
| 1882 | 3,195,931 | 49,673 | 3,245,604 | 3,501,235 | 36,702 | 3,537,937 | +292,333 |
| 1883 | 3,162,738 | 60,363 | 3,223,101 | 2,892,997 | 78,518 | 2,971,515 | —251,586 |
| 1884 | 2,735,150 | 34,959 | 2,770,109 | 2,338,907 | 50,266 | 2,389,173 | —380,936 |
| 1885 | 3,227,059 | 80,248 | 3,307,307 | 2,433,019 | 38,417 | 2,471,436 | —835,871 |
| 1886 | 2,963,147 | 104,573 | 3,067,720 | 2,591,485 | 12,507 | 2,603,992 | —463,728 |
| 1887 | 3,059,318 | 170,810 | 3,230,128 | 1,740,106 | 12,431 | 1,752,537 | —1,477,591 |
| 1888 | 4,322,653 | 294,472 | 4,617,125 | 2,897,532 | 21,288 | 2,918,820 | —1,698,305 |
| 1889 | 3,975,461 | 184,790 | 4,160,251 | 3,751,669 | 5,774 | 3,757,443 | —402,808 |
| 1890 | 5,101,464 | 233,604 | 5,335,065 | 2,419,402 | 1,819 | 2,421,221 | —2,913,847 |
| 1891 | 5,589,178 | 370,635 | 5,959,813 | 3,209,026 | 34,428 | 3,243,454 | —2,716,359 |
| 1892 | 4,963,430 | 319,453 | 5,282,883 | 3,191,806 | 10,923 | 3,202,729 | —2,080,154 |
| 1893 | 5,170,634 | 301,406 | 5,472,040 | 715,082 | 20,939 | 736,021 | —4,736,019 |

## No. 68.—HAWAIIAN ISLANDS.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 2,288,178 | 86,740 | 2,374,918 | 3,243,988 | 13,950 | 3,257,938 | +883,020 |
| 1880 | 1,985,506 | 100,664 | 2,086,170 | 4,565,918 | 40,526 | 4,606,444 | +2,520,274 |
| 1881 | 2,694,583 | 83,489 | 2,778,072 | 5,517,737 | 15,263 | 5,533,000 | +2,754,928 |
| 1882 | 3,272,172 | 78,603 | 3,350,775 | 7,621,690 | 24,604 | 7,646,294 | +4,295,519 |
| 1883 | 3,683,460 | 92,605 | 3,776,065 | 8,195,937 | 42,524 | 8,238,461 | +4,462,396 |
| 1884 | 3,446,024 | 77,329 | 3,523,353 | 7,900,000 | 25,965 | 7,925,965 | +4,402,612 |
| 1885 | 2,709,573 | 78,349 | 2,787,922 | 8,817,067 | 40,430 | 8,857,497 | +6,069,575 |
| 1886 | 3,115,899 | 76,799 | 3,192,698 | 9,741,924 | 63,783 | 9,805,707 | +6,613,009 |
| 1887 | 3,520,593 | 101,436 | 3,622,029 | 9,892,889 | 29,186 | 9,922,075 | +6,300,046 |
| 1888 | 3,025,898 | 59,305 | 3,085,203 | 11,050,038 | 10,341 | 11,060,379 | +7,975,176 |
| 1889 | 3,336,040 | 39,621 | 3,375,661 | 12,832,910 | 14,830 | 12,847,740 | +9,472,079 |
| 1890 | 4,606,900 | 104,517 | 4,711,417 | 12,309,758 | 4,150 | 12,313,908 | +7,602,491 |
| 1891 | 4,935,911 | 171,301 | 5,107,212 | 13,865,648 | 29,949 | 13,895,597 | +8,788,385 |
| 1892 | 3,662,018 | 119,610 | 3,781,628 | 8,062,076 | 13,806 | 8,075,882 | +4,294,254 |
| 1893 | 2,717,338 | 110,325 | 2,827,663 | 9,087,856 | 58,911 | 9,146,767 | +6,319,104 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 69.—ITALY.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 8,657,403 | 830 | 8,658,233 | 2,725,939 | 5,158,388 | 7,884,327 | —773,906 |
| 1880 | 12,348,289 | 4,403 | 12,352,642 | 3,649,090 | 6,668,596 | 10,317,686 | —2,034,956 |
| 1881 | 8,987,417 | 31,458 | 9,018,875 | 4,565,841 | 7,078,146 | 11,643,987 | +2,625,112 |
| 1882 | 8,961,260 | 95,037 | 9,076,297 | 4,255,783 | 7,858,438 | 12,114,221 | +3,037,924 |
| 1883 | 10,114,548 | 199,010 | 10,313,558 | 4,051,402 | 7,858,256 | 11,909,658 | +1,596,100 |
| 1884 | 7,563,403 | 507,627 | 8,071,030 | 7,079,285 | 9,627,072 | 16,706,357 | +8,635,327 |
| 1885 | 11,690,142 | 284,275 | 11,974,417 | 6,113,465 | 8,379,443 | 14,492,908 | +2,518,491 |
| 1886 | 13,048,846 | 324,578 | 13,373,424 | 8,933,543 | 7,937,093 | 16,870,636 | +3,497,212 |
| 1887 | 12,056,481 | 115,123 | 12,171,604 | 9,241,139 | 10,146,669 | 19,387,808 | +7,216,204 |
| 1888 | 12,725,887 | 25,672 | 12,751,559 | 8,568,358 | 9,833,230 | 18,401,588 | +5,650,029 |
| 1889 | 12,543,928 | 60,920 | 12,604,848 | 9,494,070 | 8,498,079 | 17,992,149 | +5,387,301 |
| 1890 | 12,974,249 | 93,847 | 13,068,096 | 10,241,323 | 10,088,728 | 20,330,051 | +7,261,955 |
| 1891 | 15,927,274 | 119,651 | 16,046,925 | 9,640,982 | 12,037,226 | 21,678,208 | +5,631,283 |
| 1892 | 14,223,947 | 93,835 | 14,317,782 | 10,901,745 | 11,259,872 | 22,161,617 | +7,843,835 |
| 1893 | 12,792,059 | 227,480 | 13,019,539 | 13,749,097 | 12,501,144 | 26,250,241 | +13,230,702 |

## No. 70.—JAPAN.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 2,674,601 | 2,323 | 2,676,924 | 9,305,120 | 540,442 | 9,845,562 | +7,168,638 |
| 1880 | 2,525,758 | 27,130 | 2,552,888 | 13,975,859 | 534,975 | 14,510,834 | +11,957,946 |
| 1881 | 1,440,146 | 28,830 | 1,468,976 | 13,463,249 | 754,351 | 14,217,600 | +12,748,624 |
| 1882 | 2,534,265 | 6,399 | 2,540,664 | 13,829,135 | 610,360 | 14,439,495 | +11,898,831 |
| 1883 | 3,375,885 | 549 | 3,376,434 | 14,645,483 | 453,408 | 15,098,890 | +11,722,456 |
| 1884 | 2,517,963 | 10,566 | 2,528,529 | 10,803,451 | 471,034 | 11,274,485 | +8,745,956 |
| 1885 | 3,055,990 | 1,425 | 3,057,415 | 11,036,712 | 731,244 | 11,767,956 | +8,710,541 |
| 1886 | 3,125,130 | 10,403 | 3,135,533 | 14,082,772 | 802,801 | 14,885,573 | +11,750,040 |
| 1887 | 3,280,314 | 55,278 | 3,335,592 | 15,742,440 | 1,371,741 | 17,114,181 | +13,778,589 |
| 1888 | 4,208,121 | 6,261 | 4,214,382 | 16,709,426 | 1,912,150 | 18,621,576 | +14,407,194 |
| 1889 | 4,615,712 | 4,273 | 4,619,985 | 14,443,929 | 2,244,063 | 16,687,992 | +12,068,007 |
| 1890 | 5,227,186 | 5,457 | 5,232,643 | 18,910,555 | 2,192,769 | 21,103,324 | +15,870,681 |
| 1891 | 4,800,650 | 7,043 | 4,807,693 | 15,966,638 | 3,342,560 | 19,309,198 | +14,501,505 |
| 1892 | 3,288,282 | 1,829 | 3,290,111 | 20,134,718 | 3,655,484 | 23,790,202 | +20,500,091 |
| 1893 | 3,189,711 | 5,783 | 3,195,494 | 22,296,110 | 5,158,110 | 27,454,220 | +24,258,726 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 to 1893, INCLUSIVE—Continued.

## No. 71.—LIBERIA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 129,790 | 1,139 | 130,929 | 63,143 | 217 | 63,360 | —67,569 |
| 1880 | 191,459 | 2,518 | 193,977 | 95,442 | 343 | 96,285 | —97,692 |
| 1881 | 167,019 | 5,499 | 172,518 | 130,939 | 143 | 131,082 | —41,436 |
| 1882 | 196,471 | 1,033 | 197,504 | 83,339 | 56 | 83,395 | —113,619 |
| 1883 | 179,546 | 2,464 | 182,010 | 71,523 | 365 | 71,888 | —110,122 |
| 1884 | 128,528 | 2,502 | 131,030 | 57,414 | 13 | 57,427 | —73,603 |
| 1885 | 99,398 | 2,305 | 101,703 | 71,068 | 17 | 71,085 | —30,618 |
| 1886 | 96,868 | 2,017 | 98,885 | 67,429 | 322 | 67,751 | —31,134 |
| 1887 | 90,485 | 3,879 | 94,364 | 86,495 | 36 | 86,531 | —7,833 |
| 1888 | 123,952 | 2,828 | 126,780 | 46,713 | 3 | 46,716 | —80,064 |
| 1889 | 71,536 | 127 | 71,663 | 52,777 | 99 | 52,876 | —18,787 |
| 1890 | 161,465 | 690 | 162,155 | 21,790 | 105 | 21,895 | —140,260 |
| 1891 | 54,956 | 205 | 55,161 | 13,420 | 92 | 13,512 | —41,649 |
| 1892 | 35,411 | 102 | 35,513 | 21,271 | ..... | 21,271 | —14,242 |
| 1893 | 26,302 | ..... | 26,302 | 25,932 | 70 | 26,002 | —300 |

## No. 72.—MEXICO.[a]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 5,400,380 | 1,351,864 | 6,752,244 | 3,961,402 | 1,511,819 | 5,493,221 | —1,259,023 |
| 1880 | 6,065,974 | 1,800,519 | 7,866,493 | 4,853,659 | 2,356,934 | 7,209,593 | —656,900 |
| 1881 | 9,198,077 | 1,973,161 | 11,171,238 | 5,643,176 | 2,674,626 | 8,317,802 | —2,853,436 |
| 1882 | 13,324,505 | 2,158,077 | 15,482,582 | 5,310,796 | 3,151,103 | 8,461,899 | —7,020,683 |
| 1883 | 14,370,992 | 2,216,628 | 16,587,620 | 4,211,328 | 3,965,795 | 8,177,123 | —8,410,497 |
| 1884 | 11,089,603 | 1,614,689 | 12,704,292 | 5,334,689 | 3,681,797 | 9,016,486 | —3,687,806 |
| 1885 | 7,370,599 | 970,185 | 8,340,784 | 5,173,441 | 4,093,580 | 9,267,021 | +926,237 |
| 1886 | 6,856,077 | 881,546 | 7,737,623 | 6,808,757 | 3,879,215 | 10,687,972 | +2,950,349 |
| 1887 | 7,267,129 | 692,428 | 7,959,557 | 9,928,122 | 4,791,718 | 14,719,840 | +6,760,283 |
| 1888 | 9,242,188 | 655,584 | 9,897,772 | 11,042,772 | 6,287,117 | 17,329,889 | +7,432,117 |
| 1889 | 10,886,288 | 600,608 | 11,486,896 | 13,825,242 | 7,428,359 | 21,253,601 | +9,766,705 |
| 1890 | 12,666,108 | 619,179 | 13,285,287 | 15,536,100 | 7,154,815 | 22,690,915 | +9,405,628 |
| 1891 | 14,199,080 | 770,540 | 14,969,620 | 23,364,519 | 3,931,473 | 27,295,992 | +12,326,372 |
| 1892 | 13,696,531 | 597,468 | 14,293,999 | 23,702,496 | 4,405,029 | 28,107,525 | +13,813,526 |
| 1893 | 18,891,714 | 676,920 | 19,568,634 | 27,145,469 | 6,409,630 | 33,555,099 | +13,986,465 |

[a] The statistics of exports to Mexico over railways are incomplete prior to April 1, 1892.

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 73.—NETHERLANDS.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 13, 802, 840 | 361, 319 | 14, 164, 159 | 1, 617, 025 | 2, 063, 907 | 3, 680, 932 | —10, 483, 227 |
| 1880 | 16, 887, 230 | 319, 868 | 17, 207, 098 | 2, 942, 567 | 4, 001, 520 | 6, 944, 087 | —10, 263, 011 |
| 1881 | 25, 785, 004 | 567, 503 | 26, 352, 507 | 1, 445, 334 | 4, 356, 972 | 5, 802, 306 | —20, 550, 201 |
| 1882 | 13, 102, 401 | 635, 422 | 13, 737, 823 | 1, 982, 632 | 6, 183, 096 | 8, 165, 728 | —5, 572, 095 |
| 1883 | 18, 538, 161 | 381, 422 | 18, 919, 583 | 2, 177, 545 | 10, 076, 188 | 12, 253, 733 | —6, 665, 850 |
| 1884 | 16, 322, 960 | 235, 322 | 16, 558, 282 | 2, 580, 533 | 2, 292, 400 | 4, 872, 933 | —11, 685, 349 |
| 1885 | 16, 624, 137 | 170, 126 | 16, 804, 263 | 1, 860, 360 | 3, 792, 389 | 5, 652, 749 | —11, 151, 514 |
| 1886 | 14, 536, 664 | 223, 053 | 14, 759, 717 | 2, 681, 299 | 5, 842, 547 | 8, 523, 846 | —6, 235, 871 |
| 1887 | 18, 445, 556 | 402, 714 | 18, 848, 270 | 2, 307, 587 | 7, 615, 326 | 9, 922, 913 | —8, 925, 357 |
| 1888 | 15, 983, 191 | 230, 942 | 16, 214, 133 | 2, 820, 823 | 9, 535, 551 | 12, 356, 374 | —3, 857, 759 |
| 1889 | 14, 800, 780 | 262, 159 | 15, 062, 939 | 1, 904, 191 | 9, 046, 652 | 10, 950, 843 | —4, 112, 096 |
| 1890 | 22, 487, 588 | 170, 207 | 22, 657, 795 | 2, 457, 523 | 14, 571, 710 | 17, 029, 233 | —5, 628, 562 |
| 1891 | 23, 816, 814 | 297, 163 | 24, 113, 977 | 2, 290, 146 | 10, 132, 028 | 12, 422, 174 | —11, 691, 803 |
| 1892 | 43, 556, 865 | 361, 119 | 43, 917, 984 | 2, 652, 139 | 8, 234, 663 | 10, 886, 802 | —33, 031, 182 |
| 1893 | 38, 118, 527 | 386, 666 | 38, 505, 193 | 3, 968, 247 | 13, 480, 701 | 17, 448, 948 | —21, 056, 245 |

## No. 74.—DUTCH WEST INDIES.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 622, 171 | 7, 955 | 630, 126 | 580, 652 | 66, 750 | 647, 402 | +17, 276 |
| 1880 | 837, 288 | 11, 253 | 848, 541 | 1, 161, 906 | 193, 611 | 1, 355, 517 | +506, 976 |
| 1881 | 921, 475 | 18, 943 | 940, 418 | 2, 500, 796 | 93, 580 | 2, 594, 376 | +1, 653, 958 |
| 1882 | 743, 304 | 10, 077 | 753, 381 | 1, 425, 359 | 156, 774 | 1, 582, 133 | +828, 752 |
| 1883 | 579, 690 | 9, 922 | 589, 612 | 777, 690 | 104, 368 | 882, 058 | +292, 446 |
| 1884 | 580, 115 | 3, 843 | 583, 958 | 594, 101 | 53, 491 | 647, 592 | +63, 634 |
| 1885 | 653, 853 | 12, 989 | 666, 842 | 340, 197 | 46, 471 | 386, 668 | —280, 174 |
| 1886 | 570, 159 | 4, 392 | 574, 551 | 405, 772 | 47, 975 | 453, 747 | —120, 804 |
| 1887 | 536, 300 | 3, 505 | 539, 805 | 226, 939 | 29, 756 | 256, 695 | —283, 110 |
| 1888 | 581, 055 | 2, 538 | 583, 593 | 363, 288 | 25, 546 | 388, 834 | —194, 759 |
| 1889 | 619, 011 | 6, 192 | 625, 203 | 174, 629 | 19, 458 | 194, 087 | —431, 116 |
| 1890 | 609, 693 | 44, 620 | 654, 313 | 125, 056 | 68, 980 | 194, 036 | —460, 277 |
| 1891 | 771, 600 | 2, 473 | 774, 073 | 102, 780 | 21, 571 | 124, 351 | —649, 722 |
| 1892 | 665, 617 | 3, 097 | 668, 714 | 64, 217 | 33, 895 | 98, 112 | —570, 602 |
| 1893 | 747, 589 | 5, 114 | 752, 703 | 249, 721 | 21, 873 | 271, 594 | —481, 109 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 75.—DUTCH GUIANA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 167,130 | 350 | 167,480 | 103,496 | 121,324 | 224,820 | +57,340 |
| 1880 | 253,678 | 1,118 | 254,796 | 74,091 | 207,779 | 281,870 | +27,074 |
| 1881 | 247,609 | 1,925 | 249,534 | 106,386 | 296,133 | 402,519 | +152,985 |
| 1882 | 382,639 | 2,851 | 385,490 | 167,851 | 296,299 | 464,150 | +78,660 |
| 1883 | 447,778 | 3,571 | 451,349 | 249,043 | 224,000 | 473,043 | +21,694 |
| 1884 | 316,613 | 2,862 | 319,475 | 377,667 | 245,451 | 623,118 | +303,643 |
| 1885 | 296,667 | 2,351 | 299,018 | 223,552 | 41,787 | 265,339 | —33,679 |
| 1886 | 293,071 | 4,247 | 297,318 | 227,105 | 46,846 | 273,951 | —23,367 |
| 1887 | 236,105 | 3,529 | 239,634 | 394,995 | 87,429 | 482,424 | +242,790 |
| 1888 | 264,096 | 2,149 | 266,245 | 362,291 | 68,692 | 430,983 | +164,738 |
| 1889 | 254,626 | 7,949 | 262,575 | 375,285 | 84,958 | 460,243 | +197,668 |
| 1890 | 273,203 | 6,316 | 279,519 | 462,104 | 112,010 | 574,114 | +294,595 |
| 1891 | 249,704 | 4,279 | 253,983 | 589,859 | 134,331 | 724,190 | +470,207 |
| 1892 | 328,007 | 9,035 | 337,042 | 570,185 | 58 | 570,193 | +233,151 |
| 1893 | 364,725 | 8,634 | 373,359 | 1,079,667 | 43 | 1,079,710 | +706,351 |

## No. 76.—DUTCH EAST INDIES.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 1,477,510 | ..... | 1,477,510 | 3,302,396 | 2,132,935 | 5,435,331 | +3,957,821 |
| 1880 | 2,600,878 | ..... | 2,600,878 | 4,978,482 | 1,302,190 | 6,280,672 | +3,679,794 |
| 1881 | 1,728,786 | ..... | 1,728,786 | 5,096,344 | 2,153,467 | 7,249,811 | +5,521,025 |
| 1882 | 3,020,093 | 194 | 3,020,287 | 2,932,371 | 1,190,509 | 4,122,880 | +1,102,593 |
| 1883 | 2,407,131 | ..... | 2,407,131 | 2,267,551 | 378,366 | 2,645,917 | +238,786 |
| 1884 | 2,110,323 | ..... | 2,110,323 | 3,318,076 | 189,651 | 3,507,727 | +1,397,404 |
| 1885 | 2,103,066 | ..... | 2,103,066 | 2,991,490 | 270,181 | 3,261,671 | +1,158,605 |
| 1886 | 2,132,947 | ..... | 2,132,947 | 2,895,272 | 280,658 | 3,175,930 | +1,042,983 |
| 1887 | 2,169,099 | ..... | 2,169,099 | 2,602,524 | 375,547 | 2,978,071 | +808,972 |
| 1888 | 2,359,803 | 598 | 2,360,401 | 3,030,785 | 275,841 | 3,306,626 | +946,225 |
| 1889 | 2,249,066 | 538 | 2,249,604 | 3,153,371 | 2,053,883 | 5,207,254 | +2,957,650 |
| 1890 | 1,799,306 | ..... | 1,799,306 | 3,060,997 | 2,730,253 | 5,791,250 | +3,991,944 |
| 1891 | 2,102,942 | ..... | 2,102,942 | 3,360,284 | 3,418,708 | 6,778,992 | +4,676,050 |
| 1892 | 1,372,035 | ..... | 1,372,035 | 6,856,585 | 58,158 | 6,914,743 | +5,542,708 |
| 1893 | 1,183,599 | 6 | 1,183,605 | 8,681,981 | 14,607 | 8,696,588 | +7,512,983 |

## No. 77.—PERU.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 1,293,991 | 11,371 | 1,305,362 | 1,770,809 | 87,050 | 1,857,859 | +552,497 |
| 1880 | 907,603 | 10,533 | 918,136 | 272,008 | 89,300 | 361,308 | —556,829 |
| 1881 | 93,785 | 3,745 | 97,530 | 760,355 | 201 | 760,556 | +663,026 |
| 1882 | 533,823 | 10,996 | 544,819 | 3,007,228 | 22,448 | 3,029,676 | +2,484,857 |
| 1883 | 487,360 | 6,534 | 493,894 | 2,499,237 | 27,681 | 2,526,918 | +2,033,024 |
| 1884 | 1,043,902 | 26,626 | 1,070,528 | 2,070,834 | 6,811 | 2,077,645 | +1,007,117 |
| 1885 | 735,979 | 6,126 | 742,105 | 1,749,632 | 15,258 | 1,764,890 | +1,022,785 |
| 1886 | 798,577 | 15,120 | 813,697 | 942,426 | 21,054 | 963,480 | +149,783 |
| 1887 | 717,968 | 4,861 | 722,829 | 450,147 | 11,579 | 461,726 | —261,103 |
| 1888 | 865,160 | 5,011 | 870,171 | 308,113 | 927 | 309,040 | —561,131 |
| 1889 | 773,244 | 7,591 | 780,835 | 307,761 | 6,271 | 314,032 | —466,803 |
| 1890 | 1,418,561 | 8,740 | 1,427,301 | 325,853 | 25,842 | 351,695 | —1,075,606 |
| 1891 | 1,396,207 | 3,784 | 1,399,991 | 369,405 | 17,113 | 386,518 | —1,013,473 |
| 1892 | 1,002,977 | 4,058 | 1,007,035 | 555,959 | 35,341 | 591,300 | —415,735 |
| 1893 | 635,135 | 1,586 | 636,721 | 811,872 | 7,296 | 819,168 | +182,447 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 78.—PORTUGAL.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 4, 897, 290 | 29, 871 | 4, 927, 161 | 497, 943 | 46, 442 | 454, 385 | —4, 472, 776 |
| 1880 | 4, 586, 764 | 8, 972 | 4, 595, 736 | 520, 500 | 250, 197 | 770, 697 | —3, 825, 039 |
| 1881 | 4, 291, 088 | 178 | 4, 291, 266 | 578, 815 | 179, 387 | 758, 202 | —3, 533, 064 |
| 1882 | 4, 522, 403 | 67, 368 | 4, 589, 771 | 929, 937 | 211, 947 | 1, 141, 884 | —3, 447, 887 |
| 1883 | 5, 363, 122 | 121, 915 | 5, 485, 037 | 862, 422 | 231, 054 | 1, 093, 476 | —4, 391, 561 |
| 1884 | 4, 607, 321 | 11, 610 | 4, 618, 931 | 1, 087, 977 | 174, 823 | 1, 262, 800 | —3, 356, 131 |
| 1885 | 4, 553, 445 | 44, 901 | 4, 598, 346 | 861, 021 | 146, 129 | 1, 007, 150 | —3, 591, 196 |
| 1886 | 4, 306, 205 | 170, 218 | 4, 476, 423 | 1, 165, 397 | 178, 770 | 1, 344, 167 | —3, 132, 256 |
| 1887 | 4, 506, 521 | 34, 366 | 4, 540, 887 | 1, 441, 253 | 237, 945 | 1, 679, 198 | —2, 861, 689 |
| 1888 | 4, 910, 197 | 2, 087 | 4, 912, 284 | 1, 210, 548 | 253, 394 | 1, 463, 942 | —3, 448, 342 |
| 1889 | 2, 872, 507 | 562 | 2, 873, 069 | 1, 071, 632 | 167, 659 | 1, 239, 291 | —1, 633, 778 |
| 1890 | 3, 891, 789 | 1, 045 | 3, 892, 834 | 1, 177, 256 | 241, 053 | 1, 418, 309 | —2, 474, 525 |
| 1891 | 4, 986, 909 | 229 | 4, 987, 138 | 1, 302, 049 | 316, 203 | 1, 618, 252 | —3, 368, 886 |
| 1892 | 4, 081, 453 | 9, 595 | 4, 091, 048 | 1, 575, 880 | 390, 480 | 1, 966, 369 | —2, 124, 679 |
| 1893 | 5, 709, 621 | 17, 713 | 5, 727, 334 | 2, 290, 901 | 398, 830 | 2, 689, 731 | —3, 037, 603 |

## No. 79.—PORTUGUESE POSSESSIONS.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 630, 995 | 5, 211 | 636, 206 | 35, 095 | 74, 173 | 109, 268 | —526, 938 |
| 1880 | 365, 161 | 7, 090 | 372, 251 | 34, 764 | 118, 200 | 152, 964 | —219, 287 |
| 1881 | 526, 852 | 6, 547 | 533, 399 | 49, 396 | 180, 031 | 229, 427 | —303, 972 |
| 1882 | 649, 612 | 13, 032 | 662, 644 | 45, 468 | 64, 429 | 109, 892 | —552, 752 |
| 1883 | 626, 736 | 9, 365 | 636, 101 | 23, 367 | 49, 987 | 73, 354 | —562, 747 |
| 1884 | 575, 891 | 7, 475 | 583, 366 | 37, 438 | 25, 227 | 62, 665 | —520, 701 |
| 1885 | 413, 272 | 7, 773 | 421, 045 | 17, 799 | 82, 718 | 100, 517 | —320, 528 |
| 1886 | 466, 142 | 10, 843 | 476, 985 | 21, 067 | 82, 520 | 103, 587 | —373, 398 |
| 1887 | 363, 892 | 4, 372 | 368, 264 | 58, 053 | 29, 719 | 87, 772 | —280, 492 |
| 1888 | 321, 862 | 3, 347 | 325, 209 | 10, 044 | 64, 154 | 74, 198 | —251, 011 |
| 1889 | 390, 388 | 3, 357 | 393, 745 | 20, 810 | 22, 455 | 43, 265 | —350, 480 |
| 1890 | 491, 879 | 1, 748 | 493, 627 | 19, 232 | 20, 753 | 39, 985 | —453, 642 |
| 1891 | 493, 336 | 4, 069 | 497, 405 | 17, 689 | 15, 084 | 32, 773 | —464, 632 |
| 1892 | 340, 863 | 396 | 341, 259 | 22, 981 | 25, 270 | 48, 251 | —293, 008 |
| 1893 | 483, 674 | 10, 288 | 493, 962 | 31, 698 | 23, 827 | 55, 155 | —438, 807 |

## No. 80.—RUSSIA IN EUROPE.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 16, 597, 515 | ..... | 16, 597, 515 | 968 | 682, 877 | 683, 845 | —15, 913, 670 |
| 1880 | 13, 126, 444 | 700 | 13, 127, 144 | 20, 529 | 652, 425 | 672, 954 | —12, 454, 190 |
| 1881 | 15, 818, 823 | ..... | 15, 818, 823 | 7, 365 | 2, 790, 061 | 2, 797, 426 | —13, 021, 397 |
| 1882 | 11, 455, 135 | 8, 016 | 11, 463, 151 | 94, 413 | 2, 376, 317 | 2, 470, 730 | —8, 992, 421 |
| 1883 | 19, 002, 014 | 17, 420 | 19, 019, 434 | 44, 452 | 2, 455, 016 | 2, 499, 468 | —16, 519, 966 |
| 1884 | 11, 156, 915 | 20 | 11, 156, 935 | 337, 828 | 2, 363, 786 | 2, 701, 614 | —8, 455, 321 |
| 1885 | 7, 645, 338 | ..... | 7, 645, 338 | 311, 395 | 2, 678, 328 | 2, 989, 723 | —4, 655, 615 |
| 1886 | 9, 705, 335 | 4, 425 | 9, 709, 760 | 541, 928 | 2, 641, 225 | 3, 183, 153 | —6, 526, 607 |
| 1887 | 7, 616, 846 | ..... | 7, 616, 846 | 842, 308 | 3, 464, 390 | 4, 306, 698 | —3, 310, 148 |
| 1888 | 11, 206, 304 | ..... | 11, 206, 304 | 787, 721 | 2, 677, 619 | 3, 465, 340 | —7, 740, 964 |
| 1889 | 8, 255, 357 | ..... | 8, 255, 357 | 840, 246 | 2, 034, 847 | 2, 875, 093 | —5, 380, 264 |
| 1890 | 10, 533, 565 | 440 | 10, 534, 005 | 750, 318 | 2, 556, 303 | 3, 306, 621 | —7, 227, 384 |
| 1891 | 7, 764, 012 | ..... | 7, 764, 012 | 1, 600, 252 | 3, 129, 526 | 4, 729, 778 | —3, 034, 234 |
| 1892 | 6, 693, 095 | 5, 740 | 6, 698, 835 | 1, 458, 344 | 3, 468, 286 | 4, 926, 630 | —1, 772, 205 |
| 1893 | 2, 271, 746 | 30, 077 | 2, 301, 823 | 2, 373, 910 | 3, 361, 186 | 5, 735, 096 | +3, 433, 273 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 81.—RUSSIA, ASIATIC.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 122,469 | 5,479 | 127,948 | 78,831 | 74 | 78,905 | —49,043 |
| 1880 | 100,170 | 2,232 | 102,402 | 88,608 | 2,602 | 91,295 | —11,107 |
| 1881 | 202,912 | 3,149 | 207,061 | 89,704 | 23 | 89,727 | —117,334 |
| 1882 | 108,511 | 2,116 | 110,627 | 91,654 | 637 | 92,291 | —18,336 |
| 1883 | 131,234 | 1,683 | 132,917 | 100,302 | 225 | 100,527 | —21,790 |
| 1884 | 138,576 | 891 | 139,377 | 69,256 | 8,789 | 78,045 | —61,332 |
| 1885 | 116,413 | 995 | 117,408 | 101,401 | 325 | 101,726 | —15,682 |
| 1886 | 151,682 | 1,051 | 152,733 | 99,718 | 256 | 99,974 | —52,759 |
| 1887 | 118,098 | 1,090 | 119,188 | 105,031 | 1,572 | 106,603 | —12,585 |
| 1888 | 151,131 | 2,223 | 153,354 | 129,510 | 2,879 | 132,389 | —20,965 |
| 1889 | 108,592 | 596 | 109,188 | 105,067 | 5,471 | 110,538 | +1,350 |
| 1890 | 127,966 | 837 | 128,803 | 103,184 | 74 | 103,258 | —25,545 |
| 1891 | 161,080 | 500 | 161,580 | 103,216 | 351 | 103,567 | —58,013 |
| 1892 | 119,684 | 516 | 120,200 | 319,901 | 268 | 320,167 | +199,967 |
| 1893 | 145,591 | ..... | 145,591 | 379,938 | 1,981 | 381,919 | +236,328 |

## No. 82.—RUSSIA (total).

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 16,719,984 | 5,479 | 16,725,463 | 79,799 | 682,951 | 762,750 | —15,962,713 |
| 1880 | 13,226,614 | 2,932 | 13,229,546 | 109,232 | 655,027 | 764,249 | —12,465,297 |
| 1881 | 16,022,735 | 3,149 | 16,025,884 | 97,069 | 2,790,084 | 2,887,153 | —13,138,731 |
| 1882 | 11,563,646 | 10,132 | 11,573,778 | 186,067 | 2,376,954 | 2,563,021 | —9,010,757 |
| 1883 | 19,123,248 | 18,503 | 19,141,751 | 144,754 | 2,455,241 | 2,599,995 | —16,541,756 |
| 1884 | 11,295,491 | 831 | 11,296,312 | 407,084 | 2,372,575 | 2,779,659 | —8,516,653 |
| 1885 | 7,761,751 | 995 | 7,762,746 | 412,796 | 2,678,653 | 3,091,449 | —4,671,297 |
| 1886 | 9,857,017 | 5,476 | 9,862,493 | 641,646 | 2,641,481 | 3,283,127 | —6,579,366 |
| 1887 | 7,734,944 | 1,090 | 7,736,034 | 947,339 | 3,465,962 | 4,413,301 | —3,322,733 |
| 1888 | 11,357,435 | 2,223 | 11,359,658 | 917,231 | 2,690,496 | 3,607,729 | —7,751,929 |
| 1889 | 8,363,949 | 596 | 8,364,545 | 945,313 | 2,040,318 | 2,985,631 | —5,378,914 |
| 1890 | 10,661,531 | 1,277 | 10,662,808 | 853,502 | 2,556,377 | 3,409,879 | —7,252,929 |
| 1891 | 7,925,092 | 500 | 7,925,592 | 1,703,468 | 3,129,877 | 4,833,345 | —3,092,247 |
| 1892 | 6,812,779 | 6,256 | 6,819,035 | 1,778,245 | 3,468,552 | 5,246,797 | —1,572,238 |
| 1893 | 2,417,337 | 30,077 | 2,447,414 | 2,753,848 | 3,363,167 | 6,117,015 | +3,669,601 |

## No. 83.—SANTO DOMINGO.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 728,738 | 28,477 | 757,215 | 112,965 | 321,748 | 434,733 | —322,482 |
| 1880 | 939,501 | 23,453 | 962,954 | 164,979 | 495,514 | 660,493 | —302,461 |
| 1881 | 757,599 | 29,300 | 787,890 | 204,305 | 720,576 | 924,781 | +136,891 |
| 1882 | 904,149 | 9,855 | 914,004 | 166,329 | 741,731 | 908,060 | —5,944 |
| 1883 | 1,179,200 | 22,674 | 1,201,874 | 157,402 | 1,260,167 | 1,417,519 | +215,645 |
| 1884 | 1,257,969 | 26,201 | 1,284,170 | 93,775 | 1,346,078 | 1,439,853 | +145,683 |
| 1885 | 962,428 | 24,273 | 986,701 | 96,217 | 1,365,202 | 1,461,419 | +474,718 |
| 1886 | 1,017,285 | 26,645 | 1,043,930 | 261,863 | 1,394,269 | 1,656,131 | +612,201 |
| 1887 | 1,014,414 | 18,451 | 1,032,865 | 189,100 | 1,191,026 | 1,380,126 | +347,261 |
| 1888 | 792,569 | 25,147 | 817,707 | 200,703 | 1,258,690 | 1,459,392 | +641,685 |
| 1889 | 1,150,651 | 29,368 | 1,180,019 | 303,757 | 1,150,504 | 1,454,261 | +274,242 |
| 1890 | 926,651 | 23,566 | 950,217 | 230,341 | 1,720,172 | 1,951,013 | +1,000,796 |
| 1891 | 986,826 | 36,925 | 1,023,751 | 1,009,690 | 600,670 | 1,610,360 | +586,609 |
| 1892 | 984,188 | 35,262 | 1,019,450 | 2,279,267 | 14,481 | 2,293,748 | +1,274,298 |
| 1893 | 1,108,733 | 34,746 | 1,143,479 | 2,368,620 | 27,695 | 2,396,315 | +1,252,836 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 84.—SPAIN.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 12,438,903 | 86,426 | 12,525,329 | 328,028 | 3,006,213 | 3,334,241 | —9,191,088 |
| 1880 | 14,641,237 | 16,647 | 14,657,884 | 429,718 | 4,622,701 | 5,052,419 | —9,605,465 |
| 1881 | 12,536,283 | 18,264 | 12,554,547 | 625,501 | 5,308,494 | 5,933,995 | —6,620,552 |
| 1882 | 11,997,881 | 16,327 | 12,014,208 | 606,417 | 5,393,089 | 5,999,506 | —6,014,702 |
| 1883 | 16,815,708 | 115,579 | 16,931,287 | 444,831 | 7,349,514 | 7,794,345 | —9,136,942 |
| 1884 | 11,890,023 | 5,167 | 11,895,190 | 468,999 | 5,738,521 | 6,207,520 | —5,687,670 |
| 1885 | 11,967,165 | 23,903 | 11,991,068 | 375,175 | 4,328,770 | 4,703,945 | —7,287,123 |
| 1886 | 13,047,762 | 44,188 | 13,091,950 | 385,282 | 5,544,920 | 5,930,202 | —7,161,748 |
| 1887 | 12,753,634 | 27,919 | 12,781,553 | 469,395 | 5,101,473 | 5,570,868 | —7,210,685 |
| 1888 | 14,310,459 | 7,707 | 14,318,166 | 660,190 | 4,529,555 | 5,189,745 | —9,128,421 |
| 1889 | 11,932,614 | 13,734 | 11,946,348 | 799,701 | 3,836,960 | 4,636,661 | —7,309,687 |
| 1890 | 12,736,273 | 22,190 | 12,758,463 | 638,077 | 4,650,460 | 5,288,537 | —7,469,926 |
| 1891 | 14,607,893 | 11,442 | 14,619,335 | 736,517 | 5,296,964 | 6,033,481 | —8,585,854 |
| 1892 | 11,522,150 | 6,274 | 11,528,424 | 1,234,284 | 3,973,577 | 5,207,861 | —6,320,563 |
| 1893 | 13,427,171 | 32,912 | 13,460,083 | 1,852,564 | 3,841,989 | 5,694,553 | —7,765,530 |

## No. 85.—CUBA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 12,201,691 | 529,364 | 12,731,055 | 294,933 | 63,354,723 | 63,649,656 | +50,918,601 |
| 1880 | 10,924,633 | 301,066 | 11,225,699 | 555,627 | 64,867,391 | 65,423,018 | +54,197,319 |
| 1881 | 10,999,276 | 365,309 | 11,364,585 | 519,390 | 62,484,014 | 63,003,404 | +51,638,819 |
| 1882 | 11,775,073 | 359,751 | 12,134,824 | 656,042 | 69,794,610 | 70,450,652 | +58,315,828 |
| 1883 | 14,567,918 | 535,785 | 15,103,703 | 785,829 | 64,758,705 | 65,544,534 | +50,440,831 |
| 1884 | 10,562,880 | 347,873 | 10,910,753 | 1,484,638 | 55,696,859 | 57,181,497 | +46,270,744 |
| 1885 | 8,719,195 | 286,965 | 9,006,160 | 1,786,049 | 40,520,044 | 42,306,093 | +33,299,933 |
| 1886 | 10,020,879 | 388,291 | 10,409,170 | 1,765,751 | 49,345,029 | 51,110,780 | +40,701,610 |
| 1887 | 10,138,930 | 407,481 | 10,546,411 | 2,033,205 | 47,482,229 | 49,515,434 | +38,969,023 |
| 1888 | 9,724,124 | 329,436 | 10,053,560 | 2,066,379 | 47,252,708 | 49,319,087 | +39,265,527 |
| 1889 | 11,297,198 | 394,113 | 11,691,311 | 2,405,425 | 49,725,198 | 52,130,623 | +40,439,312 |
| 1890 | 12,669,509 | 414,906 | 13,084,415 | 2,761,711 | 51,039,880 | 53,801,591 | +40,717,176 |
| 1891 | 11,929,605 | 295,283 | 12,224,888 | 26,044,502 | 35,669,893 | 61,714,395 | +49,489,507 |
| 1892 | 17,622,411 | 331,159 | 17,953,570 | 66,140,835 | 11,790,836 | 77,931,671 | +59,978,101 |
| 1893 | 23,604,094 | 553,604 | 24,157,698 | 66,049,369 | 12,657,137 | 78,706,506 | +54,548,808 |

## No. 86.—PUERTO RICO.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 1,771,483 | 39,191 | 1,810,674 | 64,621 | 4,320,333 | 4,384,954 | +2,574,280 |
| 1880 | 1,969,284 | 47,289 | 2,016,573 | 539,793 | 4,904,093 | 5,443,886 | +3,427,313 |
| 1881 | 1,712,732 | 50,980 | 1,763,712 | 516,302 | 3,343,897 | 3,860,199 | +2,096,487 |
| 1882 | 1,838,214 | 24,367 | 1,862,581 | 284,042 | 5,432,832 | 5,716,874 | +3,854,293 |
| 1883 | 2,116,499 | 48,209 | 2,164,708 | 34,605 | 5,442,888 | 5,477,493 | +3,312,785 |
| 1884 | 2,188,609 | 36,006 | 2,224,615 | 67,488 | 6,822,968 | 6,890,456 | +4,665,841 |
| 1885 | 1,533,177 | 36,028 | 1,569,205 | 656,992 | 5,447,271 | 6,104,263 | +4,535,058 |
| 1886 | 1,676,929 | 33,640 | 1,710,569 | 431,757 | 4,162,787 | 4,594,544 | +2,883,975 |
| 1887 | 1,707,241 | 31,251 | 1,738,492 | 74,367 | 4,587,323 | 4,661,690 | +2,923,198 |
| 1888 | 1,920,358 | 49,260 | 1,969,618 | 293,450 | 4,119,033 | 4,412,483 | +2,442,865 |
| 1889 | 2,175,458 | 49,478 | 2,224,931 | 103,720 | 3,603,653 | 3,707,373 | +1,482,442 |
| 1890 | 2,247,700 | 49,838 | 2,297,538 | 176,394 | 3,877,232 | 4,053,626 | +1,756,088 |
| 1891 | 2,112,334 | 42,900 | 2,155,234 | 1,856,955 | 1,307,155 | 3,164,110 | +1,008,876 |
| 1892 | 2,808,631 | 47,372 | 2,856,003 | 3,236,337 | 11,670 | 3,248,007 | +392,004 |
| 1893 | 2,502,788 | 7,819 | 2,510,607 | 3,994,673 | 13,950 | 4,008,623 | +1,498,016 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 87.—ALL SPANISH POSSESSIONS OTHER THAN CUBA AND PUERTO RICO. a

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 313,954 | 740 | 314,694 | 367,953 | 5,383,716 | 5,751,669 | +5,436,975 |
| 1880 | 180,564 | 1,950 | 182,514 | 404,378 | 6,365,776 | 6,770,154 | +6,587,640 |
| 1881 | 280,604 | 2,428 | 283,032 | 316,401 | 9,002,565 | 9,318,966 | +9,035,934 |
| 1882 | 330,619 | 9,146 | 339,765 | 615,107 | 9,882,535 | 10,497,642 | +10,157,877 |
| 1883 | 315,942 | 8,532 | 324,474 | 371,495 | 10,246,068 | 10,617,563 | +10,293,089 |
| 1884 | 266,979 | 8,027 | 275,006 | 155,776 | 12,297,427 | 12,453,203 | +12,178,197 |
| 1885 | 320,469 | 6,872 | 327,341 | 158,360 | 7,758,762 | 7,917,122 | + 7,589,781 |

a Principally Canary and Philippine Islands; for years after 1885, see tables Nos. 88 and 89.

## No. 88.—PHILIPPINE ISLANDS. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1886 | 132,937 | 56 | 132,993 | 82,204 | 9,484,708 | 9,566,912 | +9,433,919 |
| 1887 | 147,682 | ..... | 147,682 | 37,423 | 8,577,407 | 8,614,830 | +8,467,148 |
| 1888 | 165,903 | ..... | 165,903 | 45,876 | 10,222,402 | 10,268,278 | +10,102,375 |
| 1889 | 179,647 | ..... | 179,647 | 35,264 | 10,557,908 | 10,593,172 | +10,413,525 |
| 1890 | 122,276 | ..... | 122,276 | 33,158 | 11,559,468 | 11,592,626 | +11,470,350 |
| 1891 | 124,572 | ..... | 124,572 | 3,067,268 | 2,079,941 | 5,167,209 | +5,042,637 |
| 1892 | 60,914 | ..... | 60,914 | 6,239,642 | 69,011 | 6,308,653 | +6,247,739 |
| 1893 | 154,378 | ..... | 154,378 | 9,117,170 | 42,687 | 9,159,857 | +9,005,479 |

## No. 89.—ALL OTHER SPANISH POSSESSIONS. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1886 | 197,979 | 9,918 | 207,897 | 92,832 | 15,857 | 108,689 | —99,208 |
| 1887 | 158,669 | 4,463 | 163,132 | 72,658 | 26,742 | 99,400 | —63,732 |
| 1888 | 193,421 | 5,382 | 198,803 | 23,787 | 19,895 | 43,682 | —155,121 |
| 1889 | 167,743 | 10,920 | 178,663 | 25,530 | 359,658 | 385,188 | +206,525 |
| 1890 | 176,137 | 7,648 | 183,785 | 30,887 | 51,195 | 82,082 | —101,703 |
| 1891 | 170,730 | 9,756 | 180,486 | 13,418 | 26,119 | 39,537 | —140,949 |
| 1892 | 265,186 | 13,683 | 278,869 | 32,467 | 31,869 | 64,336 | —214,533 |
| 1893 | 1,519 | ..... | 1,519 | ..... | ..... | ..... | —1,519 |

a For years prior to 1886, see table No. 87.

## No. 90.—SWEDEN AND NORWAY.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 2,138,461 | 8,791 | 2,147,252 | 8,767 | 205,157 | 213,924 | —1,933,328 |
| 1880 | 2,365,678 | 20,725 | 2,386,403 | 11,411 | 677,552 | 688,963 | —1,697,440 |
| 1881 | 3,405,484 | 812 | 3,406,296 | 76,003 | 871,893 | 947,896 | —2,458,400 |
| 1882 | 1,740,813 | 2,978 | 1,743,791 | 62,767 | 1,577,205 | 1,639,972 | —103,819 |
| 1883 | 2,822,115 | 2,433 | 2,824,548 | 115,851 | 1,715,320 | 1,831,171 | —993,377 |
| 1884 | 2,440,112 | 3,050 | 2,443,162 | 140,298 | 2,909,540 | 3,049,838 | +606,676 |
| 1885 | 3,115,774 | 2,504 | 3,118,278 | 100,822 | 2,509,849 | 2,610,671 | —507,607 |
| 1886 | 2,931,317 | 6,870 | 2,938,187 | 82,579 | 2,480,454 | 2,563,033 | —375,154 |
| 1887 | 3,076,799 | 4,070 | 3,080,869 | 97,638 | 3,015,764 | 3,113,402 | +32,533 |
| 1888 | 2,679,613 | 41,009 | 2,720,622 | 124,003 | 3,132,061 | 3,256,064 | +535,442 |
| 1889 | 2,612,526 | 3,043 | 2,615,569 | 105,352 | 2,877,967 | 2,983,319 | +367,750 |
| 1890 | 3,555,633 | 16,201 | 3,571,834 | 87,599 | 3,447,291 | 3,534,890 | —36,944 |
| 1891 | 4,939,572 | 3,608 | 4,943,180 | 135,481 | 3,587,720 | 3,723,201 | —1,219,979 |
| 1892 | 6,578,857 | 524 | 6,579,381 | 139,238 | 3,615,694 | 3,754,932 | —2,824,449 |
| 1893 | 4,083,156 | 1,548 | 4,084,704 | 226,701 | 3,949,683 | 4,176,384 | +91,680 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 91.—SWITZERLAND. a

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1884 | 4,016 | ..... | 4,016 | 600,679 | 15,863,355 | 16,464,034 | +16,460,018 |
| 1885 | 46,360 | ..... | 46,360 | 315,162 | 13,548,270 | 13,863,432 | +13,817,072 |
| 1886 | 31,727 | ..... | 31,727 | 330,246 | 14,023,735 | 14,353,981 | +14,322,254 |
| 1887 | 49,598 | ..... | 49,598 | 344,078 | 13,234,135 | 13,578,213 | +13,528,615 |
| 1888 | 24,254 | 330 | 24,584 | 315,993 | 13,395,293 | 13,711,286 | +13,686,702 |
| 1889 | 20,354 | ..... | 20,354 | 384,788 | 12,958,966 | 13,343,704 | +13,323,350 |
| 1890 | 22,170 | 1,015 | 23,185 | 434,075 | 14,007,875 | 14,441,950 | +14,418,765 |
| 1891 | 49,317 | ..... | 49,317 | 704,669 | 13,414,136 | 14,118,805 | +14,069,488 |
| 1892 | 10,397 | ..... | 10,397 | 929,170 | 12,267,299 | 13,196,469 | +13,186,072 |
| 1893 | 7,391 | ..... | 7,391 | 1,105,911 | 14,904,817 | 16,010,728 | +16,003,337 |

a For years prior to 1884 not enumerated, but included in table No. 108, "All other countries."

## No. 92.—TURKEY IN EUROPE.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 3,969,230 | ..... | 3,969,230 | ..... | ..... | ..... | —3,969,230 |
| 1880 | 1,443,596 | ..... | 1,443,596 | 3,077 | 26,758 | 29,835 | —1,413,761 |
| 1881 | 619,419 | ..... | 619,419 | 230,777 | 52,349 | 283,126 | —336,293 |
| 1882 | 1,344,470 | ..... | 1,344,470 | 122,973 | 155,893 | 278,866 | —1,065,604 |
| 1883 | 679,946 | ..... | 679,946 | 198,631 | 289,881 | 488,512 | —191,434 |
| 1884 | 615,835 | 31 | 615,866 | 358,417 | 498,716 | 857,133 | +241,267 |
| 1885 | 419,666 | 500 | 420,166 | 361,628 | 519,003 | 880,631 | +460,465 |
| 1886 | 1,157,263 | 385 | 1,157,648 | 167,629 | 480,773 | 648,402 | —509,246 |
| 1887 | 285,398 | ..... | 285,398 | 305,344 | 780,727 | 1,086,071 | +800,673 |
| 1888 | 182,796 | 420 | 183,216 | 432,099 | 572,221 | 1,004,320 | +821,104 |
| 1889 | 25,099 | ..... | 25,099 | 433,811 | 590,479 | 1,024,290 | +999,191 |
| 1890 | 15,225 | ..... | 15,225 | 496,040 | 930,509 | 1,426,549 | +1,411,324 |
| 1891 | 37,031 | ..... | 37,031 | 946,589 | 908,086 | 1,854,675 | +1,817,644 |
| 1892 | 28,951 | ..... | 28,951 | 1,055,392 | 972,816 | 2,028,208 | +1,999,257 |
| 1893 | 45,889 | ..... | 45,889 | 992,761 | 1,222,703 | 2,215,464 | +2,169,575 |

## No. 93.—TURKEY IN ASIA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 364,370 | 532 | 364,902 | 377,644 | 165,686 | 543,330 | +178,428 |
| 1880 | 163,633 | ..... | 163,633 | 660,593 | 623,431 | 984,024 | +820,391 |
| 1881 | 289,801 | 121 | 289,922 | 245,518 | 630,190 | 875,708 | +585,781 |
| 1882 | 484,696 | ..... | 484,696 | 889,495 | 1,101,108 | 1,990,603 | +1,505,907 |
| 1883 | 398,975 | ..... | 398,975 | 650,131 | 710,113 | 1,360,244 | +961,269 |
| 1884 | 431,809 | ..... | 431,809 | 937,084 | 1,496,932 | 2,436,016 | +1,964,207 |
| 1885 | 431,779 | 1,304 | 433,083 | 631,749 | 1,405,050 | 2,036,799 | +1,603,716 |
| 1886 | 221,862 | ..... | 221,862 | 1,387,402 | 1,629,465 | 3,016,867 | +2,795,005 |
| 1887 | 179,213 | ..... | 179,213 | 1,509,606 | 2,106,700 | 3,616,306 | +3,437,093 |
| 1888 | 143,861 | ..... | 143,861 | 757,665 | 2,301,823 | 3,059,488 | +2,915,627 |
| 1889 | 45,371 | ..... | 45,371 | 808,868 | 2,206,868 | 3,015,236 | +2,969,865 |
| 1890 | 29,669 | ..... | 29,669 | 656,793 | 1,780,315 | 2,437,108 | +2,407,439 |
| 1891 | 92,802 | ..... | 92,802 | 1,259,663 | 1,550,630 | 2,810,293 | +2,717,491 |
| 1892 | 177,341 | 58 | 177,399 | 1,374,013 | 1,524,320 | 2,898,333 | +2,721,434 |
| 1893 | 132,786 | ..... | 132,786 | 1,330,796 | 2,202,401 | 3,533,197 | +3,400,411 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 94.—TURKEY IN AFRICA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 365,170 | ..... | 365,170 | 112,289 | 1,027 | 113,316 | —251,854 |
| 1880 | 305,893 | ..... | 305,893 | 172,040 | 15,417 | 187,457 | —118,436 |
| 1881 | 590,058 | ..... | 590,058 | 352,291 | 71,187 | 423,478 | —166,580 |
| 1882 | 765,090 | ..... | 765,090 | 402,754 | 6,214 | 408,968 | —356,122 |
| 1883 | 290,782 | ..... | 290,782 | 313,947 | 6,264 | 320,211 | +29,429 |
| 1884 | 357,808 | ..... | 357,808 | 243,244 | 14,748 | 257,992 | —99,816 |
| 1885 | 549,442 | ..... | 549,442 | 215,228 | 21,242 | 236,470 | —312,972 |
| 1886 | 183,311 | ..... | 183,311 | 248,312 | 16,619 | 264,931 | +81,620 |
| 1887 | 303,257 | ..... | 303,257 | 222,378 | 33,318 | 255,696 | —47,561 |
| 1888 | 268,027 | ..... | 268,027 | 291,069 | 50,928 | 341,997 | +73,970 |
| 1889 | 117,426 | ..... | 117,426 | 632,583 | 15,622 | 648,205 | +530,779 |
| 1890 | 131,492 | 39 | 131,531 | 716,558 | 42,564 | 759,122 | +627,591 |
| 1891 | 200,776 | ..... | 200,776 | 1,502,756 | 93,111 | 1,595,867 | +1,395,091 |
| 1892 | 136,274 | ..... | 136,274 | 2,249,003 | 81,636 | 2,330,639 | +2,194,365 |
| 1893 | 128,651 | 36 | 128,687 | 3,366,463 | 72,462 | 3,438,925 | +3,310,238 |

## No. 95.—UNITED KINGDOM.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 348,485,881 | 2,342,558 | 348,828,439 | 16,633,423 | 89,900,389 | 108,533,812 | —240,289,627 |
| 1880 | 450,994,244 | 2,802,253 | 453,796,497 | 30,789,424 | 179,824,270 | 210,613,694 | —243,182,803 |
| 1881 | 477,450,619 | 3,684,459 | 481,135,078 | 24,053,368 | 150,440,370 | 174,493,738 | —306,641,340 |
| 1882 | 404,248,031 | 4,099,124 | 408,347,155 | 25,680,499 | 169,908,193 | 195,588,692 | —212,758,463 |
| 1883 | 420,433,473 | 4,990,701 | 425,424,174 | 27,324,440 | 161,298,179 | 188,622,619 | —236,801,555 |
| 1884 | 382,717,159 | 3,521,227 | 386,238,386 | 27,586,708 | 134,962,900 | 162,549,608 | —223,688,778 |
| 1885 | 394,925,925 | 3,177,278 | 398,103,203 | 24,495,559 | 112,206,221 | 136,701,780 | —261,401,423 |
| 1886 | 344,927,973 | 3,525,727 | 348,453,700 | 27,345,468 | 126,908,586 | 154,254,054 | —194,199,646 |
| 1887 | 363,101,143 | 3,209,536 | 366,310,679 | 26,732,749 | 138,334,694 | 165,067,443 | —201,243,236 |
| 1888 | 358,238,790 | 3,276,913 | 361,515,703 | 30,695,422 | 147,202,553 | 177,897,975 | —183,617,728 |
| 1889 | 379,990,131 | 2,991,543 | 382,981,674 | 28,205,963 | 150,063,104 | 178,269,067 | —204,712,607 |
| 1890 | 444,459,009 | 3,436,653 | 447,895,662 | 30,646,069 | 155,842,827 | 186,488,956 | —261,406,706 |
| 1891 | 441,599,807 | 3,814,219 | 445,414,026 | 36,418,430 | 158,304,832 | 194,723,262 | —250,690,764 |
| 1892 | 493,957,868 | 5,357,464 | 499,315,332 | 35,367,178 | 120,933,703 | 156,300,881 | —343,014,451 |
| 1893 | 414,966,094 | 6,168,457 | 421,134,551 | 43,166,473 | 139,693,296 | 182,859,769 | —238,274,782 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 96.—GIBRALTAR.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports(—) or imports(+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 1,297,826 | 480 | 1,298,300 | 3,127 | 7,094 | 10,221 | —1,288,079 |
| 1880 | 2,322,703 | 962 | 2,323,665 | 7,132 | 15,686 | 22,818 | —2,300,847 |
| 1881 | 2,802,610 | 79,132 | 2,881,742 | 3,834 | 13,582 | 17,416 | —2,864,326 |
| 1882 | 1,338,731 | 16,776 | 1,355,507 | 7,332 | 5,435 | 12,767 | —1,342,740 |
| 1883 | 623,481 | 4,335 | 627,816 | 1,964 | 2,609 | 4,573 | —623,243 |
| 1884 | 1,104,141 | 14,025 | 1,118,166 | 1,817 | 2,931 | 4,748 | —1,113,418 |
| 1885 | 1,251,784 | 9,827 | 1,261,611 | 392 | 3,171 | 3,563 | —1,258,048 |
| 1886 | 920,734 | 4,278 | 925,012 | 5 | 1,901 | 1,906 | —923,106 |
| 1887 | 727,050 | 5,005 | 732,055 | 2,078 | 3,865 | 5,943 | —726,112 |
| 1888 | 604,134 | 1,911 | 606,045 | 1,733 | 2,862 | 4,595 | —601,450 |
| 1889 | 533,755 | 4,708 | 538,463 | 3,933 | 4,140 | 13,073 | —525,390 |
| 1890 | 501,421 | 1,095 | 502,516 | 19,487 | 8,070 | 27,557 | —474,959 |
| 1891 | 476,068 | 4,037 | 480,105 | 67,473 | 15,356 | 82,829 | —397,276 |
| 1892 | 403,165 | 2,342 | 405,507 | 76,314 | 10,617 | 86,931 | —318,576 |
| 1893 | 425,520 | 3,706 | 434,226 | 174,069 | 7,151 | 181,220 | —253,006 |

## No. 97.—DOMINION OF CANADA AND OTHER BRITISH NORTH AMERICAN POSSESSIONS. a

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 28,381,569 | 2,462,133 | 30,843,702 | 7,403,408 | 18,730,146 | 26,133,554 | —4,710,148 |
| 1880 | 28,062,680 | 2,713,191 | 30,775,871 | 9,512,820 | 23,701,520 | 33,214,340 | +2,438,469 |
| 1881 | 35,793,031 | 3,719,845 | 39,512,876 | 10,896,286 | 27,145,661 | 38,041,947 | —1,470,929 |
| 1882 | 35,289,859 | 3,279,963 | 38,569,822 | 12,658,318 | 38,455,157 | 51,113,475 | +12,543,653 |
| 1883 | 42,831,005 | 3,749,248 | 46,580,253 | 14,201,349 | 30,539,527 | 44,740,876 | —1,839,377 |
| 1884 | 42,510,932 | 3,900,518 | 46,411,450 | 15,237,307 | 23,778,533 | 39,015,840 | —7,395,610 |
| 1885 | 35,976,815 | 4,148,092 | 40,124,907 | 12,871,884 | 24,068,657 | 36,960,541 | —3,164,366 |
| 1886 | 31,953,124 | 2,831,897 | 34,785,021 | 12,042,627 | 25,458,711 | 37,496,338 | +2,711,317 |
| 1887 | 33,495,403 | 2,666,944 | 36,162,347 | 11,885,368 | 26,130,216 | 38,015,584 | +1,853,237 |
| 1888 | 34,432,059 | 2,813,060 | 37,245,119 | 12,917,954 | 30,166,169 | 43,084,123 | +5,839,004 |
| 1889 | 39,806,682 | 2,334,474 | 42,141,156 | 13,519,114 | 29,490,359 | 43,009,473 | +868,317 |
| 1890 | 38,544,454 | 2,959,358 | 41,503,812 | 12,139,489 | 27,257,491 | 39,396,980 | —2,106,832 |
| 1891 | 37,345,515 | 2,098,240 | 39,443,755 | 11,753,344 | 27,682,191 | 39,434,535 | —9,220 |
| 1892 | 42,520,578 | 2,305,410 | 44,825,988 | 9,923,299 | 26,411,248 | 35,334,547 | —9,551,441 |
| 1893 | 44,330,203 | 3,798,305 | 48,128,508 | 11,649,414 | 26,536,928 | 38,186,342 | —10,442,166 |

a The statistics of exports to the Dominion of Canada over railways are incomplete prior to April 1, 1893.

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 98.—BRITISH WEST INDIES, INCLUDING BERMUDA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 6,485,391 | 217,045 | 6,702,436 | 912,166 | 2,647,829 | 3,559,995 | −3,142,441 |
| 1880 | 6,849,878 | 217,870 | 7,067,748 | 992,799 | 4,489,203 | 5,482,002 | −1,585,746 |
| 1881 | 8,138,565 | 257,579 | 8,396,144 | 916,597 | 5,377,449 | 6,294,046 | −2,102,098 |
| 1882 | 7,824,293 | 217,073 | 8,041,366 | 1,152,502 | 5,491,885 | 6,644,387 | −1,396,979 |
| 1883 | 8,241,632 | 260,531 | 8,502,153 | 1,495,329 | 7,240,783 | 8,736,112 | +233,959 |
| 1884 | 8,553,244 | 296,070 | 8,849,314 | 2,600,181 | 7,191,435 | 9,791,616 | +942,302 |
| 1885 | 6,963,219 | 247,660 | 7,210,879 | 2,426,962 | 7,936,449 | 10,363,381 | +3,152,502 |
| 1886 | 7,113,699 | 208,427 | 7,322,126 | 2,668,580 | 7,185,100 | 9,853,680 | +2,531,554 |
| 1887 | 6,465,030 | 182,174 | 6,647,204 | 2,776,573 | 8,793,206 | 11,569,779 | +4,922,575 |
| 1888 | 7,450,016 | 161,515 | 7,611,533 | 4,285,755 | 8,265,185 | 12,550,940 | +4,939,407 |
| 1889 | 8,197,693 | 190,413 | 8,388,106 | 5,106,066 | 10,879,496 | 15,985,562 | +7,597,456 |
| 1890 | 8,074,433 | 214,353 | 8,288,786 | 4,729,458 | 10,135,560 | 14,865,018 | +6,576,232 |
| 1891 | 9,546,058 | 233,080 | 9,779,138 | 9,781,685 | 6,511,499 | 16,293,184 | +6,514,046 |
| 1892 | 8,886,137 | 152,239 | 9,038,376 | 12,053,410 | 939,037 | 12,992,447 | +3,954,071 |
| 1893 | 8,855,943 | 151,019 | 9,006,962 | 15,694,806 | 1,093,632 | 16,788,438 | +7,781,476 |

## No. 99.—BRITISH HONDURAS.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 298,762 | 4,960 | 298,722 | 115,778 | 43,312 | 159,090 | −139,632 |
| 1880 | 370,252 | 35,430 | 405,682 | 313,201 | 140,118 | 453,319 | +47,637 |
| 1881 | 471,302 | 14,657 | 485,959 | 298,503 | 144,617 | 443,120 | −42,839 |
| 1882 | 498,881 | 9,433 | 508,313 | 299,748 | 189,721 | 489,469 | −18,844 |
| 1883 | 487,535 | 16,882 | 504,417 | 395,337 | 136,502 | 531,839 | +27,422 |
| 1884 | 414,746 | 16,338 | 431,084 | 171,331 | 91,460 | 262,791 | −168,293 |
| 1885 | 359,730 | 10,622 | 369,753 | 164,171 | 54,189 | 218,360 | −151,393 |
| 1886 | 364,528 | 15,121 | 379,649 | 224,735 | 45,628 | 270,363 | −109,286 |
| 1887 | 349,510 | 5,423 | 354,932 | 267,197 | 36,086 | 303,283 | −51,649 |
| 1888 | 321,525 | 4,969 | 326,494 | 157,098 | 26,542 | 183,635 | −142,859 |
| 1889 | 362,623 | 6,975 | 369,598 | 181,515 | 29,950 | 211,465 | −158,133 |
| 1890 | 348,564 | 5,904 | 354,468 | 174,372 | 12,459 | 186,831 | −167,637 |
| 1891 | 457,549 | 5,290 | 462,839 | 216,416 | 2,674 | 219,090 | −243,749 |
| 1892 | 464,892 | 9,104 | 473,996 | 233,149 | 376 | 233,525 | −240,361 |
| 1893 | 391,106 | 14,062 | 405,168 | 154,859 | 312 | 155,171 | −249,997 |

## No. 100.—BRITISH GUIANA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 1,719,827 | 63,454 | 1,783,281 | 56,661 | 515,464 | 574,125 | −1,209,156 |
| 1880 | 1,723,166 | 60,503 | 1,783,669 | 11,008 | 1,898,986 | 1,909,994 | +126,325 |
| 1881 | 1,682,373 | 41,074 | 1,723,447 | 23,087 | 2,401,987 | 2,434,074 | +700,627 |
| 1882 | 1,976,586 | 52,734 | 2,029,320 | 7,527 | 3,220,915 | 3,228,442 | +1,199,122 |
| 1883 | 1,973,423 | 61,734 | 2,035,156 | 9,892 | 5,936,537 | 5,946,429 | +3,911,273 |
| 1884 | 1,833,148 | 51,268 | 1,884,416 | 4,860 | 4,091,176 | 4,095,536 | +2,211,120 |
| 1885 | 1,631,608 | 9,049 | 1,640,657 | 10,401 | 910,953 | 921,354 | −719,303 |
| 1886 | 1,554,726 | 29,568 | 1,584,294 | 6,902 | 1,857,694 | 1,864,596 | +280,302 |
| 1887 | 1,423,211 | 45,828 | 1,469,039 | 15,212 | 2,724,661 | 2,739,873 | +1,270,834 |
| 1888 | 1,651,711 | 65,700 | 1,717,411 | 5,755 | 2,816,627 | 2,822,382 | +1,104,971 |
| 1889 | 1,643,249 | 53,020 | 1,696,269 | 14,135 | 4,512,046 | 4,526,181 | +2,829,912 |
| 1890 | 2,011,122 | 95,223 | 2,106,345 | 1,659 | 4,325,316 | 4,326,975 | +2,220,630 |
| 1891 | 1,761,350 | 97,392 | 1,858,742 | 977,659 | 3,905,547 | 4,883,206 | +3,024,464 |
| 1892 | 1,885,542 | 47,757 | 1,933,299 | 4,362,994 | 210 | 4,363,204 | +2,429,905 |
| 1893 | 1,953,012 | 47,663 | 2,000,675 | 5,028,848 | 330 | 5,029,178 | +3,028,503 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 101.—BRITISH INDIA AND EAST INDIES.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+) |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 1,142,196 | 240 | 1,142,436 | 5,844,754 | 6,381,016 | 12,225,770 | +11,083,334 |
| 1880 | 2,218,190 | 1,037 | 2,219,227 | 11,879,080 | 9,143,194 | 21,022,854 | +18,803,627 |
| 1881 | 858,069 | ..... | 858,069 | 11,236,204 | 6,776,002 | 18,012,206 | +17,154,137 |
| 1882 | 3,054,787 | ..... | 3,054,787 | 11,663,710 | 6,394,203 | 18,057,913 | +15,003,126 |
| 1883 | 2,185,611 | 193 | 2,185,804 | 12,459,562 | 7,008,218 | 19,467,800 | +17,281,996 |
| 1884 | 3,711,259 | 3,508 | 3,714,767 | 12,223,931 | 7,326,527 | 19,550,458 | +15,835,691 |
| 1885 | 4,103,075 | 7,293 | 4,110,368 | 9,668,642 | 8,030,615 | 17,699,257 | +13,588,889 |
| 1886 | 4,350,141 | 8,049 | 4,358,190 | 11,304,346 | 5,833,479 | 17,247,825 | +12,889,635 |
| 1887 | 3,902,047 | 530 | 3,902,577 | 13,030,111 | 5,805,979 | 18,836,090 | +14,933,513 |
| 1888 | 3,745,695 | 17 | 3,745,712 | 11,200,860 | 7,205,433 | 18,406,293 | +14,660,581 |
| 1889 | 4,330,413 | ..... | 4,330,413 | 12,963,895 | 7,065,706 | 20,029,601 | +15,699,188 |
| 1890 | 4,655,256 | 723 | 4,655,979 | 11,957,171 | 8,547,148 | 20,504,319 | +16,148,340 |
| 1891 | 4,399,544 | 559 | 4,400,103 | 16,650,014 | 6,706,975 | 23,356,989 | +18,956,886 |
| 1892 | 3,674,141 | 166 | 3,674,307 | 19,741,725 | 5,031,382 | 24,773,107 | +21,098,800 |
| 1893 | 3,152,679 | 81 | 3,152,760 | 20,525,390 | 5,442,664 | 25,968,554 | +22,815,794 |

## No. 102.—HONGKONG.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 3,279,277 | 11,245 | 3,290,522 | 473,800 | 1,179,550 | 1,653,350 | —1,637,172 |
| 1880 | 2,873,132 | 4,260 | 2,877,392 | 999,329 | 1,251,260 | 2,251,089 | —626,303 |
| 1881 | 2,914,668 | 2,186 | 2,916,854 | 635,284 | 1,764,594 | 2,399,828 | —517,026 |
| 1882 | 3,211,399 | 16,498 | 3,227,897 | 474,003 | 1,950,089 | 2,424,092 | —803,805 |
| 1883 | 3,766,231 | 11,528 | 3,777,759 | 302,347 | 1,616,547 | 1,918,894 | —1,858,865 |
| 1884 | 3,078,542 | 5,307 | 3,083,849 | 391,595 | 1,112,985 | 1,504,580 | —1,579,269 |
| 1885 | 4,134,592 | 14,719 | 4,149,311 | 375,902 | 607,913 | 983,815 | —3,165,496 |
| 1886 | 4,044,384 | 11,852 | 4,056,236 | 376,128 | 696,331 | 1,072,459 | —2,983,777 |
| 1887 | 2,960,055 | 3,987 | 2,964,042 | 581,050 | 855,431 | 1,436,481 | —1,547,561 |
| 1888 | 3,345,477 | 6,475 | 3,351,952 | 645,363 | 799,911 | 1,445,774 | —1,906,178 |
| 1889 | 3,675,594 | 10,790 | 3,686,384 | 513,108 | 967,158 | 1,480,266 | —2,296,118 |
| 1890 | 4,434,641 | 4,512 | 4,439,153 | 290,059 | 679,686 | 969,745 | —3,469,408 |
| 1891 | 4,743,498 | 25,199 | 4,768,697 | 270,615 | 292,660 | 563,275 | —4,205,422 |
| 1892 | 4,887,350 | 6,699 | 4,894,049 | 376,483 | 386,840 | 763,323 | —4,130,726 |
| 1893 | 4,214,576 | 2,026 | 4,216,602 | 372,696 | 505,382 | 878,078 | —3,338,524 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 103.—BRITISH AUSTRALASIA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 7,042,875 | 128,940 | 7,171,815 | 238,759 | 547,014 | 785,773 | —6,386,042 |
| 1880 | 4,687,223 | 61,367 | 4,748,590 | 693,291 | 2,227,521 | 2,920,812 | —1,827,778 |
| 1881 | 6,636,130 | 92,375 | 6,728,505 | 1,159,812 | 928,490 | 2,088,302 | —4,640,203 |
| 1882 | 8,982,974 | 126,915 | 9,109,889 | 1,842,329 | 1,847,095 | 3,689,424 | —5,420,465 |
| 1883 | 9,638,997 | 156,659 | 9,795,656 | 2,134,595 | 1,886,390 | 4,021,395 | —5,774,261 |
| 1884 | 9,225,459 | 161,867 | 9,387,326 | 1,659,533 | 2,713,932 | 4,373,465 | —5,013,861 |
| 1885 | 10,534,138 | 114,054 | 10,648,192 | 1,437,036 | 1,886,357 | 2,323,393 | —7,824,799 |
| 1886 | 10,981,915 | 152,386 | 11,134,301 | 1,563,507 | 2,295,853 | 3,859,360 | —7,274,941 |
| 1887 | 9,543,474 | 124,961 | 9,668,435 | 1,989,512 | 2,421,607 | 4,411,119 | —5,257,316 |
| 1888 | 11,076,053 | 92,626 | 11,168,679 | 2,635,170 | 2,392,609 | 5,027,779 | —6,140,900 |
| 1889 | 12,252,147 | 69,833 | 12,321,980 | 2,897,994 | 3,600,217 | 5,998,211 | —6,323,769 |
| 1890 | 11,168,081 | 98,403 | 11,266,484 | 2,176,462 | 2,101,214 | 4,277,676 | —6,988,808 |
| 1891 | 12,891,679 | 125,453 | 13,017,132 | 3,717,062 | 2,521,959 | 6,239,021 | —6,778,111 |
| 1892 | 11,246,474 | 140,203 | 11,386,677 | 4,441,496 | 4,050,810 | 8,492,306 | —2,894,371 |
| 1893 | 7,818,130 | 103,098 | 7,921,228 | 4,853,765 | 2,413,043 | 7,266,808 | —654,420 |

## No. 104.—BRITISH AFRICA.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 2,168,076 | 59,454 | 2,227,530 | 582,904 | 224,891 | 807,795 | —1,419,735 |
| 1880 | 2,322,178 | 64,596 | 2,386,774 | 740,674 | 1,313,230 | 2,053,904 | —332,870 |
| 1881 | 2,394,507 | 76,085 | 2,470,592 | 607,396 | 1,088,938 | 1,696,334 | —774,258 |
| 1882 | 2,775,371 | 58,304 | 2,833,675 | 596,917 | 1,067,966 | 1,664,883 | —1,168,792 |
| 1883 | 2,405,901 | 32,168 | 2,438,069 | 664,808 | 1,175,212 | 1,840,020 | —598,049 |
| 1884 | 1,520,191 | 12,748 | 1,532,939 | 864,209 | 1,359,941 | 2,224,150 | +691,211 |
| 1885 | 1,491,481 | 23,136 | 1,514,617 | 883,977 | 626,181 | 1,509,258 | —5,359 |
| 1886 | 1,230,550 | 10,955 | 1,241,505 | 817,087 | 535,481 | 1,352,568 | +111,063 |
| 1887 | 1,460,256 | 11,653 | 1,471,909 | 572,013 | 660,927 | 1,232,940 | —238,969 |
| 1888 | 1,682,374 | 20,420 | 1,702,794 | 461,966 | 551,781 | 1,013,747 | —689,047 |
| 1889 | 2,384,602 | 13,148 | 2,397,750 | 317,040 | 565,231 | 882,271 | —1,515,479 |
| 1890 | 3,238,809 | 14,066 | 3,252,875 | 233,603 | 741,718 | 975,321 | —2,277,554 |
| 1891 | 3,134,028 | 7,771 | 3,141,799 | 344,107 | 615,294 | 959,401 | —2,182,398 |
| 1892 | 3,453,700 | 11,065 | 3,464,765 | 545,141 | 271,456 | 816,597 | —2,648,168 |
| 1893 | 3,681,871 | 7,428 | 3,688,999 | 881,284 | 335,092 | 716,376 | —2,972,623 |

## No. 105.—URUGUAY.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 877,615 | 61,747 | 939,362 | 1,653,820 | 126,320 | 1,780,140 | +840,778 |
| 1880 | 880,371 | 48,080 | 928,451 | 3,787,307 | 1,754,728 | 5,542,035 | +4,613,584 |
| 1881 | 1,536,326 | 76,286 | 1,612,612 | 3,262,311 | 902,352 | 4,164,663 | +2,552,051 |
| 1882 | 1,457,978 | 97,510 | 1,555,488 | 5,581,483 | 1,256,254 | 6,837,736 | +5,282,248 |
| 1883 | 1,385,755 | 67,063 | 1,452,818 | 3,098,012 | 887,098 | 3,980,110 | +2,527,292 |
| 1884 | 1,239,923 | 128,495 | 1,368,418 | 1,784,693 | 344,288 | 2,128,981 | +760,563 |
| 1885 | 1,601,759 | 80,684 | 1,682,443 | 2,317,139 | 417,478 | 2,734,617 | +1,052,174 |
| 1886 | 1,110,545 | 110,531 | 1,221,076 | 3,577,376 | 1,348,472 | 4,925,848 | +3,704,772 |
| 1887 | 1,393,725 | 174,256 | 1,567,981 | 2,381,111 | 437,650 | 2,818,761 | +1,250,780 |
| 1888 | 1,337,430 | 121,902 | 1,459,332 | 2,318,017 | 393,504 | 2,711,521 | +1,252,189 |
| 1889 | 2,027,383 | 165,465 | 2,192,848 | 2,150,870 | 836,094 | 2,986,964 | +794,116 |
| 1890 | 3,210,112 | 141,762 | 3,351,874 | 1,723,357 | 31,546 | 1,754,903 | —1,596,971 |
| 1891 | 1,032,937 | 43,638 | 1,076,575 | 2,193,745 | 162,994 | 2,356,739 | +1,280,164 |
| 1892 | 907,067 | 31,963 | 939,030 | 1,883,927 | 596,669 | 2,480,596 | +1,541,566 |
| 1893 | 902,144 | 58,462 | 960,606 | 1,535,880 | 87,500 | 1,623,380 | +662,774 |

VALUE OF MERCHANDISE IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 106.—VENEZUELA.

| Year ending June 30— | Exports. | | | Imports. | | | Excess of exports (—) or imports (+). |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 1,926,923 | 46,804 | 1,973,727 | 4,850,953 | 4,081 | 4,855,034 | +2,881,307 |
| 1880 | 2,268,705 | 62,040 | 2,330,745 | 5,992,060 | 47,032 | 6,039,092 | +3,708,347 |
| 1881 | 2,704,063 | 64,541 | 2,768,604 | 6,563,043 | 38,774 | 6,601,817 | +3,833,213 |
| 1882 | 2,137,100 | 38,085 | 2,175,185 | 5,742,342 | 3,958 | 5,746,300 | +3,571,115 |
| 1883 | 2,363,211 | 40,494 | 2,403,705 | 5,889,985 | 11,739 | 5,901,724 | +3,498,019 |
| 1884 | 2,388,945 | 39,016 | 2,427,961 | 6,668,048 | 5,993 | 6,674,041 | +4,246,080 |
| 1885 | 2,992,968 | 50,641 | 3,043,609 | 6,267,887 | 41,693 | 6,309,580 | +3,265,971 |
| 1886 | 2,695,488 | 37,342 | 2,732,830 | 5,754,151 | 37,470 | 5,791,621 | +3,058,791 |
| 1887 | 2,827,010 | 44,709 | 2,871,719 | 8,248,450 | 12,786 | 8,261,236 | +5,389,517 |
| 1888 | 3,008,336 | 30,179 | 3,038,515 | 10,042,905 | 8,345 | 10,051,250 | +7,012,735 |
| 1889 | 3,703,705 | 35,256 | 3,738,961 | 10,385,769 | 6,800 | 10,392,569 | +6,653,608 |
| 1890 | 3,984,280 | 44,303 | 4,028,583 | 10,960,770 | 5,995 | 10,966,765 | +6,938,182 |
| 1891 | 4,716,047 | 68,909 | 4,784,956 | 12,053,699 | 24,842 | 12,078,541 | +7,293,585 |
| 1892 | 3,991,908 | 57,247 | 4,049,155 | 9,174,816 | 1,150,522 | 10,325,338 | +6,276,183 |
| 1893 | 4,142,051 | 65,610 | 4,207,661 | 454,122 | 3,170,996 | 3,625,118 | —582,543 |

## No. 107.—ALL OTHER SOUTH AMERICA.[a]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 91,686 | 1,061 | 92,747 | ..... | ..... | ..... | —92,747 |
| 1880 | 103,851 | 1,261 | 105,112 | 93,309 | 14,669 | 107,978 | +2,866 |
| 1881 | 103,905 | 5,004 | 108,909 | 390,918 | 22 | 390,940 | +281,941 |
| 1882 | 134,979 | 2,086 | 137,065 | 1,158,153 | 277 | 1,158,430 | +1,021,365 |
| 1883 | 94,220 | 12,676 | 106,896 | 1,600,736 | 1,977 | 1,602,713 | +1,495,817 |
| 1884 | 622,958 | 6,936 | 629,894 | 1,346,123 | 489 | 1,346,612 | +716,718 |
| 1885 | 425,563 | 2,448 | 428,011 | 753,321 | 280 | 753,601 | +325,590 |
| 1886 | 638,343 | 4,351 | 642,694 | 933,162 | 121 | 933,283 | +290,589 |

[a] Includes Bolivia and Paraguay.

## No. 108.—ALL OTHER COUNTRIES.[a]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1879 | 1,321,157 | 6,077 | 1,327,234 | 246,315 | 567,239 | 813,554 | —513,680 |
| 1880 | 1,343,740 | 2,071 | 1,345,811 | 643,859 | 186,004 | 829,863 | —515,948 |
| 1881 | 1,167,719 | 3,276 | 1,170,995 | 1,120,424 | 831,529 | 1,951,953 | +780,958 |
| 1882 | 1,355,425 | 7,661 | 1,363,086 | 2,202,220 | 1,091,932 | 3,294,152 | +1,931,066 |
| 1883 | 1,098,944 | 15,529 | 1,114,473 | 2,198,258 | 1,207,839 | 3,406,097 | +2,291,624 |
| 1884 | 618,208 | 4,516 | 622,724 | 2,417,508 | 329,949 | 2,747,457 | +2,124,733 |
| 1885 | 1,319,134 | 6,814 | 1,325,948 | 2,048,333 | 82,610 | 2,125,943 | +799,995 |
| 1886 | 1,683,530 | 10,685 | 1,694,215 | 2,672,967 | 54,793 | 2,727,760 | +1,033,545 |
| 1887 | 1,538,687 | 5,289 | 1,543,976 | 2,665,521 | 68,489 | 2,734,010 | +1,190,034 |
| 1888 | 1,379,335 | 6,302 | 1,385,637 | 2,804,210 | 36,245 | 2,840,455 | +1,454,818 |
| 1889 | 1,708,340 | 8,894 | 1,717,234 | 3,240,177 | 53,848 | 3,293,525 | +1,576,291 |
| 1890 | 1,604,307 | 7,984 | 1,612,291 | 2,939,978 | 35,273 | 2,975,251 | +1,362,960 |
| 1891 | 1,606,258 | 3,180 | 1,609,438 | 2,854,759 | 23,305 | 2,878,064 | +1,268,626 |
| 1892 | 1,660,808 | 1,116 | 1,661,924 | 3,820,477 | 54,202 | 3,874,679 | +2,212,755 |
| 1893 | 1,397,276 | 2,576 | 1,399,852 | 3,813,973 | 7,789 | 3,821,761 | +2,421,909 |

[a] Includes Greenland, Iceland, and the Faroe Islands; all other countries and islands in Asia and Africa; all other British Possessions, and, prior to 1884, Switzerland.

## ALL OTHER COUNTRIES, YEAR ENDING JUNE 30, 1893.

| Countries. | Exports. | | | Imports. | | | Excess of exports(—) or imports (+) |
|---|---|---|---|---|---|---|---|
| | Domestic. | Foreign. | Total. | Free. | Dutiable. | Total. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Greenland, Iceland, and the Faroe Islands | 2,800 | ..... | 2,800 | 110,583 | 30 | 110,613 | +107,813 |
| Roumania | 48,798 | ..... | 48,798 | ..... | ..... | ..... | —48,798 |
| Servia | ..... | ..... | ..... | 23,808 | ..... | 23,808 | +23,808 |
| French East Indies | 156,020 | ..... | 156,020 | ..... | ..... | ..... | —156,020 |
| Korea | ..... | ..... | ..... | 13 | 66 | 79 | +79 |
| All other countries and islands in Asia | 139,089 | ..... | 139,089 | 73,894 | 1,882 | 75,276 | —63,768 |
| All other countries and islands in Africa | 412,507 | ..... | 412,507 | 1,076,961 | 3,578 | 1,080,539 | +668,032 |
| British Possessions, all other | 570,332 | ..... | 570,332 | 2,469,460 | 2,477 | 2,471,937 | +1,901,605 |
| All other islands and ports | 67,780 | 2,576 | 70,356 | 59,263 | 256 | 59,509 | —10,847 |
| Total | 1,397,276 | 2,576 | 1,399,852 | 3,813,972 | 7,789 | 3,821,761 | +2,421,409 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE.

NOTE.—In the following tables only those years of the above period appear in which imports or exports of gold and silver occurred.

## No. 109.—ARGENTINE REPUBLIC.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 889 | | —889 | | 1,000 | +1,000 |
| 1886 | | 3,000 | +3,000 | | 213 | +213 |
| 1887 | | 3,910 | +3,910 | | | |
| 1889 | | | | 11,483 | | —11,483 |
| 1890 | 1,000 | | —1,000 | | | |

## No. 110.—BELGIUM.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1880 | | 5,597 | +5,597 | | | |
| 1881 | | 30,880 | +30,880 | | | |
| 1882 | | 6 | +6 | | | |
| 1884 | 550,990 | | —550,990 | | | |
| 1885 | | 19,534 | +19,534 | | | |
| 1886 | 150,000 | | —150,000 | | | |
| 1887 | | 45,162 | +45,162 | | | |
| 1892 | | 96,560 | +96,560 | | | |

## No. 111.—BRAZIL.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | | 3,504 | +3,504 | | 6,693 | +6,693 |
| 1880 | | | | | 10,881 | +10,881 |
| 1881 | | | | | 872 | +872 |
| 1883 | 800 | 499 | —301 | | | |
| 1884 | 1,000 | 300 | —700 | 5,250 | | —5,250 |
| 1885 | | 2,140 | +2,140 | 8,525 | 1,526 | —6,999 |
| 1886 | 3,000 | 16,392 | +13,392 | 2,275 | | —2,275 |
| 1887 | | 2,415 | +2,415 | 9,821 | | —9,821 |
| 1888 | | 20,100 | +20,100 | 16,357 | | —16,357 |
| 1889 | 50,130 | | —50,130 | 13,313 | 59 | —13,254 |
| 1890 | 214,013 | 4,002 | —210,011 | 369,368 | 1,726 | —367,642 |
| 1891 | 19,424 | 2,382 | —17,042 | 571,285 | 629 | —570,606 |
| 1892 | 1,963 | 84,425 | +82,442 | 674,032 | 927 | —673,105 |
| 1893 | 5,000 | 2,735 | —2,265 | 82,106 | 1,282 | —80,824 |

## No. 112.—CENTRAL AMERICAN STATES. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 264,627 | 16,215 | —248,412 | 62,986 | 229,330 | +166,344 |
| 1880 | 66,763 | 51,820 | —14,942 | 194,384 | 123,236 | —71,148 |
| 1881 | 3,405 | 23,535 | +20,130 | 164,614 | 217,648 | +53,034 |
| 1882 | 25,805 | 36,244 | +10,439 | 260,724 | 74,377 | —186,347 |
| 1883 | 10,251 | 63,109 | +52,858 | 14,017 | 27,403 | +13,386 |
| 1884 | 43,921 | 17,256 | —26,665 | 79,801 | 71,052 | —8,749 |
| 1885 | 35,261 | 101,504 | +66,243 | 5,735 | 89,389 | +83,654 |

a Embracing Costa Rica, Guatemala, Honduras, Nicaragua, and Salvador, which see for data after *1885.*

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 113.—COSTA RICA. a

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (−) | Exports. | Imports. | Excess of imports (+) or exports (—) |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1886 | 14,209 | 115,296 | +101,089 | 7,600 | 12,747 | +5,147 |
| 1887 | 9,677 | 11,093 | +1,416 | 10,145 | 300 | —9,845 |
| 1888 | 16,361 | 10,505 | —5,856 | 8,377 | 1,053 | —7,324 |
| 1889 | 8,845 | 26,306 | +17,461 | ..... | 623 | +623 |
| 1890 | 5,500 | 9,529 | +4,029 | ..... | 11,057 | +11,057 |
| 1891 | 18,874 | 56,422 | +37,548 | ..... | 20,491 | +20,491 |
| 1892 | 13,055 | 7,686 | —5,369 | ..... | 368 | +368 |
| 1893 | 13,625 | 6,466 | —7,159 | ..... | ..... | ..... |

## No. 114.—GUATEMALA. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1886 | 22,560 | 13,996 | —8,564 | 14,470 | 4,742 | —9,728 |
| 1887 | 2,716 | 8,988 | +6,272 | 5,169 | 5,074 | —95 |
| 1888 | 25,795 | 5,985 | —19,860 | 78,488 | 1,424 | —77,064 |
| 1889 | 114,786 | 35 | —114,751 | 19,000 | ..... | —19,000 |
| 1890 | 4,060 | 173,560 | +169,560 | 340 | 67,635 | +67,295 |
| 1891 | 68,699 | 3,782 | —64,917 | 153,451 | 267,200 | +113,749 |
| 1892 | 10,180 | 6,558 | —3,622 | 49,425 | 151,287 | +101,862 |
| 1893 | 1,100 | 44,236 | +43,136 | 6,860 | 67,943 | +61,083 |

## No. 115.—HONDURAS. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1886 | ..... | ..... | ..... | ..... | 3,706 | +3,706 |
| 1887 | 5,500 | 6,220 | +720 | 17,515 | 5,417 | —12,098 |
| 1888 | 495 | 3,963 | +3,468 | 137,303 | 59,502 | —77,801 |
| 1889 | 9,455 | 7,756 | —1,699 | 146,298 | 54,414 | —91,884 |
| 1890 | ..... | 390 | +390 | 17,347 | 98,798 | +81,451 |
| 1891 | 6,500 | 144 | —6,356 | 35,465 | 127,823 | +92,358 |
| 1892 | ..... | 11,093 | +11,093 | 52,384 | 98,960 | +46,576 |
| 1893 | ..... | 113,359 | +113,359 | 17,843 | 400,038 | +382,195 |

## No. 116.—NICARAGUA. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1886 | 3,222 | 7,409 | +4,187 | 9,085 | 2,187 | —6,898 |
| 1887 | 6,000 | 21,296 | +15,296 | 4,545 | 2,727 | —1,818 |
| 1888 | 19,993 | 20,348 | +355 | 44,668 | 5,100 | —39,568 |
| 1889 | 2,250 | 34,566 | +32,316 | 133,239 | 121 | —133,118 |
| 1890 | 33,370 | 84,419 | +51,049 | 60,074 | 17,258 | —42,816 |
| 1891 | 9,250 | 92,939 | +83,689 | 28,285 | 24,683 | —3,602 |
| 1892 | 2,000 | 82,888 | +80,888 | 2,810 | 24,690 | +21,798 |
| 1893 | 550 | 163,996 | +163,446 | 15,964 | 3,791 | —12,173 |

## No. 117.—SALVADOR. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1886 | 500 | 2,506 | +2,006 | 23,838 | 3,770 | —20,068 |
| 1887 | 10,000 | 5,910 | —4,090 | ..... | 2,300 | +2,300 |
| 1888 | 200 | 14,212 | +14,012 | 29,919 | 2,975 | —27,944 |
| 1889 | 2,220 | 400 | —1,920 | 60,349 | 690 | —59,749 |
| 1890 | ..... | 550 | +550 | ..... | 7,339 | +7,339 |
| 1891 | 4,848 | 10,430 | +5,582 | 80,415 | 56,956 | —23,459 |
| 1892 | 1,139 | 1,572 | +443 | ..... | 3,757 | +3,757 |
| 1893 | 100,556 | 1,515 | —99,040 | 4,900 | 6,474 | +2,474 |

a For data prior to 1886, see Table No. 112.

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 118.—CHILE.

| Year ending June 30— | Gold. | | Excess of imports (+) or exports (—) | Silver. | | Excess of imports (+) or exports (—) |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | | Exports. | Imports. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1882 | ..... | ..... | ..... | ..... | 500 | +500 |
| 1883 | ..... | ..... | ..... | ..... | 8,155 | +8,155 |
| 1884 | 25,000 | ..... | —25,000 | ..... | 728 | +728 |
| 1889 | 260 | ..... | —260 | 9,935 | ..... | —9,935 |

## No. 119.—CHINA (not including Hongkong).

| | | | | | |
|---|---|---|---|---|---|
| 1879 | 9,935 | +9,935 | 2,010,280 | 124,700 | —1,885,580 |
| 1880 | ..... | ..... | 1,502,600 | 90,991 | —1,411,609 |
| 1881 | 900 | +900 | 32,400 | 40,279 | +7,879 |
| 1882 | 25,985 | +25,985 | 533,800 | 10,020 | —523,780 |
| 1883 | 189,286 | +189,286 | 256,000 | 3,515 | —252,485 |
| 1884 | 150 | +150 | 52,702 | 5,110 | —47,592 |
| 1885 | ..... | ..... | ..... | 1,529 | +1,529 |
| 1886 | 1,300 | +1,300 | 230,000 | 1,100 | —228,900 |
| 1887 | 282,960 | +282,960 | 117,500 | 748,394 | +630,894 |
| 1888 | 402,487 | +402,487 | 1,349 | 63,139 | +61,790 |
| 1889 | ..... | ..... | 89,060 | 100,060 | +11,060 |
| 1890 | 16,170 | +16,170 | 670,252 | 22 | —670,230 |
| 1891 | 832 | +832 | 38,000 | 78 | —37,922 |
| 1892 | 84,700 | +84,700 | 108,979 | ..... | —108,979 |
| 1893 | 129,360 | +129,360 | 50,000 | 60 | —49,940 |

## No. 120.—COLOMBIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 194,483 | 339,050 | +144,567 | 48,957 | 517,117 | +468,160 |
| 1880 | 139,700 | 349,920 | +210,220 | 16,080 | 248,763 | +232,683 |
| 1881 | 183,119 | 375,317 | +192,198 | 48,122 | 147,823 | +99,701 |
| 1882 | 229,130 | 309,404 | +80,274 | 61,410 | 120,409 | +58,999 |
| 1883 | 454,405 | 247,951 | —206,454 | 20,979 | 126,607 | +105,628 |
| 1884 | 738,875 | 207,115 | —531,760 | 125,756 | 142,338 | +16,582 |
| 1885 | 819,700 | 355,072 | —464,628 | 5,372 | 611,884 | +606,512 |
| 1886 | 824,879 | 377,904 | —446,975 | 137,398 | 554,738 | +417,340 |
| 1887 | 946,677 | 300,154 | —646,523 | 96,617 | 520,196 | +423,579 |
| 1888 | 699,398 | 336,196 | —363,202 | 91,687 | 797,901 | +706,214 |
| 1889 | 381,203 | 572,688 | +191,485 | 12,075 | 1,070,107 | +1,058,032 |
| 1890 | 80,300 | 950,531 | +870,231 | 22,652 | 827,795 | +805,143 |
| 1891 | 121,947 | 826,827 | +704,880 | 45,057 | 1,916,836 | +1,871,779 |
| 1892 | 31,800 | 514,869 | +483,069 | 14,402 | 850,493 | +836,091 |
| 1893 | 33,250 | 440,812 | +407,562 | 2,014 | 751,994 | +749,980 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 121.—DANISH WEST INDIES.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exp'ts (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 1,000 | 51,252 | +50,252 | 6,200 | 348,339 | +342,139 |
| 1880 | ..... | 138,259 | +138,259 | 21,658 | 110,364 | +88,706 |
| 1881 | ..... | 64,400 | +64,400 | ..... | 93,802 | +93,802 |
| 1882 | ..... | 9,200 | +9,200 | ..... | 18,925 | +18,925 |
| 1883 | 1,285 | 17,646 | +16,361 | ..... | 11,855 | +11,855 |
| 1884 | 15,795 | 21,179 | +5,384 | 1,200 | 60,584 | +59,384 |
| 1885 | 800 | 70,439 | +69,639 | ..... | 22,698 | +22,698 |
| 1886 | ..... | 49,972 | +49,972 | ..... | 20,735 | +20,735 |
| 1887 | ..... | 28,401 | +28,401 | ..... | 53,208 | +53,208 |
| 1888 | 10,000 | 10,076 | +76 | 33,288 | 18,943 | —19,295 |
| 1889 | 14,771 | 26,622 | +11,851 | ..... | 5,255 | +5,255 |
| 1890 | 15,075 | 24,192 | +9,117 | ..... | 11,265 | +11,265 |
| 1891 | ..... | 96,756 | +96,756 | ..... | 46,805 | +46,805 |
| 1892 | 25,000 | 77,970 | +52,970 | 25,649 | 9,242 | —16,407 |
| 1893 | 15,000 | 61,950 | +46,950 | ..... | 42,286 | +42,286 |

## No. 122.—ECUADOR. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1888 | 20,000 | 300 | —19,700 | ..... | 200 | +200 |
| 1889 | 2,730 | ..... | —2,730 | ..... | ..... | ..... |
| 1891 | 10,000 | 2,900 | —7,100 | ..... | 250 | +250 |
| 1892 | ..... | 17,185 | +17,185 | ..... | 1,038 | +1,038 |
| 1893 | ..... | 3,466 | +3,466 | ..... | 614 | +614 |

a For years prior to 1888 included in "All other South America (No. 107)."

## No. 123.—FRANCE.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 128,424 | 1,230,447 | +1,102,023 | 126,666 | 259,097 | +132,431 |
| 1880 | 2,649 | 33,383,297 | +33,380,648 | 89,431 | 24,274 | —65,157 |
| 1881 | 450 | 18,219,558 | +18,219,108 | 75,850 | 1,267 | —74,583 |
| 1882 | 2,500,050 | 1,495,006 | —1,095,044 | 810,400 | 21,064 | —789,336 |
| 1883 | ..... | 104,220 | +104,220 | 1,381,214 | 212 | —1,381,002 |
| 1884 | 5,015,767 | 3,969,915 | —1,045,852 | 796,788 | 1,635 | —795,153 |
| 1885 | 6,300 | 3,113,347 | +3,107,047 | 330,115 | 919 | —329,196 |
| 1886 | 11,578,912 | 4,427,555 | —7,151,357 | 585,157 | 146,477 | —438,680 |
| 1887 | 37,135 | 12,433,314 | +12,396,179 | 980,713 | 70,139 | —910,574 |
| 1888 | 44,166 | 9,570,658 | +9,526,492 | 601,809 | 227,568 | —374,243 |
| 1889 | 23,026,482 | 1,558,341 | —21,468,141 | 371,850 | 1,906 | —369,944 |
| 1890 | 5,431,373 | 2,353,764 | —3,077,609 | 134,535 | 1,351 | —133,184 |
| 1891 | 14,659,915 | 472,850 | —14,186,165 | 399,684 | ..... | —399,684 |
| 1892 | 13,061,100 | 15,845,817 | +2,784,717 | 1,412,634 | 360,433 | —1,052,191 |
| 1893 | 32,240,402 | 5,399,599 | —26,840,803 | 462,898 | 1,351 | —461,547 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 124.—FRENCH WEST INDIES.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 14,500 | | —14,500 | | | |
| 1880 | | 1,402 | +1,402 | | 1,350 | +1,350 |
| 1881 | | 2,041 | +2,041 | | | |
| 1882 | | | | 135,000 | | —135,000 |
| 1883 | | 1,900 | +1,900 | | | |
| 1884 | 8,925 | | —8,925 | | | |
| 1885 | 5,694 | | —5,694 | | | |
| 1886 | 21,435 | | —21,435 | 2 | | —2 |
| 1888 | 22,828 | | —22,828 | 1,646 | | —1,646 |
| 1890 | 18,600 | | —18,600 | | | |
| 1893 | 4,870 | 4,800 | —70 | | | |

## No. 125.—FRENCH AFRICA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | | 612 | +612 | | 350 | +350 |
| 1882 | | | | | 1,428 | +1,428 |
| 1887 | | 629 | +629 | | 2,441 | +2,441 |

## No. 126.—FRENCH OCEANICA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | | 205 | +205 | | 26,485 | +26,485 |
| 1880 | | 3,983 | +3,983 | | 63,040 | +63,040 |
| 1881 | | 3,469 | +3,469 | | 60,554 | +60,554 |
| 1882 | | 1,312 | +1,312 | | 66,186 | +66,186 |
| 1883 | | 3,550 | +3,550 | 1,300 | 81,851 | +80,551 |
| 1884 | | 3,258 | +3,258 | 4,980 | 52,760 | +47,780 |
| 1885 | | 2,000 | +2,000 | 5,295 | 34,132 | +28,837 |
| 1886 | | 4,197 | +4,197 | | 53,375 | +53,375 |
| 1887 | | 5,132 | +5,132 | | 36,191 | +36,191 |
| 1888 | | 5,809 | +5,809 | | 25,509 | +25,509 |
| 1889 | | 10,719 | +10,719 | | 38,403 | +38,403 |
| 1890 | | 2,584 | +2,584 | | 25,238 | +25,238 |
| 1891 | | 8,389 | +8,389 | | 32,850 | +32,850 |
| 1892 | | 12,201 | +12,201 | | 4,447 | +4,447 |
| 1893 | | 3,015 | +3,015 | | 281 | +281 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 127.—GERMANY.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 6,600 | ..... | —6,600 | 348,432 | 45,399 | —303,033 |
| 1880 | 15,850 | 3,128,185 | +3,112,335 | 383,830 | 15,465 | —368,365 |
| 1881 | 4,157 | 31,406,112 | +31,401,955 | 472,029 | 96,231 | —375,798 |
| 1882 | 82,560 | 4,596,964 | +4,514,404 | 649,628 | 296,697 | —352,931 |
| 1883 | 32,600 | 2,299,665 | +1,973,065 | 335,455 | 271,052 | —64,403 |
| 1884 | 1,115,674 | 3,079,605 | +1,963,931 | 1,914,566 | 39,194 | —1,875,366 |
| 1885 | 57,039 | 7,938,164 | +7,881,125 | 282,609 | 9,538 | —273,071 |
| 1886 | 3,883,799 | 5,921,677 | +2,038,878 | 99,333 | 34,386 | —64,947 |
| 1887 | 2,000,180 | 12,744,269 | +10,744,089 | 83,339 | 177,855 | +94,466 |
| 1888 | 6,637,241 | 18,265,659 | +11,628,418 | 151,276 | 135,078 | —16,198 |
| 1889 | 8,709,652 | 1,259,139 | —7,450,513 | 575 | 19,015 | +18,440 |
| 1890 | 2,297,808 | 1,756,884 | —540,924 | 32,712 | 750,633 | +717,921 |
| 1891 | 16,530,377 | 2,758,812 | —13,771,565 | 910 | 845,901 | +844,990 |
| 1892 | 19,308,050 | 3,920,742 | —15,387,308 | 107,666 | 91,413 | —16,253 |
| 1893 | 37,913,100 | 478,811 | —37,434,289 | 4,500 | 9,688 | +5,188 |

## No. 128.—HAITI.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 27,567 | 1,050 | —26,517 | 25,000 | 786,298 | +761,298 |
| 1880 | 36,321 | 2,017 | —34,304 | 886,435 | 787,071 | —99,364 |
| 1881 | 20,400 | 33,705 | +13,305 | 80,881 | 434,278 | +353,397 |
| 1882 | 47,000 | 37,063 | —9,937 | 2,000 | 931,231 | +929,231 |
| 1883 | 1,449 | 42,046 | +40,597 | 51,025 | 216,908 | +165,883 |
| 1884 | 19,075 | 7,504 | —11,571 | 119,463 | 152,524 | +33,061 |
| 1885 | 11,573 | 1,308 | —10,265 | 4,714 | 225,202 | +220,488 |
| 1886 | 8,212 | 26,557 | +18,345 | 48,486 | 266,420 | +217,934 |
| 1887 | 301,628 | 105,074 | —196,554 | 102,533 | 104,654 | +2,121 |
| 1888 | 994,995 | 7,727 | —987,258 | 146,079 | 66,436 | —79,643 |
| 1889 | 875,598 | 36,393 | —839,205 | 4,590 | 38,321 | +33,731 |
| 1890 | 1,085,901 | 18,376 | —1,067,525 | 15,636 | 3,067 | —12,549 |
| 1891 | 1,368,175 | 16,670 | —1,351,505 | 9,874 | 10,510 | +636 |
| 1892 | 256,063 | 17,188 | —238,875 | 36,971 | 3,185 | —33,686 |
| 1893 | 1,055,351 | 5,033 | —1,050,318 | 52,715 | ..... | —52,715 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 129.—HAWAIIAN ISLANDS.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 25,000 | ..... | —25,000 | 109,680 | 6,626 | —103,054 |
| 1880 | 39,500 | 3,750 | —35,750 | 420,150 | 5,161 | —414,989 |
| 1881 | 140,405 | 4,000 | —136,405 | 75,800 | 41,400 | — 34,400 |
| 1882 | 76,799 | ..... | —76,799 | 25,700 | 1,100 | —24,600 |
| 1883 | 19,750 | 4,118 | —15,632 | 16,998 | 2,218 | —13,880 |
| 1884 | 88,980 | 14,614 | —74,366 | 1,002,250 | 13,722 | —988,528 |
| 1885 | 672,800 | 114,963 | —557,838 | 25,000 | 501,097 | +476,097 |
| 1886 | 695,460 | 47,293 | —648,167 | 2,503 | 8,734 | +6,201 |
| 1887 | 920,400 | 113,567 | —806,833 | ..... | 5,050 | +5,050 |
| 1888 | 310,450 | 5,727 | —304,723 | ..... | 2,361 | +2,361 |
| 1889 | 235,300 | 36,247 | —199,053 | ..... | 5,239 | +5,239 |
| 1890 | 1,132,205 | 2,624 | —1,129,581 | 1,650 | ..... | —1,650 |
| 1891 | 925,120 | 1,050 | —924,070 | 2,150 | 13,470 | +11,320 |
| 1892 | 600,000 | 45,281 | —554,719 | 1,000 | 900 | —100 |
| 1893 | 815,310 | 4,130 | —811,180 | 1,200 | ..... | —1,200 |

## No. 130.—ITALY.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1881 | ..... | 170 | +170 | ..... | ..... | ..... |
| 1883 | 2,980,026 | ..... | —2,980,026 | 4,400 | ..... | —4,400 |
| 1885 | ..... | ..... | ..... | ..... | 500 | +500 |
| 1886 | ..... | ..... | ..... | ..... | 12 | +12 |
| 1888 | ..... | 386 | +386 | ..... | 39 | +39 |
| 1893 | ..... | ..... | ..... | ..... | 496 | +496 |

## No. 131.—JAPAN.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | 405 | +405 | ..... | 48,917 | +48,917 |
| 1880 | ..... | 312,410 | +312,410 | 270,500 | 129,531 | —140,969 |
| 1881 | ..... | 896,042 | +896,042 | 2,468,535 | 7,966 | —2,460,569 |
| 1882 | ..... | 645,659 | +645,659 | 454,678 | 67,311 | —387,367 |
| 1883 | ..... | 1,057,565 | +1,057,565 | 536,916 | 3,985 | —532,931 |
| 1884 | ..... | 647,607 | +647,607 | 1,046,200 | 7,450 | —1,038,756 |
| 1885 | 1,763 | 527,741 | +525,978 | 1,486,063 | 13,627 | —1,472,456 |
| 1886 | ..... | 83,170 | +83,170 | 2,613,077 | 11,184 | —2,601,893 |
| 1887 | ..... | 285,503 | +285,503 | 2,984,225 | 18,834 | —2,965,391 |
| 1888 | ..... | 41,667 | +41,667 | 1,488,500 | 1,900 | —1,486,600 |
| 1889 | ..... | 46,100 | +46,100 | 2,536,500 | ..... | —2,536,500 |
| 1890 | ..... | 17,163 | +17,163 | 2,821,100 | ..... | —2,821,100 |
| 1891 | 33,000 | 10,300 | —32,700 | 992,000 | 8,014 | —983,986 |
| 1892 | ..... | 326,628 | +326,628 | 2,304,369 | ..... | —2,304,369 |
| 1893 | ..... | 89,274 | +89,274 | 4,150,980 | 2,407 | —4,148,573 |

## No. 132.—LIBERIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1882 | ..... | 229 | +229 | ..... | ..... | ..... |
| 1883 | ..... | 265 | +265 | ..... | ..... | ..... |
| 1884 | ..... | 1,000 | +1,000 | ..... | 788 | +788 |
| 1887 | ..... | ..... | ..... | ..... | 1,166 | +1,166 |
| 1892 | ..... | ..... | ..... | 125 | ..... | —125 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 133.—MEXICO.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (−). | Exports. | Imports. | Excess of imports (+) or exports (−). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 5,040 | 305,125 | +300,085 | 4,000 | 8,249,473 | +8,245,473 |
| 1880 | ..... | 420,323 | +420,323 | 3,371 | 8,695,501 | +8,692,130 |
| 1881 | ..... | 718,839 | +718,839 | 1,500 | 8,417,485 | +8,415,985 |
| 1882 | 7,684 | 930,461 | +922,777 | 10,762 | 5,701,477 | +5,690,715 |
| 1883 | 1,316 | 411,632 | +410,316 | 95,648 | 9,371,354 | +9,275,706 |
| 1884 | 3,500 | 115,775 | +112,275 | 332,135 | 12,900,126 | +12,567,991 |
| 1885 | 2,378 | 721,249 | +718,871 | 77,028 | 14,198,362 | +14,121,334 |
| 1886 | ..... | 887,409 | +887,409 | 110,035 | 16,047,987 | +15,937,952 |
| 1887 | ..... | 735,695 | +735,695 | 279,812 | 14,120,070 | +13,840,258 |
| 1888 | 4,500 | 971,704 | +967,204 | 314,908 | 13,060,933 | +12,746,025 |
| 1889 | 33,850 | 1,090,132 | +1,056,282 | 142,766 | 16,467,116 | +16,324,350 |
| 1890 | 12,880 | 1,264,816 | +1,251,936 | 228,082 | 16,890,993 | +16,662,961 |
| 1891 | 89,164 | 1,257,350 | +1,198,186 | 168,570 | 13,040,081 | +12,871,511 |
| 1892 | 13,632 | 2,040,240 | +2,026,608 | 154,962 | 17,133,794 | +16,978,842 |
| 1893 | 125,260 | 2,338,729 | +2,213,469 | 348,682 | 20,612,875 | +20,264,193 |

## No. 134.—NETHERLANDS.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1881 | ..... | 96,500 | +96,500 | ..... | 804 | +804 |
| 1882 | ..... | 2,070,848 | +2,070,848 | ..... | ..... | ..... |
| 1883 | ..... | 60,300 | +60,300 | ..... | ..... | ..... |
| 1884 | ..... | 100,500 | +100,500 | ..... | ..... | ..... |
| 1886 | 120,000 | ..... | −120,000 | ..... | ..... | ..... |
| 1887 | ..... | 219,700 | +219,700 | ..... | ..... | ..... |
| 1888 | ..... | 345,928 | +345,928 | ..... | ..... | ..... |
| 1889 | ..... | 1,000 | +1,000 | ..... | ..... | ..... |
| 1890 | ..... | 7,000 | +7,000 | ..... | 1,524 | +1,524 |
| 1891 | ..... | 3,620 | +3,620 | ..... | ..... | ..... |
| 1892 | ..... | 34,572 | +34,572 | 67,251 | ..... | −67,251 |
| 1893 | 1,000,000 | ..... | −1,000,000 | ..... | ..... | ..... |

## No. 135.—DUTCH WEST INDIES.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | 18,471 | +18,471 | 21,987 | 28,005 | +6,018 |
| 1880 | 12,000 | 6,455 | −5,545 | 2,900 | 23,150 | +20,250 |
| 1881 | ..... | 88,783 | +88,783 | ..... | 27,404 | +27,404 |
| 1882 | 26,008 | 76,244 | +50,236 | 15,810 | 30,155 | +14,345 |
| 1883 | 27,350 | 22,692 | −4,658 | 4,900 | 20,726 | +15,826 |
| 1884 | 30,795 | 64,316 | +33,521 | ..... | 122,673 | +122,673 |
| 1885 | 1,286 | 150,799 | +149,513 | ..... | 129,947 | +129,947 |
| 1886 | 5,000 | 158,363 | +153,363 | 40,348 | 95,926 | +55,578 |
| 1887 | 17,320 | 51,919 | +34,599 | 23,036 | 90,691 | +67,655 |
| 1888 | 19,166 | 65,511 | +46,345 | ..... | 94,772 | +24,772 |
| 1889 | 27,591 | 6,904 | −20,687 | 747 | 50,541 | +49,794 |
| 1890 | 18,522 | 29,842 | +11,320 | 3,029 | 44,844 | +41,815 |
| 1891 | ..... | 54,230 | +54,230 | 131 | 114,887 | +114,756 |
| 1892 | 215,000 | 100,747 | −114,253 | 1,850 | 16,966 | +15,116 |
| 1893 | 8,000 | 88,254 | +80,254 | 300 | 6,389 | +6,089 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 136.—DUTCH GUIANA.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | | 2,098 | +2,098 | | | |
| 1880 | | 7,969 | +7,969 | | | |
| 1881 | | 10,616 | +10,616 | | | |
| 1882 | | 18,436 | +18,436 | | | |
| 1883 | | 34,767 | +34,767 | | | |
| 1884 | | 31,344 | +31,344 | | | |
| 1885 | | 69,571 | +69,571 | | | |
| 1886 | | 8,596 | +8,596 | | | |
| 1887 | | 6,457 | +6,457 | | | |
| 1888 | | 13,594 | +13,594 | | | |
| 1889 | | 17,748 | +17,748 | | | |
| 1890 | | 19,604 | +19,604 | | | |
| 1891 | | 3,030 | +3,030 | | 650 | +650 |
| 1892 | | 62,916 | +62,916 | | | |
| 1893 | 6,000 | 74,612 | +68,612 | | | |

## No. 137.—PERU.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | | | | | 512,698 | +512,698 |
| 1880 | | 5,000 | +5,000 | 275 | 91,827 | +91,552 |
| 1881 | 12,166 | 20,257 | +8,091 | | 1,098 | +1,098 |
| 1882 | 50,000 | | —50,000 | | 4,800 | +4,800 |
| 1884 | 14,340 | 240 | —14,100 | | 2,800 | +2,800 |
| 1885 | | 13,000 | +13,000 | | 17,344 | +17,344 |
| 1886 | 11,300 | 9,506 | —1,794 | | 137 | +137 |
| 1887 | 100,000 | | —100,000 | 2,598 | | —2,598 |
| 1888 | 22,900 | | —22,900 | 2,800 | | —2,800 |
| 1889 | 20,000 | | —20,000 | | | |
| 1890 | 14,895 | | —14,895 | | 1,617 | +1,617 |
| 1891 | 20,000 | | —20,000 | 2,320 | | —2,320 |
| 1893 | | | | 637 | | —637 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 138.—PORTUGUESE POSSESSIONS.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | ..... | 1,880 | +1,880 | ..... | 8 | +8 |
| 1880 | 247 | 9,064 | +8,817 | 8,447 | 14,442 | +10,995 |
| 1881 | 2,367 | 15,165 | +12,798 | 2,016 | 7,888 | +5,866 |
| 1882 | ..... | 7,159 | +7,159 | 8,094 | 10,595 | +2,501 |
| 1883 | ..... | 16,796 | +16,796 | 949 | 10,788 | +9,889 |
| 1884 | ..... | 192,014 | +192,014 | ..... | 4,766 | +4,766 |
| 1885 | ..... | 33,396 | +33,396 | ..... | 5,644 | +5,644 |
| 1886 | 40 | 34,201 | +34,161 | 1,980 | 10,108 | +8,128 |
| 1887 | ..... | 35,721 | +35,721 | ..... | 7,212 | +7,212 |
| 1888 | ..... | 46,333 | +46,333 | ..... | 10,029 | +10,029 |
| 1889 | ..... | 33,764 | +33,764 | ..... | 4,918 | +4,918 |
| 1890 | ..... | 35,911 | +35,911 | ..... | 2,241 | +2,241 |
| 1891 | ..... | 43,201 | +43,201 | ..... | 4,829 | +4,829 |
| 1892 | ..... | 43,729 | +43,729 | ..... | 7,862 | +7,862 |
| 1893 | ..... | 50,654 | +50,654 | ..... | 7,865 | +7,865 |

## No. 139.—SANTO DOMINGO.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 1,000 | 100 | —900 | 45,100 | 222,676 | +177,576 |
| 1880 | 6,000 | 1,383 | —4,612 | 147,666 | 215,783 | +68,117 |
| 1881 | 2,400 | 24,965 | +22,585 | 12,300 | 106,570 | +94,270 |
| 1882 | 20,090 | 27,546 | +27,445 | 25,370 | 43,752 | +18,382 |
| 1883 | 2,500 | 29,316 | +26,816 | 53,835 | 41,295 | —12,540 |
| 1884 | 11,895 | 1,778 | —9,917 | 96,744 | 44,829 | — 51,915 |
| 1885 | 5,773 | 4,860 | —913 | 193,915 | 61,524 | —131,491 |
| 1886 | 470 | 4,372 | +3,902 | 124,828 | 19,379 | —105,449 |
| 1887 | 24,946 | 3,528 | —21,418 | 214,238 | 23,517 | —190,721 |
| 1888 | 18,333 | 14,274 | —4,059 | 199,397 | 4,615 | —186,282 |
| 1889 | 3,215 | 77,972 | +74,757 | 758,055 | 30,172 | —727,883 |
| 1890 | ..... | 17,239 | +17,239 | 91,691 | 26,266 | —65,425 |
| 1891 | 15,164 | 349,216 | +334,052 | 62,430 | 75,494 | +13,064 |
| 1892 | ..... | 19,905 | +19,905 | 541,958 | 11,487 | —530,471 |
| 1893 | ..... | 2,668 | +2,668 | 477,961 | 387 | —477,574 |

## No. 140.—SPAIN

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | ..... | ..... | 2,000 | ..... | —2,000 |
| 1880 | ..... | 6,844 | +6,844 | ..... | 806 | +806 |
| 1882 | ..... | ..... | ..... | 1,350 | ..... | —1,350 |
| 1884 | 1,500 | 100 | —1,400 | ..... | 220 | +220 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 to 1893, INCLUSIVE—Continued.

## No. 141.—CUBA.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 173,259 | 350,289 | +177,039 | 281,588 | 202,496 | —79,092 |
| 1880 | 1,688,355 | 3,466,276 | +1,777,921 | 142,171 | 260,481 | +118,310 |
| 1881 | 632,590 | 1,539,151 | +906,561 | 155,884 | 104,452 | —51,432 |
| 1882 | 492,824 | 2,937,028 | +2,444,204 | 166,617 | 36,244 | —130,373 |
| 1883 | 2,478,369 | 3,419,770 | +941,401 | 65,626 | 334,551 | +268,925 |
| 1884 | 5,351,087 | 4,548,113 | —802,974 | 12,635 | 547,387 | +534,752 |
| 1885 | 5,422,075 | 4,480,331 | —942,644 | 48,023 | 322,206 | +274,243 |
| 1886 | 9,491,846 | 196,538 | —9,295,308 | 53,339 | 133,591 | + 80,252 |
| 1887 | 2,155,200 | 3,600,973 | +1,445,773 | 5,975 | 464,841 | +458,866 |
| 1888 | 4,784,092 | 4,685,296 | —98,794 | 14,404 | 200,608 | +186,204 |
| 1889 | 3,831,005 | 896,907 | —2,934,098 | 3,350 | 222,543 | +219,193 |
| 1890 | 3,167,127 | 907,255 | —2,259,872 | ..... | 283,220 | +283,220 |
| 1891 | 1,657,396 | 2,915,259 | +1,257,863 | 225,462 | 154,391 | —71,071 |
| 1892 | 6,946,048 | 1,803,410 | —5,142,638 | 2,700 | 494,707 | +492,007 |
| 1893 | 6,402,264 | 1,024,450 | —5,378,814 | 19,598 | 199,003 | +179,405 |

## No. 142.—PUERTO RICO.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | 29,637 | +29,637 | 72,352 | 294,650 | +222,298 |
| 1880 | ..... | 78,680 | +78,680 | 104,737 | 191,973 | +87,236 |
| 1881 | 2,000 | 228,843 | +226,843 | 47,656 | 104,349 | +56,693 |
| 1882 | 13,562 | 98,789 | +85,227 | 180,889 | 52,186 | —128,694 |
| 1883 | 1,285 | 73,288 | +72,003 | 74,449 | 17,712 | —56,737 |
| 1884 | 910 | 33,953 | +33,043 | 21,211 | 155,840 | +134,629 |
| 1885 | ..... | 33,313 | +33,313 | 72,030 | 73,173 | +1,153 |
| 1886 | ..... | 29,658 | +29,658 | ..... | 33,276 | +33,276 |
| 1887 | ..... | 38,188 | +38,188 | ..... | 11,249 | +11,249 |
| 1888 | 55,001 | 12,319 | —42,682 | 5,089 | 16,629 | +11,540 |
| 1889 | 54,954 | 2,119 | —52,835 | ..... | 1,350 | +1,350 |
| 1890 | ..... | 5,750 | +5,750 | 10,990 | 4,434 | —6,556 |
| 1891 | 989 | 19,450 | +18,461 | ..... | 276,958 | +276,958 |
| 1892 | ..... | 11,431 | +11,431 | ..... | 53 | +53 |
| 1893 | ..... | 6,625 | +6,625 | ..... | 11,743 | +11,743 |

## No. 143.—ALL SPANISH POSSESSIONS OTHER THAN CUBA AND PUERTO RICO.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | ..... | ..... | ..... | 1,300 | +1,300 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 144.—UNITED KINGDOM.

| Year ending June 30— | Gold. | | Excess of imports (+) or exports (—). | Silver. | | Excess of imports (+) or exports (—). |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | | Exports. | Imports. | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 2,110,020 | 939,190 | —1,170,830 | 12,075,187 | 2,493,764 | —9,581,423 |
| 1880 | 140,641 | 36,044,138 | +35,903,497 | 4,605,366 | 911,496 | —3,693,870 |
| 1881 | 90,698 | 43,131,741 | +43,041,043 | 10,084,697 | 213,150 | —9,871,547 |
| 1882 | 26,104,003 | 13,188,800 | —12,915,203 | 10,025,676 | 142,010 | —9,883,666 |
| 1883 | 3,044,962 | 2,007,709 | —1,037,253 | 10,922,455 | 924 | —10,921,531 |
| 1884 | 26,182,462 | 3,123,295 | —23,059,167 | 11,702,236 | 1,068 | —11,701,168 |
| 1885 | 290,422 | 6,623,089 | +6,334,667 | 14,674,382 | 25,987 | —14,648,395 |
| 1886 | 13,783,146 | 770,875 | —13,012,271 | 11,410,578 | 80,135 | —11,330,443 |
| 1887 | 221,386 | 8,709,537 | +8,488,151 | 8,117,913 | 84,518 | —8,033,395 |
| 1888 | 3,431,244 | 3,948,680 | +517,436 | 11,986,019 | 269,626 | —11,716,993 |
| 1889 | 19,970,906 | 371,114 | —19,599,792 | 16,742,272 | 119,128 | —16,623,144 |
| 1890 | 1,706,221 | 325,332 | —1,381,589 | 20,622,832 | 1,471,062 | —19,151,250 |
| 1891 | 48,210,578 | 2,593,893 | —45,616,682 | 15,066,710 | 906,304 | —14,668,406 |
| 1892 | 6,508,080 | 12,796,356 | +6,293,276 | 19,566,962 | 267,627 | —19,296,765 |
| 1893 | 21,415,797 | 490,575 | —20,925,222 | 25,223,522 | 631 | —25,222,891 |

## No. 145.—GIBRALTAR.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | 320 | +320 | ..... | 687 | +687 |
| 1880 | ..... | 107 | +107 | ..... | 189 | +189 |
| 1881 | ..... | 390 | +390 | ..... | ..... | ..... |
| 1883 | ..... | 500 | +500 | ..... | ..... | ..... |
| 1884 | ..... | 400 | +400 | ..... | 390 | +390 |
| 1885 | ..... | ..... | ..... | ..... | 600 | +600 |
| 1892 | ..... | 700 | +700 | ..... | 250 | +250 |

## No. 146.—DOMINION OF CANADA AND OTHER BRITISH NORTH AMERICAN POSSESSIONS.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 1,212,281 | 1,794,949 | +1,582,618 | 12,381 | 8,541 | —3,840 |
| 1880 | 957,550 | 2,763,354 | +1,805,804 | 24,422 | 6,180 | —18,242 |
| 1881 | 801,452 | 2,470,961 | +1,679,509 | 33,105 | 43,841 | +10,736 |
| 1882 | 1,932,079 | 2,870,378 | +838,308 | 21,356 | 59,490 | +38,134 |
| 1883 | 1,640,000 | 4,268,191 | +2,628,191 | 3,130 | 12,035 | +9,905 |
| 1884 | 700,000 | 2,696,198 | +1,996,198 | 607 | 390 | —217 |
| 1885 | 575,000 | 1,125,660 | +550,660 | 3,600 | 20 | —3,580 |
| 1886 | 1,130,000 | 794,829 | —335,171 | 6,850 | 9,943 | +3,093 |
| 1887 | ..... | 1,624,107 | +1,624,107 | ..... | 52,301 | +52,301 |
| 1888 | ..... | 841,293 | +842,293 | ..... | 38,902 | +38,902 |
| 1889 | ..... | 669,602 | +669,602 | ..... | 43,034 | +43,034 |
| 1890 | ..... | 585,414 | +585,414 | 3,015 | 15,143 | +12,128 |
| 1891 | 1,200 | 401,660 | +400,460 | 146,262 | 6,062 | —140,200 |
| 1892 | 1,273,618 | 1,908,929 | +635,311 | 273,798 | 102,965 | —170,833 |
| 1893 | 5,470,493 | 4,653,852 | —816,641 | 196,508 | 560,601 | +364,093 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 147.—BRITISH WEST INDIES AND BERMUDA.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 50,196 | 186,572 | +136,374 | 26,571 | 60,483 | +33,912 |
| 1880 | 43,665 | 317,217 | +274,552 | 44,958 | 129,608 | +84,650 |
| 1881 | 24,739 | 315,942 | +291,203 | 8,998 | 137,295 | +128,297 |
| 1882 | 129,479 | 225,634 | +96,155 | 17,225 | 178,763 | +161,538 |
| 1883 | 43,774 | 218,460 | +174,686 | 2,430 | 43,627 | +41,197 |
| 1884 | 43,951 | 221,659 | +178,608 | 15,000 | 171,588 | +156,588 |
| 1885 | 43,647 | 491,188 | +447,506 | 1,455 | 127,221 | +125,766 |
| 1886 | 200 | 659,569 | +659,369 | 1,200 | 223,174 | +221,974 |
| 1887 | 4,100 | 377,221 | +373,121 | 3,353 | 325,681 | +322,328 |
| 1888 | 18,426 | 230,625 | +212,197 | 2,800 | 74,410 | +64,610 |
| 1889 | 11,474 | 129,808 | +118,329 | 995 | 73,944 | +73,009 |
| 1890 | 55,290 | 246,997 | +191,707 | 1,481 | 63,169 | +61,688 |
| 1891 | 50,100 | 310,698 | +260,598 | 26,509 | 170,352 | +143,843 |
| 1892 | 18,925 | 438,808 | +419,938 | ..... | 72,801 | +72,801 |
| 1893 | 28,290 | 362,642 | +337,358 | 6,139 | 36,449 | +30,310 |

## No. 148.—BRITISH HONDURAS.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | 14,228 | +14,228 | ..... | 26,673 | +26,673 |
| 1880 | ..... | 8,178 | +8,178 | 9,285 | 43,773 | +34,448 |
| 1881 | ..... | 4,518 | +4,518 | 1,000 | 16,863 | +15,863 |
| 1882 | 25,000 | 15,985 | —9,015 | 8,000 | 137,673 | +129,673 |
| 1883 | ..... | 7,900 | +7,900 | ..... | 36,063 | +36,063 |
| 1884 | ..... | ..... | ..... | 1,000 | 19,487 | +18,487 |
| 1885 | ..... | 32,113 | +32,113 | ..... | 47,330 | +47,330 |
| 1886 | ..... | 56,603 | +56,603 | 3,633 | 51,759 | +48,121 |
| 1887 | 500 | 45,708 | +45,208 | 68,981 | 145,318 | +76,337 |
| 1888 | ..... | 45,150 | +45,150 | 1,150 | 263,818 | +262,668 |
| 1889 | ..... | 18,625 | +18,625 | 1,195 | 300,273 | +298,078 |
| 1890 | ..... | 7,374 | +7,374 | 2,304 | 375,633 | +373,329 |
| 1891 | ..... | 32,288 | +32,288 | 2,200 | 294,043 | +291,843 |
| 1892 | ..... | 3,525 | +3,525 | 27,791 | 204,642 | +176,851 |
| 1893 | 260 | 6,129 | +5,869 | ..... | 451,757 | +451,757 |

## No. 149.—BRITISH GUIANA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 2,900 | ..... | —2,900 | ..... | ..... | ..... |
| 1883 | 100 | ..... | —100 | ..... | ..... | ..... |
| 1890 | 220 | ..... | —220 | ..... | ..... | ..... |
| 1893 | ..... | 15,000 | +15,000 | ..... | ..... | ..... |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 150.—BRITISH INDIA AND EAST INDIES.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1884 | ..... | 156 | +156 | ..... | ..... | ..... |
| 1885 | ..... | ..... | ..... | 318,000 | ..... | —318,000 |
| 1886 | ..... | ..... | ..... | 4,211,040 | ..... | —4,211,040 |
| 1887 | ..... | ..... | ..... | 1,895,331 | 103,000 | —1,792,331 |
| 1888 | ..... | ..... | ..... | 5,070,852 | 303 | —5,070,549 |
| 1889 | ..... | 451 | +451 | 1,962,584 | 1,527 | —1,941,057 |
| 1890 | 765 | ..... | —765 | 374,500 | ..... | —374,500 |
| 1891 | 10,250 | ..... | —10,250 | 578,900 | ..... | —578,850 |
| 1892 | ..... | ..... | ..... | 214,900 | ..... | —214,900 |
| 1893 | ..... | ..... | ..... | 1,175,000 | ..... | —1,175,000 |

## No. 151.—HONGKONG.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 295,722 | ..... | —295,722 | 5,125,360 | ..... | —5,125,360 |
| 1880 | 390,785 | ..... | —390,785 | 4,629,438 | ..... | —4,629,438 |
| 1881 | 331,084 | ..... | —331,084 | 3,115,118 | ..... | —3,115,118 |
| 1882 | 503,491 | ..... | —503,491 | 3,412,919 | ..... | —3,412,919 |
| 1883 | 536,121 | ..... | —536,121 | 6,348,359 | ..... | —6,348,359 |
| 1884 | 593,550 | ..... | —593,550 | 8,695,307 | ..... | —8,695,307 |
| 1885 | 443,331 | ..... | —443,331 | 14,129,902 | ..... | —14,129,902 |
| 1886 | 261,236 | ..... | —261,236 | 9,756,455 | ..... | —9,756,455 |
| 1887 | 348,844 | ..... | —438,844 | 11,227,627 | ..... | —11,227,627 |
| 1888 | 419,264 | ..... | —419,264 | 7,596,554 | ..... | —7,596,554 |
| 1889 | 433,612 | ..... | —433,612 | 13,611,848 | ..... | —13,611,848 |
| 1890 | 375,812 | ..... | —375,812 | 9,390,889 | ..... | —9,390,889 |
| 1891 | 572,802 | ..... | —572,802 | 4,036,274 | ..... | —4,036,274 |
| 1892 | 187,291 | ..... | —187,291 | 7,168,631 | ..... | —7,168,631 |
| 1893 | 177,453 | ..... | —177,453 | 8,436,601 | ..... | —8,436,601 |

## No. 152.—BRITISH AUSTRALASIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | ..... | ..... | ..... | ..... | 6,777 | +6,777 |
| 1880 | ..... | ..... | ..... | ..... | 508 | +508 |
| 1881 | ..... | 115,579 | +115,579 | 1,710 | ..... | —1,710 |
| 1882 | ..... | 4,331,208 | +4,331,208 | ..... | 148 | +148 |
| 1883 | ..... | 3,090,033 | +3,090,033 | 8,200 | 48,052 | +39,852 |
| 1884 | 6,200 | 3,666,344 | +3,660,144 | ..... | ..... | ..... |
| 1885 | ..... | 488,039 | +488,039 | ..... | ..... | ..... |
| 1886 | ..... | 5,502,075 | +5,502,075 | 12,430 | ..... | —12,430 |
| 1887 | ..... | 1,021,769 | +1,021,769 | ..... | ..... | ..... |
| 1888 | ..... | 3,800,224 | +3,800,224 | 6,889 | ..... | —6,889 |
| 1889 | ..... | 3,136,504 | +3,136,504 | ..... | 16,875 | +16,875 |
| 1890 | ..... | 3,979,936 | +3,979,936 | ..... | 24,441 | +24,441 |
| 1891 | ..... | 5,853,667 | +5,853,667 | 3,775 | 15,207 | +11,432 |
| 1892 | ..... | 8,874,245 | +8,874,245 | ..... | 38,779 | +38,779 |
| 1893 | ..... | 4,860,006 | +4,860,006 | ..... | 15,068 | +15,068 |

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1879 TO 1893, INCLUSIVE—Continued.

## No. 153.—BRITISH AFRICA.

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | ..... | 26,782 | +26,782 | ..... | 30,219 | +30,219 |
| 1880 | ..... | 10,180 | +10,180 | ..... | 59,308 | +59,308 |
| 1881 | ..... | 15,978 | +15,978 | ..... | 67,293 | +67,293 |
| 1882 | ..... | 11,236 | +11,236 | ..... | 64,873 | +64,873 |
| 1883 | ..... | 13,601 | +13,601 | ..... | 36,017 | +36,017 |
| 1884 | ..... | 23,360 | +23,360 | ..... | 29,604 | +29,604 |
| 1885 | ..... | 46,287 | +46,287 | ..... | 2,613 | +2,613 |
| 1886 | ..... | 32,525 | +32,525 | ..... | 21,477 | +21,477 |
| 1887 | ..... | 12,976 | +12,976 | ..... | 5,489 | +5,489 |
| 1888 | ..... | 17,666 | +17,666 | ..... | 12,485 | +12,485 |
| 1889 | ..... | 630 | +630 | ..... | 192 | +192 |
| 1890 | ..... | 3,650 | +3,650 | ..... | 3,650 | +3,650 |
| 1891 | ..... | 4,557 | +4,557 | ..... | 1,120 | +1,120 |
| 1893 | ..... | 3,000 | +3,000 | ..... | ..... | ..... |

## No. 154.—URUGUAY.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1886 | ..... | 50,000 | +50,000 | ..... | ..... | ..... |

## No. 155.—VENEZUELA.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1879 | 73,606 | 362,732 | +289,124 | 5,100 | 31,951 | +26,851 |
| 1880 | 110,000 | 232,588 | +122,588 | ..... | 20,682 | +20,682 |
| 1881 | 312,500 | 141,918 | —170,582 | 10,000 | 150,549 | +140,549 |
| 1882 | 173,000 | 412,230 | +239,230 | 7,200 | 29,828 | +22,628 |
| 1883 | 314,320 | 27,374 | —286,946 | 4,160 | 25,827 | +21,667 |
| 1884 | 518,305 | 41,910 | —476,395 | 7,298 | 39,180 | +31,887 |
| 1885 | 71,400 | 122,102 | +51,702 | ..... | 24,488 | +24,488 |
| 1886 | 928,765 | 432,604 | —496,161 | 5,280 | 48,901 | +43,621 |
| 1887 | 2,588,978 | 121,283 | —2,467,695 | 44,518 | 62,448 | +17,930 |
| 1888 | 801,384 | 151,617 | —649,767 | 3,000 | 18,908 | +15,908 |
| 1889 | 2,631,896 | 78,747 | —2,553,149 | 77,339 | 3,700 | —73,639 |
| 1890 | 1,693,416 | 58,184 | —1,545,232 | ..... | 1,053 | +1,053 |
| 1891 | 1,989,782 | 9,670 | —1,980,112 | 4,919 | 156 | —4,763 |
| 1892 | 1,727,492 | 498,548 | —1,228,944 | ..... | 2,163 | +2,163 |
| 1893 | 1,852,914 | 232,005 | —1,620,909 | ..... | 1,907 | +1,907 |

## No. 156.—ALL OTHER SOUTH AMERICA.a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1881 | 1,200 | 24,700 | +23,500 | ..... | 1,260 | +1,260 |
| 1882 | 59,316 | ..... | —59,316 | ..... | 3,291 | +3,291 |
| 1883 | 9,725 | ..... | —9,725 | ..... | 500 | +500 |
| 1885 | 750 | ..... | —750 | ..... | ..... | ..... |
| 1886 | 15,000 | ..... | —15,000 | ..... | ..... | ..... |

a Includes Bolivia and Paraguay.

VALUE OF GOLD AND SILVER COIN AND BULLION IMPORTED INTO, AND EXPORTED FROM, THE UNITED STATES, BY COUNTRIES, FROM 1878 TO 1893, INCLUSIVE—Continued.

## No. 157.—ALL OTHER COUNTRIES. a

| Year ending June 30— | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Exports. | Imports. | Excess of imports (+) or exports (—). | Exports. | Imports. | Excess of imports (+) or exports (—). |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1879 | 255 | ..... | —255 | ..... | ..... | ..... |
| 1880 | ..... | ..... | ..... | 750 | ..... | —750 |
| 1881 | ..... | 4,854 | +4,854 | 4,500 | 1,850 | —2,650 |
| 1883 | 500 | ..... | —500 | 17,900 | ..... | —17,900 |
| 1884 | ..... | 350 | +350 | 18,308 | ..... | —18,308 |
| 1885 | ..... | 8,526 | +8,526 | 8,400 | 577 | —2,823 |
| 1886 | ..... | 1,500 | +1,500 | ..... | 4 | +4 |
| 1887 | ..... | 1,800 | +1,800 | 1,000 | ..... | —1,000 |
| 1888 | ..... | 2,336 | +2,336 | 100 | ..... | —100 |
| 1889 | ..... | 2,500 | +2,500 | ..... | 7,259 | +7,259 |
| 1890 | ..... | 4,300 | +4,300 | ..... | 1,000 | +1,000 |
| 1891 | ..... | ..... | ..... | ..... | 1,800 | +1,800 |
| 1892 | ..... | 150 | +150 | ..... | ..... | ..... |
| 1893 | ..... | 14,117 | +14,117 | ..... | 507 | +507 |

a Includes Greenland, Iceland, and the Faroe Islands; all other countries in Asia and Africa; all other British Possessions, Switzerland, Portugal, Sweden and Norway, Turkey in Asia, and Denmark.

## No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED INTO THE UNITED STATES DURING THE TEN YEARS FROM 1884 TO 1893, INCLUSIVE.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY.** | | | | | | | | | | |
| ANIMALS, not elsewhere specified: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Cattle | 2,309,950 | 1,176,717 | 681,631 | 422,236 | 206,095 | 152,582 | 72,831 | 49,326 | 27,077 | 21,024 |
| Horses | 2,212,591 | 1,920,887 | 2,320,768 | 2,496,679 | 2,720,704 | 2,709,887 | 2,937,888 | 2,009,155 | 1,807,587 | 1,047,541 |
| Sheep | 74,558 | 37,257 | 56,741 | 97,935 | 80,884 | 69,824 | 113,444 | 127,221 | 113,134 | 111,197 |
| All other, including fowls | 533,549 | 244,113 | 271,455 | 259,251 | 320,409 | 355,245 | 367,498 | 279,408 | 229,005 | 245,956 |
| Total | 5,130,648 | 3,378,974 | 3,330,595 | 3,123,201 | 3,328,092 | 3,287,538 | 3,496,655 | 2,465,110 | 1,675,803 | 1,425,720 |
| Articles, the growth, produce, and manufacture of the United States, returned | 6,133,960 | 6,038,784 | 5,699,565 | 5,258,932 | 5,461,319 | 5,857,519 | 4,287,952 | 4,466,979 | 4,347,920 | 4,649,055 |
| Art works, the production of American artists | 361,403 | 372,021 | 395,741 | 473,562 | 590,711 | 338,177 | 400,128 | 395,858 | 306,069 | 426,946 |
| Asphaltum or bitumen, crude | 145,971 | 97,602 | 87,626 | 190,997 | 113,854 | 89,211 | 190,555 | 253,419 | 287,509 | 240,986 |
| Bark, hemlock | 406,278 | 347,944 | 259,479 | 272,956 | 290,265 | 185,782 | 154,276 | 274,389 | 256,346 | 243,349 |
| Bolting cloths | 296,153 | 287,076 | 232,769 | 271,409 | 297,571 | 293,389 | 321,125 | 296,038 | 279,689 | 281,489 |
| Books, maps, engravings, etchings, and other printed matter, not elsewhere specified | 802,785 | 785,699 | 803,587 | 971,203 | 975,637 | 1,161,251 | 1,115,358 | 1,055,514 | 1,880,068 | 2,077,569 |
| CHEMICALS, DRUGS, AND DYES, not elsewhere specified: | | | | | | | | | | |
| Alizarine, natural or artificial, including extract of madder | 239,917 | 404,002 | 479,490 | 356,743 | 414,293 | 433,703 | 358,883 | 697,362 | 1,026,143 | 1,125,436 |
| Argal, or argol, or crude tartar | 3,265,315 | 2,950,561 | 2,605,105 | 3,412,987 | 2,230,512 | 2,499,871 | 2,796,888 | 2,197,507 | 2,216,525 | 2,341,525 |
| Barks: Cinchona, or other, from which quinine may be extracted | 717,614 | 914,908 | 925,442 | 761,653 | 944,718 | 867,903 | 283,775 | 301,070 | 301,385 | 197,886 |
| Cochineal | 150,858 | 206,802 | 197,277 | 139,146 | 46,444 | 74,235 | 43,435 | 19,779 | 58,883 | 82,572 |
| Dyewoods— | | | | | | | | | | |
| Logwood | 876,695 | 994,237 | 1,365,644 | 1,944,219 | 1,535,309 | 1,449,037 | 1,561,574 | 1,342,885 | 1,233,592 | 1,218,874 |
| All other | 320,824 | 270,945 | 359,791 | 284,741 | 136,204 | 216,415 | 223,893 | 167,550 | 148,009 | 178,822 |
| Total | 1,197,519 | 1,175,183 | 1,725,435 | 1,228,960 | 1,671,513 | 1,665,452 | 1,726,197 | 2,010,435 | 1,878,601 | 1,897,706 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Gums— | | | | | | | | | | |
| Arabic | 534,042 | 301,234 | 217,428 | 160,740 | 280,231 | 174,432 | 188,802 | 116,190 | 61,550 | 108,900 |
| Camphor, crude | 224,313 | 211,824 | 126,827 | 250,529 | 304,459 | 287,233 | 420,231 | 468,060 | 447,634 | 446,548 |
| Gambia, or terra japonica | 1,148,920 | 875,000 | 1,148,228 | 1,211,257 | 1,726,919 | 902,888 | 799,628 | 1,505,218 | 1,060,043 | 1,305,468 |
| Shellac | 546,375 | 505,724 | 594,416 | 564,251 | 524,722 | 729,464 | 902,745 | 1,076,740 | 1,079,614 | 975,012 |
| All other | 1,946,746 | 1,952,763 | 2,102,280 | 2,251,139 | 2,664,469 | 3,121,256 | 3,435,714 | 3,740,786 | 3,431,705 | 4,079,675 |
| Total | 4,400,166 | 3,846,555 | 4,190,174 | 4,537,916 | 5,491,560 | 5,276,467 | 5,697,280 | 6,906,914 | 6,089,546 | 6,915,003 |
| Indigo | 2,254,044 | 2,004,869 | 2,261,574 | 2,734,117 | 2,231,555 | 2,684,105 | 1,827,937 | 1,600,630 | 1,772,507 | 3,137,511 |
| Licorice root | 799,454 | 559,766 | 1,246,570 | 1,670,041 | 831,117 | 874,430 | 794,503 | 896,597 | 1,601,028 | 1,688,716 |
| Lime, chloride of, or bleaching powder | 1,661,114 | 1,488,930 | 1,392,966 | 1,573,197 | 1,567,790 | 1,669,473 | 1,335,060 | 1,429,509 | 1,839,640 | 2,213,121 |
| Mineral water, all not artificial | 259,021 | 298,872 | 258,043 | 279,149 | 275,559 | 331,114 | 431,579 | 362,800 | 436,241 | 547,049 |
| Opium, crude or unmanufactured | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *a* 881,662 | 1,029,203 | 1,186,894 |
| Potash— | | | | | | | | | | |
| Chlorate of | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *b* 238,840 | 258,765 | 458,541 |
| Muriate of | 781,362 | 619,947 | 721,889 | 874,697 | 928,089 | 1,087,244 | 928,529 | 1,178,879 | 1,694,122 | 1,180,944 |
| Nitrate of, or saltpeter, crude | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *c* 277,768 | 435,839 | 465,666 |
| All other | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *b* 322,387 | 504,959 | 682,237 |
| Total | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2,017,874 | 2,388,683 | 2,781,588 |
| Quinia, sulphate of, and all alkaloids or salts of cinchona bark | 1,774,935 | 1,512,803 | 957,636 | 1,143,650 | 921,385 | 949,325 | 902,660 | 833,280 | 572,078 | 579,199 |
| Soda, nitrate of | 1,963,376 | 1,696,054 | 1,681,825 | 2,614,161 | 2,449,639 | 2,275,021 | 2,709,131 | 2,923,374 | 2,976,816 | 3,062,715 |
| Sulphur, or brimstone, crude | 2,242,678 | 1,941,943 | 2,237,332 | 1,688,360 | 1,581,582 | 2,025,644 | 2,136,559 | 2,451,513 | 2,524,406 | 2,305,464 |
| Vanilla beans | 357,821 | 412,678 | 422,831 | 775,413 | 842,201 | 699,903 | 559,867 | 594,744 | 803,696 | 763,935 |
| All other | 3,513,659 | 3,206,484 | 3,357,965 | 3,355,714 | 4,085,365 | 3,754,337 | 4,238,718 | 5,444,714 | 4,512,950 | 6,269,764 |
| Total chemicals, drugs, etc | 25,468,813 | 23,297,357 | 24,720,926 | 27,025,259 | 25,677,677 | 25,625,435 | 26,814,390 | 31,639,714 | 31,528,231 | 36,566,034 |
| Chicory root, raw, unground | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *e* 36,512 | 93,179 | 134,070 |
| Cocoa, or cacao, crude, and leaves and shells of | 1,644,766 | 1,332,390 | 1,793,398 | 1,670,012 | 2,251,773 | 2,142,061 | 2,312,781 | 2,817,168 | 3,221,041 | 4,017,801 |

*a* From October 6, 1890; for the preceding period see "Opium" dutiable. *b* From October 6, 1890; for the preceding period included in "Chemicals, etc., all other," dutiable. *c* From October 6, 1890; for the preceding period see "Nitrate of potash," dutiable. *d* Included in "All other dutiable articles." *e* From October 6, 1890; for the preceding period included in "All other dutiable articles."

## No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY—Continued.** | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Coffee (see also "Dutiable") | 49, 696, 705 | 46, 723, 318 | 42, 672, 987 | 56, 347, 600 | 60, 507, 680 | 74, 724, 882 | 78, 267, 432 | 96, 123, 777 | 126, 801, 607 | 76, 668, 963 |
| Cork wood, or cork bark, unmanufactured | 969, 986 | 880, 954 | 891, 892 | 1, 239, 247 | 1, 078, 802 | 902, 047 | 1, 213, 876 | 1, 249, 008 | 1, 368, 244 | 1, 641, 294 |
| Cotton, unmanufactured | 1, 879, 850 | 954, 740 | 672, 508 | 533, 928 | 744, 800 | 1, 194, 505 | 1, 892, 728 | 2, 825, 004 | 3, 217, 521 | 4, 688, 799 |
| Diamonds and other precious stones, rough or uncut, including glaziers' and engravers' diamonds, not set, and jewels to be used in the manufacture of watches | 291, 068 | 283, 206 | 314, 234 | 271, 284 | 309, 613 | 257, 505 | 202, 853 | 804, 626 | 1, 096, 587 | 1, 066, 586 |
| Eggs | 2, 677, 360 | 2, 476, 672 | 2, 173, 454 | 1, 960, 398 | 2, 312, 478 | 2, 418, 976 | 2, 074, 912 | a 1, 053, 964 | ..... | ..... |
| Farinaceous substances, and preparations of (sago, tapioca, etc.), not elsewhere specified | 597, 133 | 596, 456 | 668, 210 | 721, 404 | 905, 991 | 941, 998 | 1, 108, 726 | 543, 760 | 257, 739 | 327, 878 |
| FERTILIZERS: | | | | | | | | | | |
| Guano | 585, 984 | 391, 789 | 341, 557 | 334, 083 | 154, 937 | 289, 745 | 111, 811 | 185, 771 | 61, 264 | 71, 700 |
| Phosphates, crude or native | 243, 843 | 288, 349 | 436, 243 | 254, 656 | 252, 031 | 338, 965 | 304, 590 | 296, 540 | 162, 512 | 112, 033 |
| All other | 935, 620 | 815, 052 | 1, 339, 916 | 1, 182, 187 | 661, 374 | 984, 953 | 797, 588 | 1, 043, 073 | 1, 207, 509 | 1, 048, 236 |
| Total | 1, 765, 447 | 1, 495, 190 | 2, 107, 716 | 1, 770, 881 | 1, 068, 342 | 1, 613, 662 | 1, 213, 989 | 1, 525, 384 | 1, 431, 285 | 1, 231, 969 |
| FISH, not elsewhere specified: | | | | | | | | | | |
| Fresh, of all kinds, except salmon | 578, 084 | 577, 414 | 626, 795 | 646, 296 | 743, 710 | 823, 342 | 791, 555 | b 218, 059 | ..... | ..... |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled | 962, 376 | 944, 738 | c..... | c..... | c..... | c..... | c..... | c..... | c..... | c..... |
| Herring— | | | | | | | | | | |
| Dried or smoked | 139, 340 | 130, 680 | c..... | c..... | c..... | c..... | ..... | c..... | c..... | c..... |
| Pickled | 492, 461 | 314, 183 | c..... | c..... | c..... | c..... | c..... | c..... | c..... | c..... |
| Lobsters, canned or preserved | 274, 022 | 429, 700 | 338, 982 | 337, 047 | 429, 668 | 517, 534 | 568, 150 | d..... | d..... | d..... |
| Mackerel, pickled | 873, 567 | 698, 822 | c..... | c..... | c..... | c..... | c..... | c..... | c..... | c..... |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Salmon— | | | | | | | | | | |
| Fresh | 119,650 | 152,822 | 144,789 | 106,553 | 119,552 | 104,887 | 88,648 | [b] 32,327 | ..... | ..... |
| Pickled | 100,562 | 75,989 | [c]..... | [c]..... | [c]..... | [c]..... | [c]..... | [c]..... | [c]..... | [c]..... |
| All other | 186,194 | 123,149 | 67,107 | 68,961 | 109,215 | 127,734 | 131,100 | [c]..... | [c]..... | [c]..... |
| Total | 3,726,256 | 3,452,497 | 1,076,673 | 1,158,859 | 1,402,145 | 1,573,497 | 1,579,453 | 250,386 | ..... | ..... |
| FRUITS, INCLUDING NUTS, not elsewhere specified: | | | | | | | | | | |
| Bananas | 1,878,279 | 2,156,873 | 2,356,843 | 2,682,143 | 3,153,654 | 3,571,624 | 4,653,779 | 5,854,752 | 5,000,632 | 5,361,187 |
| Cocoanuts | 747,280 | 714,513 | 685,991 | 819,271 | 824,762 | 782,706 | 822,810 | 918,233 | 917,564 | 852,509 |
| Currants | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [e] 1,246,074 | 1,209,119 | 1,185,537 |
| Dates | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [e] 613,845 | 551,629 | 493,910 |
| All other | 874,615 | 906,655 | 881,970 | 1,266,245 | 1,809,451 | 1,597,632 | 1,891,081 | 1,789,910 | 1,970,634 | 2,133,084 |
| Total | 3,500,174 | 3,778,040 | 3,924,804 | 4,767,659 | 5,787,867 | 5,951,362 | 6,867,670 | 10,422,814 | 9,649,578 | 10,026,227 |
| Furs and fur skins, undressed | 2,528,576 | 1,854,282 | 2,282,789 | 2,476,285 | 1,952,316 | 2,088,167 | 2,165,213 | 2,822,166 | 3,352,429 | 4,049,173 |
| Hair, not elsewhere specified | 1,888,912 | 1,558,014 | 2,214,501 | 2,405,110 | 2,130,892 | 2,431,518 | 2,866,231 | 2,265,714 | 1,685,562 | 2,005,796 |
| Hats, bonnets, and hoods, materials for, composed of straw, chip, grass, palm leaf, willow, osier, sparterre, or rattan, not elsewhere specified | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [f] 1,549,725 | 1,897,190 | 2,262,472 |
| HIDES AND SKINS, OTHER THAN FUR SKINS: (*see also* "Dutiable.") | | | | | | | | | | |
| Goat skins | 5,187,198 | 4,197,376 | 5,649,993 | 5,848,128 | 6,369,411 | 7,668,472 | 9,106,082 | 11,433,745 | 11,509,127 | 12,414,988 |
| All other | 17,193,708 | 16,389,067 | 21,049,320 | 18,370,973 | 17,569,928 | 17,459,278 | 12,775,804 | 16,497,014 | 15,149,006 | 14,605,787 |
| Total | 22,350,906 | 20,586,443 | 26,699,313 | 24,219,101 | 23,939,339 | 25,127,750 | 21,881,886 | 27,930,759 | 26,658,133 | 27,020,775 |
| Household and personal effects, and wearing apparel in use, and implements, instruments, and tools of trade of persons arriving from foreign countries, and of citizens of the United States dying abroad | 2,249,172 | 2,170,137 | 2,482,280 | 2,643,999 | 3,037,280 | 2,782,972 | 2,735,099 | 2,920,050 | 2,921,893 | 3,512,667 |
| India rubber and gutta-percha, crude | 13,736,004 | 9,095,256 | 11,888,192 | 13,756,783 | 16,067,262 | 12,887,131 | 14,854,512 | 18,020,804 | 19,833,090 | 17,964,667 |

[a] For the period ending October 5, 1890; for remaining period see "Eggs," dutiable. [b] For the period ending October 5, 1890; for the remaining period see "Fresh fish," dutiable. [c] See Fish, dutiable. [d] Included in "all other free articles." [e] From October 6, 1890; for the preceding period see "Fruits, all other," dutiable. [f] From October 6, 1890; for preceding period see "Hats," etc., dutiable.

## No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY—Continued.** | | | | | | | | | | |
| IRON AND STEEL, AND MANUFACTURES OF, not elsewhere specified: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Needles, hand-sewing and darning | | | | | | | | a 235, 132 | 337, 272 | 369, 465 |
| Shotgun barrels, forged, rough-bored | | | | | | | | b 68, 218 | 170, 664 | 117, 775 |
| IVORY: | | | | | | | | | | |
| Animal | 726, 650 | 496, 816 | 515, 464 | 485, 508 | 695, 763 | 591, 502 | 848, 105 | 866, 302 | 892, 129 | 1, 683, 539 |
| Vegetable | 241, 243 | 194, 046 | 159, 757 | 144, 663 | 156, 533 | 96, 574 | 61, 477 | 76, 837 | 114, 753 | 274, 394 |
| Matting for floors, manufactured from round and split straws, including Chinese matting | | | | | | | | c 1, 489, 093 | 1, 637, 473 | 1, 665, 106 |
| OILS, not elsewhere specified: | | | | | | | | | | |
| Fixed or expressed | 734, 189 | 1, 289, 860 | 1, 023, 284 | 850, 277 | 980, 991 | 713, 804 | 923, 223 | 1, 081, 265 | 1, 872, 017 | 2, 208, 199 |
| Volatile or essential | 939, 647 | 835, 629 | 850, 369 | 884, 945 | 1, 050, 317 | 1, 036, 524 | 904, 991 | 1, 288, 167 | 1, 457, 227 | 1, 888, 062 |
| Whale and fish | 243, 209 | 120, 168 | d | d | d | d | d | d | d | d |
| Total | 1, 917, 045 | 2, 245, 657 | 1, 873, 653 | 1, 735, 222 | 2, 031, 308 | 1, 749, 828 | 1, 828, 214 | 2, 369, 432 | 3, 329, 244 | 3, 596, 261 |
| ORES, not elsewhere specified: | | | | | | | | | | |
| Gold-bearing | 13, 667 | 6, 562 | 1, 287 | 13, 671 | 3, 286 | 87, 287 | 91, 679 | 214, 303 | 249, 304 | 894, 989 |
| Silver-bearing | 172, 054 | 460, 835 | 1, 263, 256 | 3, 795, 284 | 5, 115, 563 | 6, 951, 719 | 7, 743, 373 | 8, 953, 606 | 9, 686, 761 | 11, 190, 747 |
| PAPER STOCK, CRUDE: | | | | | | | | | | |
| Rags, other than woolen | 4, 027, 267 | 3, 096, 627 | 2, 356, 243 | 2, 111, 422 | 2, 032, 560 | 2, 852, 851 | 2, 530, 611 | 2, 059, 447 | 1, 796, 139 | 2, 734, 794 |
| All other | 1, 606, 380 | 2, 729, 246 | 2, 808, 708 | 2, 429, 176 | 3, 430, 476 | 3, 372, 196 | 2, 790, 537 | 2, 960, 086 | 3, 650, 124 | 3, 547, 564 |
| Total | 5, 633, 647 | 5, 827, 873 | 5, 164, 951 | 4, 540, 598 | 5, 463, 036 | 6, 225, 047 | 5, 321, 148 | 5, 019, 533 | 5, 446, 263 | 6, 272, 358 |
| Plaster of Paris, or sulphate of lime, unground | 168, 023 | 119, 543 | 116, 202 | 162, 492 | 148, 696 | 184, 472 | 180, 357 | e | e | e |
| Platinum, unmanufactured | 289, 998 | 285, 239 | 356, 041 | 438, 516 | 564, 761 | 505, 301 | 707, 343 | 925, 066 | 505, 205 | 639, 445 |
| Plumbago | 294, 383 | 207, 229 | 164, 111 | 231, 021 | 271, 441 | 248, 487 | 573, 561 | 509, 809 | 726, 648 | 866, 309 |
| Seeds, not elsewhere specified | 607, 315 | 701, 946 | 1, 532, 862 | 595, 737 | 720, 169 | 658, 792 | 559, 183 | 880, 304 | 1, 485, 044 | 2, 005, 548 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SILK, UNMANUFACTURED: | | | | | | | | | | |
| Cocoons | 456,196 | 195,760 | 319,282 | 467,317 | 334,701 | 92,998 | 98,522 | 92,145 | 97,573 | 111,037 |
| Eggs (silk worms') | 49,353 | 39,208 | 22,948 | 4,712 | 1,540 | 1,819 | 6,336 | *a* | *a* | *a* |
| Raw, or as reeled from the cocoon | 12,481,456 | 12,431,780 | 17,283,505 | 18,667,245 | 19,151,266 | 18,544,028 | 23,283,699 | 17,994,684 | 24,321,494 | 29,555,557 |
| Waste | 288,495 | 298,730 | 702,581 | 543,323 | 434,223 | 734,887 | 961,910 | 1,019,262 | 640,158 | 672,302 |
| Total | 13,275,482 | 12,925,437 | 18,277,216 | 19,642,797 | 19,931,682 | 19,333,229 | 24,331,467 | 19,076,081 | 25,059,325 | 29,336,966 |
| SPICES, UNGROUND: | | | | | | | | | | |
| Nutmegs | 688,066 | 461,203 | 456,279 | 590,291 | 693,556 | 514,883 | 534,240 | 696,019 | 750,813 | 613,743 |
| Pepper, black or white | 1,656,540 | 1,269,267 | 1,644,353 | 1,819,699 | 1,823,220 | 1,575,421 | 1,619,215 | 1,338,637 | 1,069,268 | 1,278,062 |
| All other | 1,982,941 | 838,926 | 673,996 | 968,732 | 914,772 | 890,899 | 830,439 | 864,495 | 920,006 | 1,110,197 |
| Total | 3,497,547 | 2,468,396 | 2,761,628 | 3,312,622 | 3,341,548 | 2,984,198 | 2,973,994 | 2,899,151 | 2,740,087 | 3,002,002 |
| SUGAR, not elsewhere specified, AND MOLASSES: | | | | | | | | | | |
| Molasses | *f* | *f* | *f* | *f* | *f* | *f* | *f* | *g* 1,954,967 | 2,577,744 | 1,992,334 |
| Sugar, not above No. 16 Dutch standard in color, and tank bottoms, melada, etc.— | | | | | | | | | | |
| Beet sugar | *f* | *f* | *f* | *f* | *f* | *f* | *f* | *g* 3,870,309 | 8,681,170 | 12,846,509 |
| Cane and other sugar | *f* | *f* | *f* | *f* | *f* | *f* | *f* | *g* 36,508,507 | 95,761,312 | 102,108,587 |
| Total | | | | | | | | 45,333,773 | 106,720,226 | 116,947,430 |
| Tea | 13,636,053 | 14,047,583 | 16,020,383 | 16,771,802 | 13,360,685 | 12,654,640 | 12,317,493 | 13,828,993 | 14,873,222 | 13,857,482 |
| TEXTILE GRASSES OR FIBROUS VEGETABLE SUBSTANCES, and manufactures of, not elsewhere pecified: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Istle or Tampico fiber | *h* | *h* | *h* | *h* | *h* | *h* | *h* | *i* 353,181 | 325,548 | 267,969 |
| Jute and jute butts | *j* | *j* | *j* | *j* | *j* | *j* | *j* | *k* 2,644,968 | 3,021,174 | 2,467,828 |
| Manila | *j* | *j* | *j* | *j* | *j* | *j* | *j* | *k* 6,218,254 | 6,672,279 | 5,376,370 |
| Sisal grass | *j* | *j* | *j* | *j* | *j* | *j* | *j* | *k* 4,454,573 | 5,187,620 | 6,005,484 |
| All other | 82,319 | 231,102 | 259,189 | 206,367 | 318,123 | 483,212 | 697,680 | 1,634,723 | 1,271,501 | 1,635,367 |
| Total | | | | | | | | 15,305,699 | 16,478,122 | 18,306,918 |

*a* From October 6, 1890; for the preceding period see "Needles," dutiable. *b* From October 6, 1890; for the preceding period see "Iron and steel, all other manufactures of," dutiable. *c* From October 6, 1890; for the preceding period included in "All other dutiable articles." *d* See dutiable oil. *e* Included in "All other free articles." *f* Included in "Sugar and molasses," dutiable. *g* From April 1, 1891; for preceding period see dutiable. *h* Included in "All other textile grasses," etc., free of duty. *i* From October 6, 1890; for the preceding period, included in "All other textile grasses," etc., free of duty. *j* Included in "Flax, hemp, jute," etc., dutiable. *k* From October 6, 1890; for preceding period, see "Flax, hemp, jute," etc., dutiable.

## No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY—Continued.** | | | | | | | | | | |
| TEXTILE GRASSES OR FIBROUS VEGETABLE SUBSTANCES, and manufactures of, not elsewhere specified—Continued. | | | | | | | | | | |
| Manufactures of— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Coir yarn | 62, 969 | 145, 353 | 129, 597 | 140, 462 | 141, 096 | 124, 256 | 92, 921 | 167, 452 | 161, 449 | 234, 254 |
| Tin in bars, blocks, pigs, or grain or granulated | 5, 430, 054 | 4, 283, 469 | 5, 873, 752 | 6, 927, 696 | 8, 758, 562 | 7, 014, 495 | 6, 898, 909 | 7, 977, 545 | 8, 667, 870 | 12, 358, 999 |
| Wood, unmanufactured, not elsewhere specified | 4, 343, 476 | 3, 526, 021 | 3, 518, 016 | 3, 548, 191 | 4, 139, 787 | 4, 439, 624 | 4, 242, 085 | 5, 276. 972 | 5, 569, 991 | 6, 642, 889 |
| ARTICLES ADMITTED FREE UNDER RECIPROCITY TREATY WITH HAWAIIAN ISLANDS: | | | | | | | | | | |
| Fruits and nuts | a..... | a..... | a..... | a..... | a..... | a..... | a..... | a..... | a..... | a..... |
| Rice | 558, 476 | 404, 478 | 361, 567 | 383, 985 | 551, 257 | 494, 166 | 498, 554 | 415, 630 | 367, 533 | 349, 560 |
| Molasses | 22, 963 | 9, 054 | 7, 786 | 14, 712 | 6, 417 | 6, 148 | 9, 314 | b6, 018 | *d*..... | *d*..... |
| Sugar, brown | 7, 108, 292 | 8, 198, 164 | 9, 166, 826 | 9, 255, 351 | 10, 260, 048 | 12, 078, 518 | 11, 549, 828 | c10, 326, 818 | *d*..... | *d*..... |
| All other | 485 | 240 | ..... | ..... | 762 | 9, 761 | 861 | 1, 496 | ..... | ..... |
| Total | 7, 690, 216 | 8, 611, 936 | 9, 536, 179 | 9, 654, 048 | 10, 818, 484 | 12, 588, 593 | 12, 058, 557 | 10, 749, 462 | 367, 533 | 349, 560 |
| All other free articles | 3, 891, 222 | 3, 764, 319 | 4, 067, 943 | 4, 317, 946 | 4, 829, 384 | 5, 479, 445 | 6, 723, 389 | 9, 401, 154 | 9, 161, 149 | 11, 004, 529 |
| TOTAL FREE OF DUTY | 209, 884, 184 | 193, 213, 624 | 212, 159, 296 | 34, 221, 131 | 244, 071, 615 | 256, 497, 078 | 265, 668, 629 | 366, 241, 352 | 457, 999, 658 | 444, 544, 211 |
| **DUTIABLE.** | | | | | | | | | | |
| ANIMALS, not elsewhere specified: | | | | | | | | | | |
| Cattle | 793, 831 | 1, 136, 896 | 600, 134 | 979, 696 | 669, 903 | 559, 887 | 171, 916 | 53, 652 | 20, 389 | 24, 658 |
| Horses | 1, 513, 943 | 1, 371, 410 | 1, 991, 868 | 2, 464, 303 | 2, 685, 159 | 2, 158, 975 | 1, 902, 603 | 1, 256, 999 | 1, 148, 281 | 1, 340, 726 |
| Sheep | 816, 832 | 860, 482 | 950, 044 | 1, 187, 847 | 1, 285, 426 | 1, 189, 176 | 1, 149, 765 | 1, 091, 985 | 1, 328, 396 | 1, 571, 780 |
| All other, including live poultry | 57, 242 | 36, 010 | 67, 385 | 46, 151 | 37, 795 | 37, 467 | 45, 993 | 78, 519 | 78, 747 | 279, 311 |
| Total | 3, 181, 848 | 3, 404, 798 | 3, 609, 431 | 4, 677, 997 | 4, 678, 293 | 3, 936, 505 | 3, 270, 277 | 2, 480, 255 | 2, 575, 813 | 3, 216, 475 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Art works, not elsewhere specified: Paintings, in oil or water colors, and statuary | 330, 801 | 1, 283, 697 | 946, 958 | 2, 333, 436 | 1, 679, 807 | 1, 308, 597 | 1, 796, 372 | 2, 014, 510 | 2, 030, 599 | 2, 366, 765 |
| Books, maps, engravings, etchings, photographs, and other printed matter not elsewhere specified | 2, 832, 344 | 2, 362, 444 | 2, 479, 883 | 2, 717, 768 | 2, 907, 779 | 2, 913, 942 | 2, 878, 717 | 2, 571, 889 | 2, 116, 417 | 2, 117, 430 |
| Brass, and manufactures of | 486, 737 | 424, 804 | 404, 678 | 415, 954 | 293, 093 | 183, 861 | 166, 668 | 284, 348 | 242, 564 | 249, 092 |
| BREADSTUFFS: | | | | | | | | | | |
| Barley | 5, 922, 144 | 6, 522, 992 | 7, 177, 887 | 6, 173, 208 | 8, 076, 082 | 7, 723, 838 | 5, 629, 849 | 3, 222, 593 | 1, 592, 040 | 921, 605 |
| Corn | 4, 839 | 4, 002 | 8, 785 | 16, 636 | 20, 507 | 1, 216 | 908 | 1, 651 | 10, 752 | 1, 265 |
| Oats | 22, 904 | 13, 707 | 30, 792 | 29, 579 | 23, 655 | 10, 178 | 8, 950 | 5, 056 | 8, 224 | 8, 897 |
| Oatmeal | 50, 79 8 | 51, 028 | 49, 347 | 37, 857 | 37, 516 | 56, 003 | 59, 300 | 31, 089 | 27, 942 | 25, 642 |
| Rye | 459, 015 | 181, 949 | 128, 189 | 16, 720 | 20 | 24 | 115, 657 | 98, 227 | 67, 507 | 7, 055 |
| Wheat | 23, 920 | 170, 290 | 231, 393 | 218, 867 | 466, 886 | 119, 017 | 112, 303 | 431, 940 | 1, 955, 385 | 707, 053 |
| Wheat flour | 3, 251 | 4, 750 | 6, 274 | 3, 302 | 13, 257 | 5, 792 | 5, 049 | 43, 189 | 4, 231 | 2, 223 |
| All other breadstuffs, and preparations of, used as food, not elsewhere specified | 212, 672 | 146, 284 | 202, 813 | 150, 059 | 117, 870 | 113, 657 | 102, 256 | 650, 713 | 965, 327 | 938, 957 |
| Total | 6, 704, 543 | 7, 094, 052 | 7, 935, 476 | 6, 640, 228 | 8, 755, 792 | 8, 029, 724 | 6, 034, 272 | 4, 484, 449 | 4, 631, 408 | 1, 612, 697 |
| Bristles | 1, 201, 735 | 926, 749 | 1, 087, 137 | 1, 174, 333 | 1. 215, 325 | 1, 284, 724 | 1, 286, 219 | 1, 357, 938 | 1, 455, 058 | 1, 508, 258 |
| Brushes | 591, 783 | 474, 645 | 554, 139 | 548, 516 | 639, 155 | 654, 651 | 767, 128 | 863, 573 | 797, 879 | 814, 062 |
| Buttons and button forms | 3, 480, 174 | 2, 838, 422 | 3, 838, 962 | 3, 767, 506 | 3, 710, 705 | 3, 252, 406 | 3, 207, 128 | 2, 096, 411 | 1, 817, 203 | 1, 410, 439 |
| Cement | 829, 096 | 908, 581 | 722, 579 | 1, 108, 619 | 1, 903, 650 | 1, 459, 338 | 2, 172, 953 | 4, 021, 998 | 3, 855, 572 | 3, 760, 444 |
| CHEMICALS, DRUGS, DYES, AND MEDICINES, not elsewhere specified: | | | | | | | | | | |
| Coal-tar colors and dyes | 1, 701, 311 | 1, 330, 444 | 1, 426, 187 | 1, 540, 067 | 1, 539, 678 | 1, 686, 456 | 1, 787, 553 | 1, 673, 864 | 1, 614, 226 | 2, 497, 943 |
| Glycerin | 679, 818 | 453, 930 | 586, 237 | 1, 094, 607 | 1, 064, 756 | 933, 354 | 928, 935 | 996, 686 | 831, 810 | 893, 636 |
| Logwood and other dyewoods, extracts and decoctions of | 260, 027 | 210, 164 | 289, 340 | 233, 204 | 162, 669 | 149, 789 | 218, 105 | 274, 409 | 326, 142 | 295, 507 |
| Opium— | | | | | | | | | | |
| Crude | 817, 760 | 870, 740 | 1, 032, 926 | 1, 332, 765 | 1, 234, 321 | 809, 893 | 1, 133, 712 | c 220, 743 | ..... | ..... |
| Prepared for smoking | 43, 993 | 447, 531 | 417, 031 | 583, 461 | 555, 339 | 644, 204 | 269, 586 | 567, 035 | 547, 528 | 446, 422 |
| Potash, nitrate of, or saltpeter, crude | 321, 738 | 344, 819 | 310, 695 | 288, 287 | 212, 049 | 209, 425 | 206, 499 | f 181, 316 | ..... | ..... |

*a* Included in "Fruits," etc., free of duty under general tariff. *b* Prior to April 1, 1891; since that date included in "Molasses," free of duty. *c* Prior to April 1, 1891; since that date included in "Sugar," etc., free of duty. *d* Included in free of duty under general tariff. *e* Prior to October 6, 1890; for the remaining period see "Opium, crude," free of duty. *f* Prior to October 6, 1890; for the remaining period see "Potash, nitrate of," etc., free of duty.

No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| CHEMICALS, DRUGS, DYES, AND MEDICINES, not elsewhere specified—Continued. | | | | | | | | | | |
| Soda— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Bicarbonate or supercarbonate of | 47,286 | 46,190 | 55,452 | 48,730 | 28,843 | 19,912 | 16,319 | 15,724 | 48,222 | ..... |
| Caustic | 1,761,762 | 1,532,281 | 1,571,766 | 1,622,873 | 1,565,930 | 1,300,851 | 1,470,335 | 1,874,700 | 1,598,903 | 1,344,525 |
| Sal soda and soda ash | 3,705,568 | 3,265,050 | 3,418,984 | 3,009,621 | 2,849,371 | 2,900,827 | 3,493,288 | 4,382,917 | 4,496,597 | 5,093,127 |
| All other salts of | 45,300 | 55,554 | 32,900 | 49,703 | 59,996 | 74,698 | 135,760 | 118,713 | 167,634 | 297,761 |
| Total | 5,559,916 | 4,899,075 | 5,079,102 | 4,730,927 | 4,504,130 | 4,296,288 | 5,115,702 | 6,392,054 | 6,311,356 | 6,735,413 |
| Sumac, ground | 586,025 | 443,161 | 488,134 | 388,624 | 264,728 | 206,643 | 302,375 | 245,536 | 216,668 | 289,999 |
| All other | 3,025,554 | 2,773,595 | 3,494,640 | 3,399,726 | 3,890,602 | 4,093,185 | 4,675,221 | 5,125,674 | 4,585,578 | 5,112,745 |
| Total chemicals, drugs, etc | 12,996,152 | 11,773,459 | 13,124,292 | 13,591,668 | 13,338,272 | 13,029,237 | 14,787,688 | 15,677,317 | 14,433,308 | 16,271,665 |
| Clays or earths of all kinds, including china clay, or kaolin | 222,394 | 193,192 | 225,323 | 288,571 | 319,202 | 322,960 | 332,081 | 437,226 | 523,367 | 635,368 |
| CLOCKS AND WATCHES, AND PARTS OF: | | | | | | | | | | |
| Clocks, and parts of | 420,298 | 392,948 | 317,065 | 378,167 | 388,253 | 420,822 | 439,406 | 300,492 | 195,890 | 254,391 |
| Watches, and parts of, and watch materials and movements | 2,062,804 | 1,144,102 | 1,037,330 | 1,503,240 | 1,662,096 | 1,662,118 | 1,674,878 | 1,964,414 | 1,734,648 | 1,743,591 |
| Total | 2,483,102 | 1,537,050 | 1,354,395 | 1,881,407 | 2,050,349 | 2,082,940 | 2,114,284 | 2,264,906 | 1,930,538 | 1,997,982 |
| Coal, bituminous | 2,558,164 | 2,598,679 | 2,551,954 | 2,715,442 | 2,846,741 | 3,929,245 | 3,087,760 | 3,588,278 | 4,373,079 | 3,614,202 |
| Coffee (under sec. 3, tariff act of Oct. 1, 1890) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,240,328 | 3,816,575 |
| COPPER, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore (fine copper contained therein) | 226,189 | 341,831 | 417,449 | 214,645 | 291,185 | 401,167 | 398,303 | 526,563 | 748,932 | 484,631 |
| Pigs, bars, ingots, old, and other unmanufactured | 38,743 | 37,210 | 57,651 | 6,420 | 13,369 | 6,680 | 17,339 | 82,644 | 299,048 | 344,179 |
| Manufactures of | 261,756 | 119,710 | 122,985 | 116,982 | 103,326 | 74,730 | 104,883 | 120,545 | 97,806 | 115,008 |
| Total, not including ore | 300,499 | 156,920 | 180,636 | 123,402 | 116,695 | 81,410 | 122,221 | 203,189 | 396,854 | 459,187 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Corsets | 843,159 | 903,847 | 972,430 | 1,063,296 | 1,001,806 | 869,957 | 968,129 | a 262,504 | ..... | ..... |
| COTTON, MANUFACTURES OF: | | | | | | | | | | |
| Cloth— | | | | | | | | | | |
| Not bleached, dyed, colored, stained, painted, or printed | 174,323 | 103,200 | 225,103 | 301,636 | 82,618 | 203,100 | 129,588 | 170,423 | 140,001 | 261,202 |
| Bleached, dyed, colored, stained, painted, or printed | 2,187,044 | 2,653,320 | 3,467,485 | 3,033,946 | 3,356,532 | 3,696,194 | 3,373,653 | 4,237,221 | 4,505,666 | 5,536,275 |
| Total | 2,361,367 | 2,756,520 | 3,692,588 | 3,335,582 | 3,439,145 | 3,899,294 | 3,503,241 | 4,407,644 | 4,645,667 | 5,797,477 |
| Clothing, ready-made, and other wearing apparel, not including knit goods | 793,402 | 408,810 | 384,770 | 436,356 | 392,307 | 383,612 | 336,655 | 1,201,278 | 1,261,848 | 1,682,049 |
| Knit goods: Stockings, hose, half hose, shirts, drawers, and all goods made, fashioned, or shaped on knitting machines or frames, or knit by hand | 6,994,341 | 6,307,239 | 6,858,072 | 6,910,104 | 6,373,780 | 6,389,325 | 7,149,030 | 6,738,775 | 5,833,652 | 6,392,175 |
| Laces, edgings, embroideries, insertings, neck ruffings, ruchings, trimmings, tuckings, lace window curtains, and other similar tamboured articles | 10,012,394 | 10,123,234 | 11,632,351 | 10,467,073 | 11,071,907 | 9,591,943 | 11,447,670 | 10,589,490 | 11,248,289 | 12,741,798 |
| Thread (not on spools), yarns, warp, or warp yarn | 1,339,777 | 652,202 | 669,096 | 919,994 | 957,705 | 860,703 | 904,135 | 857,645 | 664,952 | 762,653 |
| All other | 7,574,345 | 6,949,236 | 6,472,389 | 6,871,244 | 6,682,955 | 5,681,065 | 6,577,324 | 5,917,792 | 4,669,433 | 6,184,141 |
| Total manufactures | 29,074,626 | 27,197,241 | 29,709,266 | 28,940,353 | 28,917,799 | 26,805,942 | 29,918,055 | 29,712,624 | 28,823,841 | 33,560,293 |
| EARTHEN, STONE, AND CHINA WARE: | | | | | | | | | | |
| China, porcelain, parian, and bisque, earthen, stone, and crockery ware— | | | | | | | | | | |
| Not decorated or ornamented | 1,317,603 | 995,230 | 939,730 | 1,029,600 | 1,060,855 | 1,175,848 | 1,217,326 | 1,691,831 | 1,894,577 | 2,053,240 |
| Decorated or ornamented | 2,771,864 | 2,828,358 | 2,927,161 | 3,622,107 | 4,133,384 | 4,247,101 | 4,808,206 | 5,954,320 | 6,344,708 | 6,938,009 |
| All other | 865,346 | 1,014,194 | 1,080,730 | 1,065,220 | 1,216,632 | 1,053,350 | 1,004,769 | 735,237 | 469,313 | 538,182 |
| Total | 4,954,813 | 4,837,782 | 4,947,621 | 5,716,927 | 6,410,871 | 6,476,299 | 7,030,301 | 8,381,388 | 8,708,598 | 9,529,431 |
| Eggs | ..... | ..... | ..... | ..... | ..... | ..... | ..... | b 131,631 | 522,240 | 392,973 |

a Prior to October 6, 1890; for the remaining period in "All other manufactures" of cotton, flax, etc., silk, or wool, according to material of chief value. b From October 6, 1890; for the preceding period, see "Eggs," free of duty.

No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| FANCY ARTICLES: | | | | | | | | | | |
| Perfumeries, cosmetics, and all other toilet preparations | *Dollars.* 465,840 | *Dollars.* 355,629 | *Dollars.* 361,574 | *Dollars.* 385,362 | *Dollars.* 361,485 | *Dollars.* 343,964 | *Dollars.* 423,963 | *Dollars.* 444,964 | *Dollars.* 464,855 | *Dollars.* 540,358 |
| Beads (except amber) and bead ornaments | 507,424 | 403,017 | 1,177,307 | 1,858,257 | 2,007,859 | 1,259,942 | 916,712 | a | a | a |
| Dolls and other toys | 1,403,332 | 1,454,945 | 1,390,585 | 1,658,886 | 1,683,532 | 1,865,389 | 2,070,659 | 2,279,121 | 2,476,132 | 2,883,619 |
| Fans, except palm leaf | 341,101 | 385,202 | 442,671 | 490,302 | 504,312 | 462,727 | 477,183 | a | a | a |
| Feathers, ornamental, natural | 8,713,214 | 1,938,431 | 1,526,318 | 1,693,498 | 1,408,571 | 848,103 | 1,448,602 | 1,775,924 | 904,659 | 917,817 |
| Feathers and flowers, artificial | 844,988 | 415,711 | 498,656 | 407,558 | 483,940 | 979,861 | 1,190,690 | 1,343,569 | 1,833,354 | 1,619,101 |
| Pipes of all kinds and smokers' articles | 269,086 | 215,231 | 195,725 | 187,596 | 236,774 | 290,782 | 278,973 | 352,684 | 418,221 | 437,746 |
| All other | 537,442 | 415,812 | 390,542 | 490,809 | 590,744 | 610,764 | 819,596 | 1,129,211 | a | a |
| Total | 8,082,427 | 5,583,978 | 5,983,378 | 7,172,268 | 7,277,217 | 6,661,532 | 7,626,378 | 7,325,473 | 6,097,221 | 6,398,641 |
| FISH, not elsewhere specified: | | | | | | | | | | |
| Fresh— | | | | | | | | | | |
| Salmon | b | b | b | b | b | b | b | c48,307 | 105,450 | 116,124 |
| All other | b | b | b | b | b | b | b | c336,619 | 403,345 | 423,857 |
| Cured, or preserved— | | | | | | | | | | |
| Anchovies and sardines, packed in oil or otherwise | 1,040,663 | 579,707 | 823,700 | 801,181 | 993,559 | 793,969 | 728,108 | 1,089,975 | 1,201,149 | 1,366,966 |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled | b | b | 368,820 | 407,180 | 507,729 | 474,888 | 409,388 | 527,113 | 449,567 | 553,113 |
| Herring— | | | | | | | | | | |
| Dried or smoked | b | b | 98,021 | 89,453 | 118,711 | 172,661 | 140,144 | 101,493 | 66,456 | 56,485 |
| Pickled or salted | 365,582 | 549,739 | 617,369 | 747,485 | 840,978 | 803,888 | 881,818 | 922,099 | 1,178,514 | 1,164,942 |
| Mackerel, pickled or salted | b | b | 307,864 | 640,542 | 615,761 | 575,239 | 1,010,670 | 1,413,875 | 883,478 | 967,352 |
| Salmon, pickled or salted | b | b | 48,814 | 68,998 | 73,411 | 78,416 | 67,149 | 80,312 | 60,418 | 63,222 |
| All other | 446,384 | 223,692 | 271,266 | 317,019 | 312,779 | 336,799 | 473,105 | 274,449 | 237,078 | 230,111 |
| Total | 1,852,629 | 1,353,138 | 2,535,854 | 3,071,808 | 3,462,928 | 3,235,860 | 3,710,382 | 4,794,242 | 4,585,450 | 4,942,172 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **FLAX, HEMP, JUTE, AND OTHER VEGETABLE SUBSTANCES, AND MANUFACTURES OF:** | | | | | | | | | | |
| **Unmanufactured—** | | | | | | | | | | |
| Flax | 1,410,578 | 1,712,994 | 1,576,518 | 1,922,182 | 1,802,089 | 2,070,729 | 2,188,021 | 1,656,779 | 1,964,163 | 1,879,182 |
| Hemp and substitutes for | 4,227,876 | 4,938,342 | 3,817,376 | 4,041,522 | 6,934,537 | 9,433,774 | 7,341,956 | d1,781,396 | 681,809 | 685,485 |
| Jute | 2,255,434 | 3,082,447 | 2,267,028 | 2,616,128 | 3,377,369 | 2,853,664 | 3,249,926 | e1,217,890 | ..... | ..... |
| Sisal grass, and other vegetable substances | 2,800,419 | 2,628,715 | 2,299,450 | 3,733,001 | 5,430,894 | 6,110,308 | 7,064,184 | f1,374,941 | ..... | ..... |
| Total unmanufactured | 10,694,307 | 12,362,498 | 9,960,367 | 12,312,833 | 17,545,189 | 20,468,475 | 19,844,087 | 5,981,006 | 2,645,972 | 2,564,637 |
| **Manufactures of—** | | | | | | | | | | |
| Bags and bagging | 1,548,355 | 1,191,788 | 890,952 | 997,270 | 1,283,382 | 1,449,098 | 1,300,795 | 820,506 | 1,412,399 | 1,356,112 |
| Burlaps (except for bagging for cotton) | 4,057,084 | 3,794,641 | 3,076,989 | 3,826,580 | 4,089,826 | 5,883,768 | 6,433,771 | 5,565,670 | 7,064,335 | 6,154,205 |
| Cables, cordage, and twine | 84,686 | 73,712 | 116,379 | 83,550 | 60,351 | 57,831 | 86,259 | 85,925 | 99,551 | 63,809 |
| Yarns or threads | 1,110,180 | 1,251,603 | 1,563,360 | 1,424,752 | 1,442,506 | 1,435,331 | 1,521,043 | 1,025,884 | 641,865 | 776,054 |
| All other | 15,968,786 | 14,180,632 | 15,315,455 | 15,600,876 | 16,916,106 | 17,379,525 | 19,079,411 | 16,526,109 | 17,075,067 | 19,780,514 |
| Total manufactures | 22,769,091 | 20,492,376 | 20,963,135 | 21,933,028 | 23,742,171 | 25,705,553 | 28,421,279 | 24,024,094 | 26,293,217 | 28,130,694 |
| **FRUITS, INCLUDING NUTS, not elsewhere specified:** | | | | | | | | | | |
| Figs | 512,063 | 510,732 | 505,876 | 487,602 | 496,755 | 482,759 | 456,567 | 697,562 | 511,142 | 548,995 |
| Lemons | 2,686,747 | 2,510,426 | 2,608,819 | 3,835,147 | 3,395,983 | 3,189,534 | 3,374,032 | 4,351,970 | 4,548,263 | 4,994,328 |
| Oranges | 2,901,228 | 2,088,204 | 1,871,839 | 2,408,140 | 2,268,872 | 1,961,889 | 1,916,652 | 2,339,987 | 1,210,338 | 1,695,469 |
| Plums and prunes | 2,632,838 | 2,147,505 | 2,026,595 | 2,999,648 | 2,197,150 | 1,423,304 | 1,789,176 | 2,054,456 | 437,271 | 1,162,318 |
| Raisins | 3,290,150 | 2,661,699 | 2,885,123 | 2,281,981 | 2,070,120 | 1,736,786 | 1,997,103 | 2,018,879 | 964,309 | 1,266,342 |
| Preserved fruits | 585,048 | 770,895 | 833,557 | 748,493 | 941,302 | 1,042,846 | 954,331 | 1,289,137 | 1,234,828 | 864,166 |
| All other fruits | 2,469,054 | 1,176,136 | 1,450,342 | 1,799,462 | 1,968,758 | 1,764,393 | 1,777,286 | 762,335 | 538,306 | 1,239,582 |
| **Nuts—** | | | | | | | | | | |
| Almonds | 547,619 | 507,946 | 647,077 | 597,476 | 631,748 | 595,227 | 813,278 | 931,007 | 1,028,671 | 938,054 |
| All other | 687,185 | 553,991 | 563,727 | 682,878 | 743,668 | 598,317 | 800,376 | 1,114,959 | 821,200 | 951,941 |
| Total | 16,311,932 | 12,927,534 | 13,393,455 | 15,840,827 | 14,714,356 | 12,795,055 | 13,878,801 | 15,560,322 | 11,294,328 | 13,661,195 |

*c* Included in "All other fancy articles" for 1891, and in "All other dutiable articles" for 1892 and 1893. *b* See "Fish," free of duty. *e* From October 6, 1890; for the preceding period see "Fresh fish," free of duty. *d* For "Manila," after October 5, 1890, see "Free of duty." *e* Prior to October 6, 1890; for the remaining period, see "Jute," free of duty. *f* Prior to October 6, 1890; for the remaining period, see "Sisal grass," free of duty.

No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| DUTIABLE—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Furs, and manufactures of furs | 5, 649, 548 | 3, 403, 265 | 4, 531, 098 | 4, 809, 334 | 4, 783, 028 | 5, 328, 056 | 5, 388, 603 | 7, 006, 683 | 6, 844, 702 | 6, 518, 634 |
| GLASS AND GLASSWARE: | | | | | | | | | | |
| Bottles, vials, demijohns, carboys, and jars, empty or filled | 521, 787 | 590, 160 | 609, 435 | 739, 240 | 815, 564 | 825, 411 | 912, 704 | 926, 010 | 827, 761 | 739, 037 |
| Cylinder, crown, and common window glass, unpolished | 2, 431, 068 | 1, 630, 844 | 1, 360, 955 | 1, 420, 159 | 1, 307, 898 | 1, 444, 982 | 1, 461, 736 | 1, 475, 338 | 1, 674, 679 | 1, 496, 326 |
| Cylinder and crown glass, polished— | | | | | | | | | | |
| Unsilvered | 28, 695 | 18, 287 | 27, 807 | 85, 500 | 95, 147 | 91, 105 | 74, 546 | 91, 248 | 158, 464 | 91, 559 |
| Silvered | | 189 | | 1, 262 | 59, 208 | 756, 577 | 1, 529, 401 | 1, 912, 391 | 1, 549, 968 | 1, 679, 185 |
| Plate glass— | | | | | | | | | | |
| Fluted, rolled, or rough | 101, 777 | 118, 693 | 107, 057 | 90, 899 | 131, 224 | 130, 172 | 84, 715 | 78, 030 | 56, 162 | 70, 493 |
| Cast, polished, unsilvered | 959, 817 | 900, 461 | 907, 267 | 1, 191, 134 | 1, 258, 736 | 983, 316 | 931, 323 | 1, 351, 808 | 887, 626 | 829, 596 |
| Cast, polished, silvered | 1, 387. 728 | 1, 192, 147 | 1, 528, 379 | 1, 647, 154 | 1, 801. 514 | 1, 243, 455 | 249, 819 | 183, 015 | 119, 201 | 154, 404 |
| All other | 2, 121, 626 | 1, 805, 413 | 1, 797, 197 | 2, 144, 547 | 2, 295, 434 | 2, 238, 903 | 2, 108, 269 | 2, 346, 472 | 3, 485, 103 | 2, 961, 141 |
| Total | 7, 562, 498 | 6, 256, 194 | 6, 338, 097 | 7, 319, 895 | 7, 854, 725 | 7, 713, 921 | 7, 352, 513 | 8, 364, 312 | 8, 758, 964 | 8, 021, 741 |
| Hair, not elsewhere specified, and manufactures of | 437, 734 | 242, 079 | 254, 736 | 212, 046 | 172, 593 | 154, 423 | 160, 335 | 143, 019 | 114, 102 | 162, 215 |
| Hats, bonnets, and hoods, and materials for | 3, 776, 009 | 4, 570, 429 | 4, 808, 175 | 4, 819, 086 | 6, 336, 353 | 4, 197, 877 | 3, 398, 657 | a 672, 935 | ..... | ..... |
| Hay | 999, 144 | 1, 517, 840 | 1, 035, 533 | 790, 394 | 979, 524 | 1, 082, 885 | 1, 143, 445 | 445, 461 | 715, 151 | 964, 755 |
| HIDES AND SKINS, OTHER THAN FUR SKINS (under sec. 3 of tariff act of October 1, 1890. *See also* dutiable): | | | | | | | | | | |
| Goat skins | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48, 840 | 429, 257 |
| All others | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 143, 245 | 897, 864 |
| Hops | 304, 297 | 433, 706 | 444, 989 | 3, 404, 669 | 1, 017, 495 | 1, 155, 472 | 1, 053, 616 | 1, 797, 406 | 883, 701 | 1, 085, 407 |
| India rubber and gutta percha, manufactures of | 328, 137 | 231, 165 | 233, 532 | 266, 031 | 343, 208 | 336, 227 | 367, 647 | 354, 645 | 432, 856 | 419, 608 |
| IRON AND STEEL, AND MANUFACTURES OF: | | | | | | | | | | |
| Iron ore | 1, 317, 546 | 963, 396 | 1, 306, 033 | 2, 118, 357 | 1, 818, 034 | 1, 507, 658 | 2, 415, 714 | 2, 490, 159 | 2, 592, 461 | 1, 842, 797 |
| Pig iron | 4, 932, 598 | 2, 689, 263 | 4, 056, 521 | 6, 528, 795 | 5, 042, 886 | 2, 860, 462 | 3, 682, 687 | 2, 018, 967 | 1, 812, 675 | 1, 500, 067 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Scrap iron and steel, fit only to be remanufactured | 796,042 | 314,347 | 665,174 | 8,869,265 | 2,118,149 | 450,336 | 555,913 | 315,399 | 543,882 | 276,889 |
| Bar iron, rolled or hammered | 1,742,066 | 1,426,999 | 1,448,522 | 1.357 758 | 1,219,461 | 1,135,665 | 1,112,901 | 821,613 | 853,297 | 720,400 |
| Bars, railway, of iron or steel, or in part of steel | 252,446 | 104,494 | 274,878 | 1.488,175 | 3,224,587 | 581,590 | 5,767 | 3,479 | 10,014 | 22,454 |
| Hoops or ties for baling purposes, barrel hoops, and hoop or band iron or steel, flared, splayed, or punched | 527,159 | 555,361 | 485,645 | 348,575 | 528,331 | 897,762 | 613,170 | 413,524 | 31,840 | 96,902 |
| Hoop, band, or scroll iron or steel | 177,519 | 125,903 | 177,978 | 574,535 | 822,136 | 909,770 | 573,335 | 144,408 | 69,665 | 76,587 |
| Ingots, blooms, slabs, billets, and bars of steel, and steel in forms not elsewhere specified | 1.457,187 | 1,040,196 | 1,918,168 | 5,816,568 | 4,442,647 | 2,466,390 | 1,496,397 | 1,656,720 | 1,666,214 | 1,587,781 |
| Sheet, plate, and taggers' iron or steel | 684,668 | 584,552 | 579,816 | 546,562 | 531,484 | 447,016 | 511,487 | 739,297 | 840,521 | 1,960,041 |
| Tin plates, terne plates, and taggers tin | 18,182,637 | 16,665,739 | 17,654,565 | 16,910,890 | 18,979,344 | 21,222,653 | 20,928,150 | 35,746,920 | 12,315,562 | 17,505,640 |
| Wire rods of iron or steel | 3,348,322 | 3,848,756 | 3,999,516 | 4,076,865 | 3,648,480 | 2,500,394 | 2,390,813 | 2,124,143 | 1,761,776 | 1,705,791 |
| Wire and wire rope and strand, iron or steel | 462,781 | 377,848 | 500,262 | 519,994 | 600,988 | 638,554 | 793,454 | 747,309 | 552,624 | 629,088 |
| Manufactures of, not elsewhere specified— | | | | | | | | | | |
| Anvils | 136,674 | 79,711 | 98,571 | 129,483 | 182,743 | 164,292 | 160,412 | 134,128 | 110,000 | 109,678 |
| Chains | 109,214 | 68,685 | 67,409 | 84,360 | 97,506 | 84,600 | 97,570 | 86,587 | 62,049 | 64,688 |
| Cutlery | 1,917,900 | 1,438,587 | 1,680,210 | 1,882,544 | 2,210,736 | 2,362,537 | 2,532,437 | 1,458,779 | 1,207,020 | 1,420,516 |
| Files, file blanks, rasps, and floats | 40,810 | 48,498 | 48,853 | 68,311 | 64,956 | 65,223 | 71,850 | 144,488 | 81,554 | 76,356 |
| Firearms | 1,355,335 | 1,169,292 | 860,609 | 958,972 | 1,070,685 | 1,159,157 | 1,388,268 | 1,070,779 | 647,751 | 321,516 |
| Machinery | 1,231,843 | 961,651 | 1,246,496 | 1,924,374 | 2,079,381 | 2,445,379 | 2,831,264 | 2,721,530 | 2,891,371 | 3,369,016 |
| Needles | 371,936 | 334,499 | 334,832 | 316,223 | 316,295 | 283,600 | 267,831 | b78,901 | ..... | ..... |
| All other | 2,419,916 | 1,765,712 | 1,436,053 | 1,800,915 | 1,801,859 | 1,708,413 | 1,665,895 | 2,314,051 | 2,962,932 | 2,947,324 |
| Total, not including ore | 40,147,053 | 33,610,093 | 37,534,078 | 49,208,164 | 48,992,757 | 42,377,793 | 41,679,501 | 53,241,022 | 28,420,747 | 34,450.734 |
| JEWELRY, MANUFACTURES OF GOLD AND SILVER, AND PRECIOUS STONES: | | | | | | | | | | |
| Jewelry and manufactures of gold and silver | 910,827 | 1,115,435 | 1,061,101 | 846,700 | 1,160,754 | 1,228,393 | 1,361,164 | 1,363,892 | 618,518 | 696,462 |
| Precious stones, not elsewhere specified, and imitations of, not set | 8,854,015 | 5,704,252 | 7,934,265 | 10,557,557 | 10,520,907 | 10,771,633 | 12,180,482 | 12,466,976 | 12,354,420 | 15,168,746 |
| Lead, and manufactures of | 141,784 | 486,436 | 865,820 | 699,282 | 661,917 | 549,257 | 657,658 | 2,560,886 | 3,653,378 | 5,792,624 |

a Prior to October 6, 1890; for the remaining period see "Hats, etc.," free of duty. b Prior to October 6, 1890; for the remaining period see "Needles," free of duty.

## No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| LEATHER, AND MANUFACTURES OF: | | | | | | | | | | |
| Leather— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Band or belting, and sole leather | 76,377 | 34,659 | 107,003 | 54,247 | 33,519 | 31,113 | 17,613 | 21,896 | 24,101 | 34,862 |
| Calfskins, tanned, or tanned and dressed, and japanned | 2,505,670 | 1,934,110 | 1,787,971 | 1,502,517 | 1,363,081 | 1,172,080 | 1,195,271 | 890,729 | 1,199,954 | 1,548,356 |
| Skins for morocco | 1,637,305 | 1,632,839 | 2,557,360 | 2,401,530 | 3,450,571 | 3,416,935 | 3,644,695 | 3,474,735 | 3,497,879 | 4,137,435 |
| Upper leather, dressed, and skins dressed and finished, not elsewhere specified | 3,115,764 | 3,130,474 | 3,066,188 | 2,491,381 | 2,022,861 | 1,899,695 | 1,872,257 | 1,932,222 | 2,090,673 | 3,561,519 |
| Total leather | 7,335,116 | 6,732,082 | 7,518,522 | 6,449,675 | 6,870,032 | 6,019,823 | 6,229,836 | 6,319,582 | 6,812,607 | 8,282,172 |
| Manufactures of— | | | | | | | | | | |
| Gloves, of kid or other leather | 3,099,271 | 3,014,676 | 3,831,716 | 4,159,112 | 4,487,267 | 4,523,600 | 5,501,336 | 5,627,964 | 5,830,380 | 6,925,876 |
| All other | 877,677 | 670,127 | 500,470 | 591,158 | 664,460 | 752,899 | 704,908 | 735,757 | 657,334 | 779,947 |
| Total manufactures | 3,976,948 | 3,684,803 | 4,332,186 | 4,750,270 | 5,101,727 | 5,276,499 | 6,206,244 | 6,363,721 | 6,487,714 | 7,705,823 |
| Malt, barley | 112,331 | 267,928 | 237,843 | 153,363 | 164,585 | 111,381 | 161,666 | 78,433 | 6,148 | 4,411 |
| MALT LIQUORS: | | | | | | | | | | |
| In bottles or jugs | 808,886 | 726,522 | 817,282 | 852,035 | 923,141 | 956,243 | 985,710 | 1,146,817 | 1,122,151 | 1,256,539 |
| Not in bottles or jugs | 370,225 | 370,662 | 414,156 | 403,129 | 440,717 | 405,747 | 441,898 | 618,885 | 587,809 | 683,831 |
| Total | 1,179,111 | 1,097,184 | 1,231,388 | 1,255,164 | 1,363,858 | 1,361,990 | 1,427,608 | 1,765,702 | 1,709,960 | 1,940,370 |
| MARBLE AND STONE, AND MANUFACTURES OF: | | | | | | | | | | |
| Marble and manufactures of | 604,049 | 560,661 | 525,278 | 564,051 | 545,891 | 574,738 | 749,476 | 797,629 | 909,216 | 1,161,560 |
| Stone and manufactures of, including slate | 353,720 | 335,329 | 346,758 | 418,743 | 419,371 | 431,839 | 548,161 | 565,084 | 476,594 | 576,378 |
| Total | 957,769 | 895,990 | 872,036 | 982,794 | 965,262 | 1,006,577 | 1,297,637 | 1,362,713 | 1,385,810 | 1,737,938 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| METALS, METAL COMPOSITIONS, AND MANUFACTURES OF, not elsewhere specified: | | | | | | | | | | |
| Bronze manufactures | 764,592 | 647,054 | 714,473 | 827,978 | 878,418 | 861,636 | 926,449 | 766,361 | 790,459 | 717,950 |
| All other | 1,513,337 | 1,484,607 | 1,719,408 | 2,247,745 | 2,248,447 | 2,465,294 | 3,307,633 | 6,456,309 | 5,784,024 | 6,400,109 |
| Total | 2,277,929 | 2,131,661 | 2,433,881 | 3,074,823 | 3,126,865 | 3,327,020 | 4,234,082 | 7,222,670 | 6,574,483 | 7,118,059 |
| Mineral substances, not elsewhere specified | 116,494 | 66,346 | 123,864 | 197,338 | 144,735 | 117,665 | 108,250 | 116,103 | 242,230 | 318,913 |
| Musical instruments | 1,749,349 | 1,425,485 | 1,449,071 | 1,577,595 | 1,843,344 | 1,721,428 | 1,703,129 | 1,444,755 | 1,031,485 | 994,866 |
| OILS, not elsewhere specified: | | | | | | | | | | |
| Animal or rendered— | | | | | | | | | | |
| Whale and fish | 136,854 | 107,995 | 88,802 | 79,653 | 106,550 | 115,862 | 85,436 | 125,284 | 144,493 | 269,141 |
| Other | 458 | 447 | 3,488 | 3,387 | 3,744 | 3,677 | 6,471 | 5,531 | 12,136 | 21,327 |
| Mineral | 10,695 | 23,206 | 15,581 | 11,583 | 14,543 | 21,039 | 46,754 | 49,098 | 45,118 | 53,084 |
| Vegetable— | | | | | | | | | | |
| Fixed or expressed— | | | | | | | | | | |
| Olive salad | 672,552 | 547,017 | 651,590 | 662,197 | 617,172 | 696,065 | 819,110 | 783,489 | 876,613 | 891,424 |
| Other | 270,685 | 253,690 | 248,742 | 172,782 | 216,212 | 295,490 | 417,328 | 383,736 | 367,523 | 546,173 |
| Volatile or essential | 83,283 | 81,612 | 97,276 | 127,874 | 141,554 | 146,481 | 156,640 | 235,324 | 218,837 | 265,974 |
| Total | 1,174,477 | 1,013,967 | 1,105,479 | 1,057,476 | 1,199,775 | 1,378,614 | 1,531,739 | 1,532,462 | 1,664,720 | 2,067,123 |
| Paints and colors | 1,318,990 | 1,142,013 | 1,277,784 | 1,214,283 | 1,244,320 | 1,294,811 | 1,343,457 | 1,439,127 | 1,372,052 | 1,466,761 |
| Paper, and manufactures of | 1,714,419 | 1,592,892 | 1,838,822 | 2,028,285 | 2,400,790 | 2,542,383 | 3,816,860 | 3,031,454 | 3,342,304 | 3,380,981 |
| Perfumery, etc. (*see* Fancy articles) | | | | | | | | | | |
| Pipes (*see* Fancy articles) | | | | | | | | | | |
| PROVISIONS, COMPRISING MEAT AND DAIRY PRODUCTS: | | | | | | | | | | |
| Meat products— | | | | | | | | | | |
| Meats and meat extracts | 261,709 | 250,494 | 271,512 | 272,651 | 317,235 | 329,411 | 407,038 | 521,332 | 490,648 | 558,284 |
| All other | 220,547 | 249,984 | 220,532 | 162,202 | 154,619 | 199,734 | 196,696 | 66,385 | 15,386 | 16,717 |
| Dairy products— | | | | | | | | | | |
| Butter | 77,109 | 34,961 | 28,421 | 33,125 | 26,429 | 24,577 | 13,679 | 58,541 | 16,549 | 13,479 |
| Cheese | 961,582 | 964,587 | 856,570 | 874,261 | 1,214,936 | 1,135,184 | 1,295,506 | 1,358,752 | 1,238,166 | 1,425,927 |
| Milk | 312,445 | 330,581 | 712,410 | 459,000 | 376,062 | 85,485 | 98,395 | 103,891 | 95,947 | 110,186 |
| Total | 1,843,452 | 1,830,547 | 2,088,445 | 1,806,239 | 2,089,281 | 1,774,391 | 2,011,814 | 2,108,891 | 1,796,096 | 2,124,593 |
| RICE, not elsewhere specified: | | | | | | | | | | |
| Rice | 1,912,961 | 1,525,871 | 1,045,565 | 922,305 | 1,613,016 | 2,106,963 | 1,115,053 | 2,754,502 | 1,565,914 | 1,349,065 |
| Rice flour, rice meal, and broken rice | a ..... | 666,069 | 640,784 | 754,089 | 848,688 | 898,288 | 927,067 | 1,389,408 | 1,097,436 | 1,191,526 |
| Total | ..... | 2,191,940 | 1,686,349 | 1,676,394 | 2,461,704 | 3,005,271 | 2,042,120 | 4,143,910 | 2,663,350 | 2,440,591 |

a Included partly in "Rice" and partly in "All other dutiable articles."

## No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE**—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Salt | 1,663,831 | 1,519,998 | 1,499,182 | 1,438,031 | 1,156,962 | 943,131 | 950,925 | 928,889 | 713,901 | 692,493 |
| Seeds, not elsewhere specified: | | | | | | | | | | |
| Linseed, or flaxseed | 3,679,848 | 2,817,715 | 1,099,477 | 418,202 | 1,624,964 | 3,851,685 | 2,839,057 | 1,667,552 | 319,418 | 146,818 |
| All other | 559,455 | 977,148 | 633,369 | 434,368 | 488,268 | 586,746 | 691,574 | 718,374 | 460,375 | 514,644 |
| Total | 3,639,303 | 3,794,863 | 1,733,346 | 852,570 | 2,113,232 | 4,438,431 | 3,530,631 | 2,385,926 | 779,793 | 661,462 |
| Silk, manufactures of: | | | | | | | | | | |
| Clothing, ready-made, and other wearing apparel | 718,611 | 542,348 | 476,078 | 568,372 | 604,302 | 521,358 | 595,344 | 2,212,971 | 2,351,797 | 2,569,356 |
| Dress and piece goods | 18,858,214 | 14,651,541 | 14,634,667 | 13,387,599 | 10,774,902 | 7,588,508 | 10,975,087 | 10,417,698 | 9,892,241 | 13,475,282 |
| Laces and embroideries | 2,576,890 | 1,687,739 | 1,979,696 | 2,419,490 | 2,572,602 | 3,399,878 | 3,804,374 | 3,181,374 | 4,391,257 | 4,873,293 |
| Ribbons | 2,677,539 | 1,173,022 | 1,353,437 | 1,845,678 | 2,171,155 | 1,706,831 | 1,968,486 | 1,834,487 | 1,644,769 | 2,289,427 |
| All other | 11,842,392 | 9,412,915 | 9,514,061 | 13,126,784 | 17,228,088 | 21,906,191 | 21,343,083 | 20,233,613 | 12,892,830 | 15,754,570 |
| Total | 36,673,646 | 27,467,565 | 27,957,939 | 31,347,923 | 33,350,999 | 35,122,766 | 38,686,374 | 37,880,143 | 31,172,894 | 38,958,928 |
| Soap: | | | | | | | | | | |
| Fancy, perfumed, and all descriptions of toilet soap | 154,747 | 152,702 | 178,673 | 197,168 | 243,835 | 225,996 | 279,610 | 277,836 | 301,621 | 340,506 |
| All other | 283,208 | 248,448 | 258,623 | 242,496 | 234,354 | 229,170 | 273,830 | 301,986 | 310,595 | 361,203 |
| Total | 437,955 | 401,150 | 437,296 | 439,664 | 478,189 | 455,166 | 553,440 | 579,322 | 612,216 | 701,709 |
| Spices, not elsewhere specified | 200,537 | 164,080 | 170,423 | 168,760 | 187,677 | 173,668 | 249,077 | 262,682 | 307,738 | 298,008 |
| Spirits, distilled: | | | | | | | | | | |
| Brandy | 1,263,803 | 1,227,556 | 1,117,237 | 1,091,456 | 1,119,227 | 1,076,265 | 1,217,913 | 1,139,315 | 889,883 | 918,165 |
| All other | 847,976 | 778,780 | 747,621 | 864,012 | 838,484 | 851,822 | 996,287 | 1,070,421 | 981,227 | 1,082,154 |
| Total | 2,111,779 | 2,006,336 | 1,864,858 | 1,955,468 | 1,957,811 | 1,928,087 | 2,214,200 | 2,209,736 | 1,871,110 | 2,000,319 |
| Sponges | 291,859 | 333,774 | 337,334 | 343,311 | 358,104 | 318,385 | 416,718 | 431,873 | 354,416 | 418,165 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **SUGAR, MOLASSES, AND CONFECTIONERY:** | | | | | | | | | | |
| Molasses | 5, 577, 722 | 4, 190, 242 | 5, 587, 884 | 5, 340, 763 | 5, 484, 678 | 4, 747, 749 | 5, 159, 481 | *a* 698, 197 | ..... | ..... |
| Sugar, Dutch standard in color— | | | | | | | | | | |
| Not above No. 13, and tank bottoms, strups, melada, etc | 91, 080, 963 | 64, 320, 170 | 71, 694, 698 | 69, 153, 330 | 63, 983, 516 | 76, 453, 338 | 84, 536, 143 | *a*51, 861, 221 | ..... | ..... |
| Above No. 13, and not above No. 20 | 61, 111 | 692 | 1, 329 | 1, 017 | 1, 219 | 10, 963 | 5, 296 | *a*2, 945 | ..... | ..... |
| All above No. 20 | 12, 251 | 488 | 891 | 1, 026 | 423 | 1, 152 | 3, 265 | *b* 158, 916 | 566, 331 | 1, 300, 688 |
| Above No. 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | | | |
| Confectionery | 29, 982 | 19, 908 | 28, 333 | 22, 971 | 24, 590 | 96, 643 | 30, 499 | 71, 233 | 97, 741 | 53, 486 |
| Total | 96, 753, 019 | 68, 531, 495 | 77, 218, 135 | 74, 519, 607 | 69, 494, 426 | 81, 249, 845 | 89, 734, 684 | 52, 792, 512 | 664, 072 | 1, 354, 174 |
| **TOBACCO, AND MANUFACTURES OF:** | | | | | | | | | | |
| Leaf | 5, 962, 163 | 6, 301, 988 | 7, 330, 007 | 8, 704, 950 | 10, 870, 841 | 10, 868, 226 | 17, 605, 192 | 13, 284, 162 | 10, 332, 423 | 14, 702, 440 |
| Manufactures of— | | | | | | | | | | |
| Cigars, cigarettes, and cheroots | 3, 189, 225 | 3, 133, 945 | 3, 239, 471 | 3, 345, 060 | 3, 404, 956 | 3, 662, 603 | 4, 026, 828 | 3, 386, 899 | 2, 832, 047 | 2, 831, 860 |
| All other manufactures | 87, 134 | 83, 704 | 92, 610 | 126, 453 | 101, 993 | 80, 161 | 78, 434 | 92, 080 | 94, 004 | 84, 849 |
| Total manufactures | 3, 276, 359 | 3, 217, 649 | 3, 332, 081 | 3, 471, 513 | 3, 506, 949 | 3, 742, 764 | 4, 105, 262 | 3, 478, 979 | 2, 926, 051 | 2, 916, 706 |
| **TOYS** (*see* Fancy articles). | | | | | | | | | | |
| **VEGETABLES:** | | | | | | | | | | |
| Beans and peas | 1, 160, 796 | 253, 395 | 585, 461 | 607, 853 | 2, 190, 137 | 786, 343 | 1, 307, 702 | 2, 078, 571 | 957, 824 | 1, 734, 228 |
| Potatoes | 193, 623 | 255, 590 | 649, 009 | 543, 091 | 2, 693, 021 | 321, 106 | 1, 365, 898 | 2, 797, 927 | 186, 006 | 2, 066, 589 |
| Pickles and sauces | 360, 919 | 310, 907 | 323, 362 | 337, 177 | 416, 958 | 349, 422 | 386, 307 | 511, 163 | 421, 292 | 454, 099 |
| All other— | | | | | | | | | | |
| In their natural state | 616, 343 | 580, 250 | 528, 330 | 516, 319 | 715, 063 | 423, 086 | 895, 390 | 1, 020, 194 | 563, 297 | 691, 963 |
| Prepared or preserved | 345, 788 | 442, 870 | 465, 517 | 295, 911 | 350, 245 | 389, 842 | 510, 077 | 668, 519 | 754, 808 | 639, 805 |
| Total | 2, 677, 469 | 1, 842, 012 | 2, 552, 179 | 2, 350, 351 | 7, 365, 424 | 2, 269, 799 | 4, 455, 374 | 7, 076, 374 | 2, 883, 227 | 5, 586, 689 |
| **WINES:** | | | | | | | | | | |
| Champagne and other sparkling | 1, 318, 743 | 2, 334, 816 | 3, 110, 292 | 3, 382, 907 | 3, 646, 475 | 4, 254, 413 | 4, 752, 572 | 5, 615, 872 | 4, 571, 816 | 5, 579, 054 |
| Still wines— | | | | | | | | | | |
| In casks | 2, 362, 137 | 2, 241, 682 | 2, 519, 624 | 2, 345, 565 | 2, 287, 062 | 2, 126, 548 | 2, 450, 174 | 2, 641, 816 | 2, 464, 484 | 5, 505, 024 |
| In bottles | 1, 979, 953 | 1, 199, 205 | 1, 310, 125 | 1, 327, 613 | 1, 402, 661 | 1, 325, 811 | 1, 657, 210 | 1 749, 372 | 1, 908, 203 | 2, 121, 275 |
| Total | 5, 660, 833 | 6, 275, 703 | 6, 940, 041 | 7, 056, 085 | 7, 336, 198 | 7, 706, 772 | 8, 859, 956 | 10, 007, 060 | 8, 944, 503 | 10, 205, 353 |

*a* Prior to April 1, 1891; for the remaining period see "Sugar and molasses," free of duty. *b* For the three months ending June 30, 1891

No. 158.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **WOOD, NOT ELSEWHERE SPECIFIED, AND MANUFACTURES OF:** | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Unmanufactured, not elsewhere specified | 88,078 | 61,630 | 54,698 | 17,862 | 20,352 | 13,461 | 12,704 | 11,292 | 56,152 | 62,909 |
| Timber, hewn and sawed, squared or sided | 9,050 | 11,939 | 2,292 | 918 | 5,819 | 8,369 | 11,900 | 72,347 | 56,824 | 67,608 |
| Lumber— | | | | | | | | | | |
| Boards, planks, deals, and other sawed lumber | 7,757,156 | 6,814,248 | 6,392,805 | 6,854,401 | 7,515,719 | 7,823,721 | 7,786,093 | 8,412,842 | 7,543,229 | 8,239,870 |
| Shingles | 215,424 | 157,778 | 171,597 | 185,385 | 331,329 | 461,841 | 414,347 | 553,285 | 732,191 | 916,829 |
| Other lumber | 807,375 | 704,811 | 768,298 | 818,578 | 1,071,420 | 1,324,125 | 1,094,659 | 1,110,382 | 1,330,191 | 1,582,525 |
| Manufactures of— | | | | | | | | | | |
| Cabinetware or house furniture | 327,435 | 343,801 | 337,805 | 424,793 | 344,909 | 347,308 | 512,270 | 451,034 | 574,439 | 385,519 |
| Wood pulp | a | a | a | a | a | a | a | 1,902,689 | 1,820,143 | 2,908,884 |
| All other | 1,128,072 | 1,008,834 | 977,846 | 1,196,241 | 1,235,470 | 1,261,153 | 1,353,502 | 2,097,343 | 2,163,278 | 2,346,006 |
| Total | 10,332,590 | 9,103,041 | 8,704,836 | 9,498,173 | 10,525,018 | 11,234,978 | 11,185,475 | 14,611,214 | 14,276,447 | 16,509,710 |
| **WOOLS, HAIR OF THE CAMEL, GOAT, ALPACA, AND OTHER LIKE ANIMALS, AND MANUFACTURES OF:** | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Clothing wools (Class 1) | 4,807,636 | 2,262,824 | 6,651,260 | 3,431,567 | 4,341,242 | 5,971,031 | 3,894,760 | 6,919,913 | 9,523,773 | 7,876,676 |
| Combing wools (Class 2) | 1,017,311 | 669,604 | 1,608,764 | 2,523,560 | 1,330,565 | 1,586,294 | 1,905,970 | 1,551,490 | 1,368,654 | 1,466,641 |
| Carpet and other similar wools (Class 3) | 6,559,762 | 5,947,495 | 8,486,057 | 10,464,352 | 10,015,410 | 10,417,190 | 9,463,353 | 9,759,969 | 8,795,681 | 11,720,863 |
| Total unmanufactured | 12,384,709 | 8,879,923 | 16,746,081 | 16,424,479 | 15,887,217 | 17,974,515 | 15,264,083 | 18,231,372 | 19,688,108 | 21,064,180 |
| Manufactures of— | | | | | | | | | | |
| Carpets and carpeting | 1,303,035 | 1,127,492 | 1,276,226 | 1,426,296 | 1,300,186 | 730,634 | 747,275 | 1,373,162 | 1,285,657 | 1,580,814 |
| Clothing, ready-made, and other wearing apparel, except shawls and knit goods | 2,150,399 | 1,902,690 | 1,506,829 | 1,524,313 | 1,372,891 | 1,974,977 | 1,840,669 | 1,856,476 | 1,477,452 | 1,174,736 |
| Cloths | 12,921,840 | 10,102,354 | 9,731,003 | 10,282,481 | 11,213,932 | 9,475,878 | 16,140,860 | 12,035,075 | 12,765,044 | 15,117,564 |
| Dress goods, women's and children's | 13,906,463 | 13,464,647 | 14,761,343 | 17,211,934 | 18,342,368 | 19,466,474 | 24,202,310 | 18,242,991 | 16,474,601 | 16,483,189 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Knit fabrics | 2,258,952 | 2,203,456 | 1,914,874 | 1,939,804 | 1,765,194 | 1,623,736 | 1,983,033 | 1,249,459 | 1,162,853 | 1,408,390 |
| Rags, mungo, flocks, noils, shoddy, and wastes | 564,694 | 287,254 | 1,036,869 | 1,843,823 | 1,719,154 | 3,447,201 | 2,052,078 | 429,870 | 87,825 | 106,596 |
| Shawls | 962,543 | 1,056,433 | 1,002,829 | 1,056,638 | 953,197 | 858,768 | 1,006,671 | 718,427 | 353,305 | 283,881 |
| Yarns | 1,054,576 | 624,620 | 2,461,970 | 1,736,596 | 2,156,195 | 2,063,511 | 1,991,824 | 1,189,400 | 745,298 | 689,655 |
| All other | 6,035,081 | 5,007,613 | 7,729,385 | 7,880,831 | 8,896,281 | 12,923,763 | 6,617,712 | 3,963,220 | 1,213,844 | 1,203,690 |
| Total manufactures | 41,157,583 | 35,776,559 | 41,421,319 | 44,902,718 | 47,719,393 | 52,564,942 | 56,582,432 | 41,060,080 | 35,565,879 | 38,048,515 |
| ZINC OR SPELTER, AND MANUFACTURES OF: | | | | | | | | | | |
| In blocks or pigs, and old | 190,632 | 116,009 | 119,425 | 256,383 | 192,235 | 112,179 | 100,596 | 78,760 | 25,356 | 31,729 |
| Manufactures of | 40,518 | 64,290 | 49,406 | 33,797 | 30,289 | 54,518 | 40,104 | 50,777 | 18,212 | 27,019 |
| Total | 231,150 | 180,299 | 168,831 | 290,180 | 222,524 | 166,697 | 140,700 | 129,537 | 43,568 | 58,748 |
| All other dutiable articles | 4,761,849 | 3,857,175 | 3,800,490 | 4,814,838 | 5,919,082 | 6,255,074 | 7,014,558 | 6,481,935 | 6,457,633 | 7,230,360 |
| TOTAL VALUE OF DUTIABLE MERCHANDISE | 457,813,509 | 384,813,705 | 423,276,840 | 458,098,637 | 479,885,499 | 488,644,574 | 523,641,780 | 478,674,844 | 369,402,804 | 421,856,711 |
| TOTAL VALUE OF MERCHANDISE FREE OF DUTY | 209,884,184 | 192,813,624 | 212,159,296 | 234,221,131 | 244,071,615 | 256,487,078 | 265,668,629 | 266,241,353 | 457,999,658 | 444,544,211 |
| TOTAL VALUE OF IMPORTS OF MERCHANDISE | 667,697,693 | 577,627,329 | 635,436,136 | 692,319,768 | 723,957,114 | 745,131,652 | 789,310,409 | 844,916,196 | 827,402,462 | 866,400,922 |

a Not stated.

## No. 159.—QUANTITIES OF THE PRINCIPAL ARTICLES OF MERCHANDISE IMPORTED INTO THE UNITED STATES DURING THE TEN YEARS FROM 1884 TO 1893, INCLUSIVE.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY.** | | | | | | | | | | |
| ANIMALS, not elsewhere specified: | | | | | | | | | | |
| Cattle.....No.. | 41,021 | 26,342 | 25,301 | 14,365 | 6,966 | 4,440 | 3,932 | 2,740 | 182 | 174 |
| Horses.....No.. | 18,271 | 18,521 | 21,062 | 17,650 | 10,378 | 9,930 | 10,868 | 6,444 | 8,812 | 2,704 |
| Sheep.....No.. | 4,427 | 5,492 | 31,796 | 28,547 | 18,866 | 5,926 | 16,303 | 9,606 | 4,816 | 4,932 |
| Asphaltum or bitumen, crude.....lbs.. | 72,076,408 | 87,646,930 | 45,971,050 | 55,105,035 | 81,346,814 | 86,348,171 | 156,601,203 | 157,143,083 | 231,071,680 | 198,495,360 |
| Bark, hemlock.....cords.. | 78,248 | 72,933 | 55,930 | 60,587 | 62,918 | 40,279 | 35,115 | 57,245 | 53,119 | 51,943 |
| CHEMICALS, DRUGS, AND DYES, not elsewhere specified: | | | | | | | | | | |
| Alizarine, natural or artificial, including extract of madder.....lbs.. | 669,548 | 1,470,864 | 2,329,635 | 2,095,212 | 2,464,243 | 2,574,994 | 2,155,030 | 3,404,931 | 4,838,270 | 5,728,852 |
| Argal, or argol, or crude tartar..lbs.. | 19,591,039 | 17,694,336 | 16,041,666 | 22,024,768 | 17,226,491 | 21,429,434 | 24,908,054 | 21,579,102 | 24,813,171 | 28,770,810 |
| Barks: Cinchona, or other, from which quinine may be extracted, .....lbs.. | 2,580,052 | 3,513,391 | 4,454,368 | 4,788,044 | 3,801,443 | 2,865,968 | 2,838,618 | 2,901,783 | 3,434,875 | 2,379,395 |
| Cochineal.....lbs.. | 681,996 | 783,382 | 655,779 | 492,304 | 181,495 | 349,968 | 202,931 | 86,399 | 230,039 | 215,683 |
| Dyewoods— | | | | | | | | | | |
| Logwood .....tons.. | 55,987 | 56,231 | 80,515 | 59,265 | 78,691 | 69,354 | 65,870 | 84,155 | 60,297 | 56,415 |
| Gums— | | | | | | | | | | |
| Arabic.....lbs.. | 8,638,178 | 1,895,117 | 1,038,507 | 467,782 | 915,799 | 718,334 | 1,034,115 | 938,639 | 417,007 | 915,855 |
| Camphor, crude.....lbs.. | 2,047,732 | 2,223,038 | 1,133,913 | 2,857,222 | 2,779,719 | 1,961,018 | 2,055,287 | 1,716,167 | 1,955,787 | 1,783,425 |
| Gambier, or terra japonica..lbs.. | 22,267,931 | 20,457,336 | 28,458,363 | 25,598,212 | 36,890,670 | 17,851,339 | 15,828,158 | 29,889,719 | 25,819,493 | 35,792,619 |
| Shellac.....lbs.. | 2,865,753 | 3,468,891 | 4,996,431 | 4,722,538 | 4,206,830 | 5,509,873 | 4,739,465 | 6,253,380 | 6,310,266 | 5,604,732 |
| Indigo .....lbs.. | 2,645,825 | 3,044,650 | 2,963,661 | 3,469,182 | 3,114,279 | 3,550,765 | 2,823,962 | 2,089,007 | 2,461,667 | 3,226,312 |
| Licorice root.....lbs.. | 29,056,653 | 26,406,006 | 58,531,952 | 79,603,835 | 49,167,173 | 57,068,600 | 55,229,348 | 55,807,911 | 96,659,583 | 93,002,250 |
| Lime, chloride of, or bleaching powder .....lbs.. | 99,758,375 | 94,697,816 | 96,155,648 | 103,087,827 | 95,302,962 | 104,115,003 | 99,212,346 | 107,475,715 | 110,748,289 | 120,811,913 |
| Mineral water, all not artificial..galls.. | 1,526,011 | 1,644,467 | 1,511,456 | 1,634,411 | 1,800,863 | 1,609,923 | 2,064,915 | 1,885,100 | 2,165,074 | 2,582,898 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Opium, crude or unmanufactured..lbs.. | *a* ..... | *a* ..... | *a* ..... | *a* ..... | *a* ..... | *a* ..... | *a* ..... | [*b* 389,497 | 587,113 | 615,957 |
| Potash— | | | | | | | | | | |
| Chlorate of .....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *c* 2,395,062 | 3,575,342 | 3,973,243 |
| Muriate of.....lbs.. | 48,706,014 | 40,617,944 | 46,803,399 | 38,569,614 | 56,065,179 | 71,703,130 | 61,602,749 | 75,573,414 | 70,621,448 | 73,748,459 |
| Nitrate of, or salpeter, crude lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *d* 8,930,546 | 14,254,514 | 16,560,599 |
| All other .....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | *c* 9,969,273 | 16,804,913 | 26,341,215 |
| Quinia, sulphate of, and all alkaloids or salts of cinchona bark....oz.. | 1,571,082 | 1,871,600 | 1,807,653 | 2,753,962 | 1,628,414 | 2,893,582 | 3,052,448 | 3,332,173 | 2,853,871 | 3,442,907 |
| Soda, nitrate of.....lbs.. | 121,202,792 | 111,804,185 | 101,209,481 | 172,174,889 | 178,954,024 | 151,148,674 | 204,063,850 | 224,959,672 | 246,093,120 | 212,040,640 |
| Sulphur or brimstone, crude..tons.. | 105,143 | 96,841 | 117,396 | 97,383 | 99,253 | 130,191 | 141,921 | 120,804 | 109,419 | 121,690 |
| Vanilla beans.....lbs.. | 75,621 | 97,094 | 99,529 | 137,479 | 145,379 | 168,791 | 144,870 | 170,923 | 242,639 | 238,733 |
| Cocoa, or cacao, crude, and leaves and shells of .....lbs.. | 12,235,304 | 10,300,120 | 13,076,242 | 12,271,558 | 16,402,287 | 16,743,964 | 18,266,177 | 21,539,840 | 21,955,874 | 24,460,325 |
| Coffee (*see also* Dutiable).....lbs.. | 534,785,542 | 572,599,552 | 564,707,533 | 526,109,170 | 423,645,794 | 578,397,454 | 499,159,120 | 519,528,432 | 632,941,912 | 541,156,950 |
| Cotton, unmanufactured .....lbs.. | 7,019,492 | 5,115,680 | 5,072,334 | 3,924,531 | 5,497,592 | 7,973,039 | 8,606,049 | 20,908,817 | 28,663,769 | 43,367,952 |
| Eggs .....dos.. | 16,487,204 | 16,098,450 | 16,092,583 | 13,936,054 | 15,642,861 | 15,918,809 | 15,062,796 | *e* 7,007,826 | ..... | ..... |
| FERTILIZERS: | | | | | | | | | | |
| Guano.....tons.. | 27,652 | 19,583 | 14,381 | 12,804 | 8,042 | 14,274 | 8,432 | 10,615 | 4,158 | 4,170 |
| Phosphates, crude or native...tons.. | 21,910 | 24,114 | 37,085 | 26,552 | 28,895 | 34,603 | 30,249 | 34,171 | 25,535 | 19,962 |
| FISH, not elsewhere specified: | | | | | | | | | | |
| Fresh, all kinds, except salmon..lbs.. | 17,521,419 | 17,913,742 | 19,732,787 | 27,420,847 | 31,828,427 | 46,348,854 | 41,727,190 | *e* 12,776,777 | ..... | ..... |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled .....lbs.. | 26,219,592 | 32,399,578 | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... |
| Herring— | | | | | | | | | | |
| Dried or smoked.....lbs.. | 8,726,479 | 10,558,315 | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... |
| Pickled.....bbls.. | 126,519 | 104,742 | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... |
| Mackerel, pickled .....bbls.. | 88,215 | 91,680 | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... |
| Salmon— | | | | | | | | | | |
| Fresh.....lbs.. | 1,016,937 | 1,336,541 | 1,422,720 | 1,104,090 | 1,223,975 | 1,020,507 | 853,963 | *e* 341,000 | *a*..... | *a*..... |
| Pickled.....bbls.. | 6,048 | 5,872 | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... |
| Indiarubber and gutta-percha, crude..lbs.. | 24,574,025 | 24,288,148 | 29,263,632 | 28,649,446 | 36,628,351 | 32,339,503 | 33,842,374 | 34,672,924 | 40,284,444 | 42,130,058 |

*a* See "Dutiable."

*b* From October 6, 1890; for the preceding period see "Dutiable."

*c* From October 6, 1890; for preceding period see "Chemicals, etc., all other," "Dutiable."

*d* From October 6, 1890; for preceding period see "Potash, nitrate of, etc.," dutiable.

*e* Prior to October 6, 1890; for remaining period see "Dutiable."

## No. 159.—QUANTITIES OF THE PRINCIPAL ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY—Continued.** | | | | | | | | | | |
| IVORY: | | | | | | | | | | |
| Animal ..... lbs. | 220, 879 | 156, 624 | 175, 923 | 164, 284 | 210, 224 | 170, 638 | 225, 858 | 243, 236 | 271, 438 | 299, 471 |
| Vegetable ..... lbs. | 7, 891, 962 | 8, 301, 421 | 8, 102, 130 | 5, 776, 515 | 7, 051, 664 | 5, 776, 406 | 4, 991, 289 | 7, 178, 146 | 8, 552, 976 | 15, 195, 846 |
| OILS, not elsewhere specified: | | | | | | | | | | |
| Fixed or expressed ..... lbs. | 12, 869, 838 | 22, 498, 849 | 18, 484, 541 | 18, 268, 778 | 21, 158, 638 | 16, 105, 242 | 20, 323, 677 | 18, 816, 943 | 32, 532, 437 | 44, 337, 277 |
| Volatile or essential ..... lbs. | 959, 032 | 1, 151, 690 | 1, 450, 188 | 1, 492, 041 | 1, 524, 680 | 2, 065, 316 | 1, 437, 216 | 2, 347, 685 | 2, 529, 311 | 2, 278, 780 |
| Whale and fish ..... galls. | 429, 561 | 234, 690 | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... | *a*..... |
| PAPER STOCK, CRUDE: | | | | | | | | | | |
| Rags, other than woolen ..... lbs. | 167, 585, 100 | 134, 591, 262 | 113, 528, 994 | 120, 571, 949 | 113, 485, 454 | 142, 788, 858 | 149, 101, 331 | 121, 058, 212 | 117, 932, 075 | 160, 738, 690 |
| Plaster of Paris, or sulphate of lime, unground ..... tons. | 166, 150 | 117, 226 | 112, 490 | 146, 962 | 135, 248 | 171, 067 | 174, 074 | *b*..... | *b*..... | *b*..... |
| Platinum, unmanufactured ..... lbs. | 2, 862 | 2, 612 | 3, 284 | 3, 863 | 5, 335 | 5, 464 | 5, 762 | 6, 118 | 3, 914 | 5, 968 |
| Plumbago ..... tons. | 7, 237 | 5, 538 | 4, 258 | 8, 451 | 9, 066 | 6, 607 | 13, 103 | 10, 135 | 13, 511 | 14, 207 |
| SILK, UNMANUFACTURED: | | | | | | | | | | |
| Cocoons ..... lbs. | 445, 629 | 223, 121 | 451, 690 | 540, 192 | 454, 169 | 93, 537 | 163, 531 | 82, 053 | 191, 221 | 186, 929 |
| Raw, or as reeled from the cocoons, ..... lbs. | 3, 223, 546 | 3, 424, 076 | 4, 754, 626 | 4, 599, 574 | 5, 173, 840 | 5, 329, 646 | 5, 943, 360 | 4, 917, 688 | 7, 521, 342 | 7, 422, 430 |
| Waste ..... lbs. | 616, 713 | 661, 711 | 1, 611, 744 | 888, 325 | 742, 313 | 1, 221, 941 | 1, 404, 549 | 1, 266, 888 | 1, 121, 486 | 888, 118 |
| SPICES, UNGROUND: | | | | | | | | | | |
| Nutmegs ..... lbs. | 1, 364, 473 | 1, 039, 412 | 1, 189, 507 | 1, 288, 559 | 1, 248, 096 | 1, 555, 102 | 1, 040, 951 | 1, 327, 135 | 1, 580, 605 | 1, 419, 636 |
| Pepper, black or white ..... lbs. | 13, 331, 079 | 9, 103, 649 | 11, 843, 458 | 13, 255, 161 | 12, 949, 598 | 11, 358, 636 | 13, 759, 217 | 13, 564, 583 | 14, 799, 322 | 21, 467, 275 |
| All other ..... lbs. | 15, 079, 256 | 11, 342, 256 | 10, 767, 211 | 15, 789, 881 | 13, 317, 870 | 10, 891, 505 | 11, 048, 798 | 13, 732, 261 | 14, 511, 451 | 16, 862, 214 |
| SUGAR, not elsewhere specified, and molasses: | | | | | | | | | | |
| Molasses ..... galls. | *c*..... | *c*..... | *c*..... | *c*..... | *c*..... | *c*..... | *c*..... | *d*16, 058, 172 | 22, 443, 209 | 15, 490, 679 |
| Sugar, not above No. 16, Dutch standard in color, and tank bottoms, melada, etc.— | | | | | | | | | | |
| Beet sugar ..... lbs. | *c*..... | *c*..... | *c*..... | *c*..... | *c*..... | *c*..... | *c*..... | *d*323, 056, 481 | 298, 184, 261 | 436, 883, 943 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Cane and other sugar ..... lbs.. | c ..... | c ..... | c ..... | c ..... | c ..... | c ..... | c ..... | d1,088,678,517 | 3,248,494,502 | 3,296,706,423 |
| Tea ..... lbs.. | 67,665,910 | 72,104,956 | 81,887,998 | 89,831,221 | 84,627,870 | 79,575,984 | 83,886,829 | 83,453,339 | 90,079,039 | 89,061,287 |
| Textile grasses or fibrous vegetable substances, not elsewhere specified: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Istle or Tampico fiber ..... tons.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | e 3,877 | 4,732 | 4,967 |
| Jute and jute butts ..... tons.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | f 100,228 | 88,624 | 82,231 |
| Manila ..... tons.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | f 35,331 | 44,574 | 59,439 |
| Sisal grass ..... tons.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | f 39,213 | 48,020 | 54,431 |
| All other ..... tons.. | ..... | ..... | ..... | ..... | 7,397 | 5,974 | 9,346 | 18,913 | 12,824 | 16,303 |
| Manufactures of— | | | | | | | | | | |
| Coir yarn ..... lbs.. | 1,766,722 | 4,627,900 | 4,021,623 | 4,605,529 | 4,451,440 | 4,370,700 | 3,217,491 | 5,141,559 | 5,121,165 | 7,460,042 |
| Tin in bars, blocks, or pigs, or grain or granulated ..... lbs.. | 26,013,972 | 23,960,653 | 27,960,561 | 29,645,511 | 31,690,583 | 33,877,287 | 34,993,099 | 39,787,622 | 43,908,652 | 61,075,929 |
| ARTICLES ADMITTED FREE UNDER RECIPROCITY TREATY WITH HAWAIIAN ISLANDS: | | | | | | | | | | |
| Rice ..... lbs.. | 12,378,433 | 8,291,360 | 6,892,900 | 9,263,700 | 13,269,500 | 10,660,300 | 10,730,600 | 7,840,900 | 7,489,700 | 8,473,800 |
| Molasses ..... galls.. | 163,347 | 71,649 | 61,171 | 113,574 | 52,582 | 48,140 | 81,443 | g 55,379 | h ..... | h ..... |
| Sugar, brown ..... lbs.. | 125,158,677 | 169,652,603 | 191,623,175 | 218,290,835 | 228,540,513 | 243,324,683 | 224,457,011 | g 232,594,890 | h ..... | h ..... |
| **DUTIABLE.** | | | | | | | | | | |
| ANIMALS, not elsewhere specified: | | | | | | | | | | |
| Cattle ..... No.. | 58,748 | 78,796 | 52,324 | 72,665 | 57,505 | 57,551 | 26,760 | 9,652 | 2,036 | 3,119 |
| Horses ..... No.. | 27,339 | 21,734 | 37,901 | 38,735 | 52,033 | 48,784 | 38,248 | 16,093 | 10,762 | 12,747 |
| Sheep ..... No.. | 293,848 | 331,117 | 371,046 | 451,253 | 454,213 | 398,891 | 377,491 | 336,150 | 376,498 | 454,552 |
| BREADSTUFFS: | | | | | | | | | | |
| Barley ..... bush.. | 8,596,122 | 9,986,507 | 10,197,115 | 10,355,594 | 10,831,461 | 11,368,414 | 11,332,545 | 5,078,733 | 3,146,328 | 1,970,729 |
| Corn ..... bush.. | 4,894 | 4,507 | 16,104 | 30,536 | 37,493 | 2,401 | 1,626 | 2,111 | 15,290 | 1,881 |
| Oats ..... bush.. | 54,627 | 84,397 | 90,450 | 87,380 | 67,838 | 22,810 | 21,436 | 9,692 | 20,208 | 21,309 |

a See dutiable "Oil."
b Included in all other free articles.
c See "Sugar and molasses," dutiable.
d From April 1, 1891; for preceding period see "Sugar and molasses," dutiable.
e From October 6, 1890; for the preceding period included in "All other textile grasses," etc., free of duty.
f From October 6, 1890; for the preceding period, see "Flax, hemp, jute," etc., dutiable.
g Prior to April 1, 1891; from that date included in "Sugar and molasses," free of duty.
h Included in sugar and molasses free of duty under general tariff.

## No. 159.—QUANTITIES OF THE PRINCIPAL ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| BREADSTUFFS—Continued. | | | | | | | | | | |
| Oatmeal.....lbs.. | 1,195,948 | 1,078,436 | 1,062,540 | 939,502 | 1,007,620 | 1,965,433 | 2,372,330 | 578,809 | 496,333 | 506,232 |
| Rye.....bush.. | 656,113 | 239,014 | 173,792 | 18,469 | 41 | 16 | 197,598 | 140,737 | 83,537 | 8,598 |
| Wheat.....bush.. | 24,329 | 206,556 | 380,540 | 277,842 | 583,115 | 130,649 | 157,060 | 545,968 | 2,459,602 | 966,280 |
| Wheat flour.....bbls.. | 1,810 | 1,279 | 1,750 | 1,013 | 2,610 | 1,156 | 1,219 | 8,413 | 614 | 410 |
| Bristles.....lbs.. | 988,736 | 790,502 | 1,076,330 | 1,196,242 | 1,114,214 | 1,330,787 | 1,261,609 | 1,404,832 | 1,495,003 | 1,598,818 |
| Cement.....bbls.. | 582,623 | 578,141 | 645,197 | 1,079,944 | 2,016,990 | 1,517,350 | 2,160,739 | 2,807,820 | 2,686,921 | 2,812,336 |
| CHEMICALS, DRUGS, DYES, AND MEDICINES, not elsewhere specified: | | | | | | | | | | |
| Glycerin.....lbs.. | 5,832,825 | 7,573,034 | 10,442,910 | 12,765,072 | 10,060,719 | 10,959,719 | 11,147,684 | 13,975,577 | 14,197,549 | 16,540,213 |
| Logwood and other dyewoods, extracts and decoctions of.....lbs.. | 2,645,259 | 2,402,964 | 3,873,653 | 3,396,467 | 2,391,377 | 3,195,784 | 2,825,155 | 3,278,443 | 4,237,369 | 4,126,860 |
| Opium— | | | | | | | | | | |
| Crude.....lbs.. | 326,539 | 334,169 | 471,276 | 568,263 | 477,020 | 391,563 | 473,095 | a 77,057 | b..... | b..... |
| Prepared for smoking.....lbs.. | 4,633 | 50,265 | 46,207 | 66,232 | 65,986 | 96,678 | 84,465 | 74,462 | 79,466 | 62,222 |
| Potash, nitrate of, or saltpeter, crude.....lbs.. | 10,397,251 | 12,413,229 | 11,534,432 | 10,313,866 | 7,983,812 | 7,749,979 | 10,740,158 | a 6,110,211 | b..... | b..... |
| Soda— | | | | | | | | | | |
| Bicarbonate of.....lbs.. | 2,029,428 | 2,330,960 | 3,319,538 | 2,548,580 | 2,020,643 | 1,167,197 | 917,034 | 804,259 | 3,401,455 | c..... |
| Caustic.....lbs.. | 77,561,649 | 69,849,220 | 78,650,859 | 84,689,458 | 89,421,467 | 78,562,761 | 80,125,732 | 78,743,976 | 64,741,106 | 57,485,106 |
| Sal soda and soda ash.....lbs.. | 312,254,723 | 287,281,244 | 309,973,166 | 287,704,468 | 284,580,151 | 308,990,773 | 332,733,952 | 354,744,335 | 339,057,006 | 416,441,737 |
| All other salts of.....lbs.. | 8,135,170 | 9,877,336 | 6,123,031 | 15,739,772 | 17,611,357 | 16,937,388 | 22,586,065 | 18,136,888 | 22,348,570 | 47,664,938 |
| Sumac, ground.....lbs.. | 16,316,614 | 13,590,812 | 16,685,565 | 16,127,445 | 13,456,563 | 11,197,305 | 16,397,213 | 11,944,272 | 10,411,774 | 14,386,173 |
| Clays or earths of all kinds, including china clay or kaolin.....tons.. | 27,716 | 24,346 | 28,875 | 38,007 | 46,551 | 49,050 | 49,623 | 58,753 | 67,186 | 79,209 |
| Coal, bituminous.....tons.. | 820,266 | 817,918 | 824,361 | 906,634 | 877,504 | 1,155,829 | 935,193 | 1,055,069 | 1,331,964 | 1,102,231 |
| Coffee (under sec. 3, tariff act of Oct. 1, 1890).....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7,268,876 | 22,312,118 |
| COPPER, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore (fine copper contained therein).lbs.. | 2,259,833 | 3,578,753 | 4,362,614 | 4,219,182 | 4,454,458 | 5,069,136 | 5,796,676 | 7,862,777 | 9,776,188 | 7,893,386 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Pigs, bars, ingots, old, and other unmanufactured.....lbs.. | 361, 606 | 481, 590 | 748, 203 | 111, 941 | 173, 760 | 81, 263 | 262, 719 | 1, 036, 620 | 3, 446, 691 | 4, 244, 949 |
| COTTON, MANUFACTURES OF: | | | | | | | | | | |
| Cloths— | | | | | | | | | | |
| Not bleached, dyed, colored, stained, painted, or printed, .....sq. yards.. | 1, 687, 613 | 856, 213 | 2, 176, 606 | 3, 021, 696 | 1, 077, 070 | 2, 577, 230 | 1, 508, 289 | 1, 902, 397 | 1, 572, 224 | 3, 225, 767 |
| Bleached, dyed, colored, stained, painted, or printed..sq. yards.. | 19, 504, 784 | 24, 274, 281 | 29, 551, 543 | 24, 928, 404 | 26, 483, 126 | 27, 808, 959 | 26, 251, 402 | 31, 055, 214 | 32, 407, 238 | 42, 546, 157 |
| Thread (not on spools), yarn, warps, or warp-yarn.....lbs . | 1, 895, 699 | 909, 480 | 1, 147, 181 | 1, 894, 798 | 1, 886, 672 | 1, 744, 852 | 1, 706, 188 | 1, 686, 039 | 1, 426, 585 | 1, 734, 418 |
| Eggs .....dos.. | *b*..... | *b*..... | *b*..... | *b*..... | *b*..... | *b*..... | *b*..... | *d* 1, 225, 217 | 4, 188, 492 | 8, 218, 011 |
| FISH: | | | | | | | | | | |
| Fresh— | | | | | | | | | | |
| Salmon .....lbs.. | *b* ..... | *b*..... | *b*..... | *b*..... | *b*..... | *b*..... | *b*..... | *d*503, 798 | 1, 096, 017 | 1, 238, 666 |
| Cured or preserved— | | | | | | | | | | |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled..lbs.. | *b*..... | *b* ..... | 14, 324, 080 | 14, 714, 375 | 15, 049, 231 | 13, 898, 041 | 12, 759, 312 | 12, 962, 019 | 10, 410, 068 | 13, 760, 139 |
| Herring— | | | | | | | | | | |
| Dried or smoked .....lbs.. | *b*..... | *b* ..... | 5, 712, 725 | 5, 607, 879 | 5, 549, 244 | 6, 093, 437 | 6, 502, 573 | 4, 299, 403 | 3, 103, 928 | 3, 030, 152 |
| Pickled or salted .....bbls.. | 31, 008 | 49, 643 | 97, 880 | 107, 386 | 131, 368 | 113, 464 | 125, 440 | 128, 135 | 152, 797 | 164, 262 |
| Mackerel, pickled .....bbls.. | *b*..... | *b*..... | 50, 889 | 79, 172 | 64, 987 | 42, 394 | 70, 437 | 118, 365 | 91, 898 | 86, 236 |
| Salmon, pickled.....lbs.. | *b* ..... | *b*..... | 912, 400 | 941, 400 | 1, 012, 800 | 1, 027, 600 | 789, 200 | 953, 919 | 860, 847 | 875, 067 |
| FLAX, HEMP, JUTE, AND OTHER VEGETABLE SUBSTANCES, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Flax.....tons.. | 5, 086 | 6, 435 | 5, 557 | 7, 140 | 5, 691 | 7, 896 | 8, 048 | 6, 331 | 7, 812 | 6, 696 |
| Hemp, and all substitutes for hemp.....tons.. | 25, 925 | 32, 463 | 28, 655 | 32, 739 | 47, 947 | 55, 835 | 36, 591 | 11, 484 | 5, 187 | 4, 817 |
| Jute.....tons.. | 64, 389 | 98, 343 | 83, 054 | 88, 514 | 115, 163 | 88, 655 | 90, 396 | *a* 41, 476 | ..... | ..... |
| Sisal grass, and other fibrous vegetable substances....tons.. | 32, 062 | 36, 897 | 35, 300 | 36, 355 | 36, 401 | 38, 542 | 50, 858 | *a* 14, 737 | ..... | ..... |

*a* Prior to Oct. 6, 1890; for remaining period see "Free of duty."

*b* See "Free of duty."

*c* Included in "All other salts of soda."

*d* From October 6, 1890; for preceding period see "Free of duty."

## No. 159.—QUANTITIES OF THE PRINCIPAL ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| FLAX, HEMP, JUTE, AND OTHER VEGETABLE SUBSTANCES, AND MANUF'RES OF—Con'd. | | | | | | | | | | |
| Manufactures of— | | | | | | | | | | |
| Cables, cordage, and twine..lbs.. | 851,457 | 685,052 | 1,140,706 | 926,237 | 560,389 | 567,819 | 921,117 | 759,155 | 1,007,678 | 645,056 |
| Yarns or threads.....lbs.. | 7,415,420 | 12,115,289 | 20,696,647 | 14,732,754 | 16,988,814 | 16,285,809 | 16,068,936 | 9,481,717 | 4,146,242 | 5,727,969 |
| FRUITS, INCLUDING NUTS, not elsewhere specified: | | | | | | | | | | |
| Figs.....lbs.. | 7,945,977 | 7,770,178 | 7,238,070 | 8,724,583 | 10,058,053 | 10,649,049 | 10,284,998 | 9,201,565 | 8,338,759 | 10,503,928 |
| Plums and prunes.....lbs.. | 60,600,228 | 57,631,820 | 64,995,545 | 92,032,625 | 70,626,027 | 46,154,825 | 58,093,410 | 34,281,322 | 10,869,797 | 26,414,112 |
| Raisins.....lbs.. | 53,702,220 | 38,319,787 | 40,387,946 | 40,673,288 | 40,476,763 | 35,091,139 | 36,914,330 | 39,572,655 | 20,687,640 | 27,543,563 |
| Nuts— | | | | | | | | | | |
| Almonds.....lbs.. | 3,828,104 | 4,732,269 | 5,822,733 | 5,482,363 | 5,747,957 | 5,545,400 | 5,715,858 | 6,812,061 | 7,629,392 | 6,679,147 |
| GLASS AND GLASSWARE: | | | | | | | | | | |
| Cylinder, crown, and common window glass, unpolished.....lbs.. | 77,873,253 | 57,615,693 | 55,049,857 | 62,355,416 | 71,449,070 | 75,565,280 | 73,112,550 | 58,932,738 | 72,682,127 | 63,715,989 |
| Cylinder and crown glass, polished— | | | | | | | | | | |
| Unsilvered.....sq. feet.. | 81,914 | 60,907 | 88,890 | 269,557 | 275,354 | 259,038 | 247,074 | 288,965 | 476,588 | 366,484 |
| Silvered.....sq. feet.. | | 21 | ..... | 2,963 | 147,250 | 1,990,405 | 4,272,842 | 5,101,871 | 4,103,216 | 4,962,510 |
| Plate glass— | | | | | | | | | | |
| Fluted, rolled, or rough.sq. feet.. | 1,985,947 | 2,386,844 | 2,152,874 | 2,225,509 | 3,035,242 | 2,702,870 | 2,008,931 | 1,895,520 | 1,084,433 | 1,084,308 |
| Cast, polished, unsilvered, .....sq. feet.. | 2,651,975 | 2,622,622 | 2,838,074 | 3,967,876 | 3,955,201 | 3,029,807 | 2,833,888 | 3,611,612 | 2,475,530 | 3,340,965 |
| Cast, polished, silvered.sq. feet.. | 3,924,231 | 3,876,803 | 4,216,793 | 4,590,876 | 4,293,157 | 3,211,067 | 531,851 | 445,586 | 309,765 | 367,385 |
| Hay.....tons.. | 118,955 | 160,950 | 92,118 | 78,368 | 100,269 | 105,395 | 124,544 | 58,242 | 79,715 | 104,257 |
| HIDES AND SKINS OTHER THAN FUR SKINS (under section 3, tariff act of October 1, 1890. See also Free of duty): | | | | | | | | | | |
| Goat skins.....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 240,493 | 1,927,965 |
| All other.....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,363,697 | 8,806,395 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hops ..... lbs.. | 701, 104 | 1, 642, 086 | 2, 672, 762 | 18, 538, 049 | 5, 585, 033 | 4, 176, 158 | 6, 539, 516 | 4, 619, 603 | 2, 506, 224 | 2, 691, 244 |
| IRON AND STEEL, AND MANUFACTURES OF: | | | | | | | | | | |
| Iron ore ..... tons.. | 553, 806 | 425, 870 | 701, 243 | 1, 141, 774 | 919, 644 | 652, 032 | 1, 157, 395 | 955, 517 | 1, 003, 787 | 683, 056 |
| Pig iron ..... tons.. | 283, 172 | 151, 959 | 261, 674 | 418, 919 | 325, 517 | 176, 727 | 146, 772 | 81, 916 | 82, 891 | 62, 936 |
| Scrap iron and steel, fit only to be remanufactured ..... tons.. | 54, 566 | 24, 159 | 53, 498 | 271, 767 | 155, 106 | 38, 441 | 38, 859 | 56, 559 | 38, 768 | 18, 836 |
| Bar iron, rolled or hammered ... lbs.. | 86, 432, 339 | 73, 373, 128 | 75, 074, 661 | 74, 072, 160 | 74, 363, 371 | 69, 280, 491 | 64, 125, 976 | 43, 287, 778 | 45, 882, 274 | 38, 947, 467 |
| Bars, railway, of iron or steel, or in part of steel ..... tons.. | 7, 971 | 4, 203 | 10, 507 | 77, 043 | 137, 024 | 24, 277 | 250 | 134 | 299 | 932 |
| Hoops or ties for baling purposes, barrel hoops, and hoop or band iron or steel, flared, splayed, or punched ..... lbs.. | 35, 068, 303 | 38, 093, 626 | 36, 079, 629 | 28, 238, 241 | 42, 696, 501 | 71, 654, 638 | 44, 621, 533 | 26, 646, 549 | 1, 058, 657 | 3, 744, 482 |
| Hoop, band, or scroll iron or steel .lbs.. | 4, 247, 033 | 3, 158, 794 | 7, 319, 486 | 35, 240, 444 | 50, 344, 592 | 47, 323, 225 | 18, 706, 180 | 7, 186, 342 | 2, 440, 608 | 2, 782, 596 |
| Ingots, blooms, slabs, billets, and bars of steel, and steel in forms not elsewhere specified ..... lbs.. | 50, 247, 680 | 42, 595, 837 | 144, 276, 768 | 639, 378, 399 | 414, 489, 698 | 215, 631, 109 | 81, 395, 033 | 70, 286, 561 | 81, 563, 726 | 71, 432, 468 |
| Sheet, plate, and taggers iron..lbs.. | 13, 466, 396 | 13, 559, 883 | 13, 781, 841 | 15, 073, 780 | 16, 351, 572 | 15, 437, 224 | 16, 978, 263 | 25, 089, 455 | 32, 448, 322 | 91, 246, 002 |
| Tin plates, terne plates, and taggers tin ..... lbs.. | 507, 894, 756 | 507, 154, 935 | 572, 252, 699 | 572, 220, 397 | 634, 944, 945 | 735, 779, 988 | 680, 060, 925 | 1,036,489,074 | 422, 176, 202 | 628, 425, 902 |
| Wire rods of iron or steel ..... lbs.. | 193, 782, 888 | 259, 540, 746 | 303, 584, 771 | 322, 538, 910 | 270, 939, 550 | 180, 209, 180 | 139, 658, 120 | 112, 982, 750 | 97, 111, 641 | 97, 067, 082 |
| Wire, and wire rope and strand, iron or steel ..... lbs.. | 7, 135, 245 | 3, 844. 195 | 5, 833, 001 | 4, 872, 977 | 7, 105, 977 | 7, 818, 714 | 9, 589, 140 | 11, 607, 306 | 8, 072, 137 | 9, 305, 075 |
| Manufactures of, not elsewhere specified— | | | | | | | | | | |
| Anvils ..... lbs.. | 2, 441, 782 | 1, 390, 145 | 1, 887, 613 | 2, 393, 622 | 2, 907, 802 | 2, 737, 957 | 3, 162, 305 | 2, 120, 152 | 1, 801, 551 | 1, 745, 754 |
| Chains ..... lbs.. | 2, 408, 289 | 1, 389, 339 | 1, 278, 908 | 1, 607, 298 | 2, 065, 787 | 1, 616, 885 | 1, 485, 606 | 1, 145, 286 | 1, 936, 010 | 1, 104, 503 |
| Malt, barley ..... bush.. | 155, 670 | 378, 886 | 323, 090 | 290, 960 | 216, 757 | 150, 182 | 217, 586 | 123, 083 | 5, 165 | 3, 559 |
| MALT LIQUORS: | | | | | | | | | | |
| In bottles or jugs ..... galls.. | 968, 148 | 869, 224 | 968, 320 | 1, 015, 582 | 1, 126, 771 | 1, 151, 065 | 1, 188, 851 | 1, 265, 934 | 1, 155, 554 | 1, 296, 586 |
| Not in bottles or jugs ..... galls.. | 1, 110, 611 | 1, 189, 906 | 1, 287, 873 | 1, 276, 513 | 1, 390, 123 | 1, 373, 616 | 1, 491, 179 | 1, 817, 043 | 1, 774, 027 | 2, 068, 803 |
| OILS, not elsewhere specified: | | | | | | | | | | |
| Animal or rendered— | | | | | | | | | | |
| Whale and fish: ..... galls.. | 383, 319 | 227, 150 | 181, 835 | 174, 273 | 242, 450 | 455, 865 | 267, 379 | 320, 515 | 306, 315 | 967, 438 |
| Other ..... galls.. | 778 | 822 | 10, 871 | 11, 845 | 16, 744 | 18, 490 | 36, 100 | 19, 307 | 34. 543 | 55, 619 |

## No. 159.—QUANTITIES OF THE PRINCIPAL ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **OILS, not elsewhere specified—Continued.** | | | | | | | | | | |
| Mineral.....galls.. | 459,041 | 986,319 | 881,739 | 290,536 | 377,713 | 829,039 | 813,932 | 1,148,767 | 828,058 | 1,019,411 |
| Vegetable— | | | | | | | | | | |
| Fixed or expressed— | | | | | | | | | | |
| Olive salad.....galls.. | 610,429 | 493,928 | 634,354 | 744,766 | 654,162 | 893,338 | 893,984 | 605,509 | 706,486 | 686,852 |
| Other.....galls.. | 572,113 | 555,803 | 605,126 | 428,086 | 650,832 | 843,837 | 687,797 | 451,075 | 369,039 | 503,424 |
| Volatile or essential.....lbs.. | 76,877 | 37,655 | 49,436 | 122,266 | 602,421 | 630,232 | 682,180 | 1,111,848 | 922,208 | 1,743,337 |
| **PROVISIONS, COMPRISING MEAT AND DAIRY PRODUCTS:** | | | | | | | | | | |
| Dairy products— | | | | | | | | | | |
| Butter.....lbs.. | 373,844 | 187,337 | 178,712 | 236,100 | 143,215 | 178,851 | 75,521 | 380,728 | 114,137 | 73,423 |
| Cheese.....lbs.. | 6,243,014 | 8,247,560 | 6,309,124 | 6,592,192 | 8,750,185 | 8,207,026 | 9,263,573 | 8,863,640 | 8,905,288 | 10,195,924 |
| **RICE, not elsewhere specified:** | | | | | | | | | | |
| Rice.....lbs.. | 94,252,090 | 72,786,050 | 53,160,726 | 46,765,396 | 87,546,501 | 121,495,663 | 57,631,397 | 125,263,163 | 77,622,464 | 72,558,144 |
| Rice flour, rice meal, and broken rice.....lbs.. | a..... | 37,997,167 | 37,508,727 | 47,921,263 | 54,907,500 | 54,130,597 | 55,667,174 | 81,259,519 | 62,991,524 | 66,451,864 |
| **Salt**.....lbs.. | 927,122,434 | 807,680,072 | 847,737,215 | 780,336,862 | 690,346,266 | 582,377,147 | 506,039,864 | 511,596,163 | 470,151,826 | 391,966,537 |
| **SEEDS, not elsewhere specified:** | | | | | | | | | | |
| Linseed or flaxseed.....bush.. | 2,849,226 | 2,548,864 | 1,034,576 | 415,179 | 1,583,964 | 3,259,460 | 2,391,175 | 1,515,546 | 285,140 | 112,015 |
| **SOAP:** | | | | | | | | | | |
| Fancy, perfumed, and all descriptions of toilet soap.....lbs.. | 241,534 | 349,319 | 437,609 | 461,600 | 615,918 | 617,223 | 708,108 | 677,503 | 810,018 | 833,363 |
| All other.....lbs.. | 5,062,736 | 4,215,146 | a..... | a..... | a..... | a..... | a..... | a..... | a..... | a..... |
| **Spices, not elsewhere specified**.....lbs.. | 539,269 | 639,440 | 693,609 | 667,624 | 760,538 | 704,433 | 994,711 | 1,769,626 | 2,381,248 | 2,488,466 |
| **SPIRITS, DISTILLED:** | | | | | | | | | | |
| Brandy.....proof galls.. | 506,681 | 803,945 | 482,611 | 421,141 | 416,899 | 400,089 | 461,257 | 443,278 | 333,234 | 236,302 |
| All other.....proof galls.. | 1,171,951 | 1,012,777 | 1,011,290 | 1,101,349 | 1,152,944 | 1,127,458 | 1,139,981 | 1,218,802 | 987,656 | 1,024,751 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SUGAR, MOLASSES, AND CONFECTIONERY: | | | | | | | | | | |
| Molasses.....galls.. | 33, 965, 298 | 31, 321, 244 | 39, 018, 637 | 37, 894, 126 | 35, 529, 957 | 26, 976, 411 | 31, 415, 800 | b4, 490, 912 | c..... | c..... |
| Sugar, Dutch standard in color— | | | | | | | | | | |
| Not above No. 13, and tank bottoms, sirups, melada, etc...lbs.. | 2,630,852,807 | 2,548,210,588 | 2,498,192,849 | 2,918,103,240 | 2,471,707,644 | 2,518,632,660 | 2,709,337,634 | d1,834,930,895 | c..... | c..... |
| Above No. 13, and not above No. 20.....lbs.. | 768, 882 | 12, 271 | 59, 886 | 25, 043 | 27, 484 | 223, 331 | 145, 727 | d76, 296 | ..... | ..... |
| All above No. 20 .....lbs.. | 136, 580 | 9, 241 | 5, 855 | 24, 122 | 8, 641 | 22, 293 | 71, 188 | | | |
| Above No. 16.....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | b4, 140, 143 | 14, 880, 402 | 33, 405, 081 |
| TOBACCO, AND MANUFACTURES OF: | | | | | | | | | | |
| Leaf— | | | | | | | | | | |
| Suitable for cigar wrappers.lbs.. | 12, 855, 017 | 12, 924, 265 | 15, 695, 670 | 17, 519, 194 | 18, 600, 142 | 20, 106, 881 | 28, 720, 674 | 32, 277 | 3, 073, 175 | 5, 919, 203 |
| Other.....lbs.. | | | | | | | | 23, 028, 731 | 18, 915, 360 | 22, 191, 175 |
| Manufactures of— | | | | | | | | | | |
| Cigars, cigarettes, and cheroots, .....lbs.. | 891, 769 | 919, 984 | 1, 016, 033 | 1, 115, 491 | 1, 153, 468 | 1, 232, 619 | 1, 250, 217 | 885, 139 | 658, 169 | 654, 287 |
| VEGETABLES: | | | | | | | | | | |
| Beans and peas .....bush.. | 365, 367 | 284, 770 | 649, 002 | 643, 388 | 1, 942, 864 | 765, 483 | 1, 250, 287 | 1, 656, 768 | 874, 050 | 1, 754, 943 |
| Potatoes .....bush.. | 425, 408 | 658, 633 | 1, 937, 416 | 1, 432, 490 | 8, 259, 538 | 883, 380 | 3, 415, 578 | 5, 401, 912 | 186, 871 | 4, 317, 021 |
| WINES: | | | | | | | | | | |
| Still wines— | | | | | | | | | | |
| In casks .....galls.. | 2, 774, 771 | 3, 419, 532 | 3, 787, 420 | 3, 383, 593 | 3, 333, 322 | 3, 078, 554 | 3, 485, 792 | 3, 860, 503 | 3, 477, 989 | 3, 525, 625 |
| In bottles .....doz.. | 251, 489 | 289, 381 | 258, 153 | 253, 132 | 284, 174 | 260, 026 | 329, 604 | 348, 666 | 365, 140 | 413, 860 |
| Champagne and other sparkling.doz.. | 201, 414 | 228, 580 | 238, 604 | 255, 656 | 274, 914 | 315, 870 | 354, 350 | 400, 084 | 319, 592 | 374, 124 |
| WOOD, NOT ELSEWHERE SPECIFIED, AND MANUFACTURES OF: | | | | | | | | | | |
| Boards, planks, deals, and other sawed lumber.....M feet.. | 600, 762 | 555, 582 | 547, 832 | 559, 236 | 608, 743 | 648, 174 | 660, 327 | 757, 244 | 663, 253 | 742, 597 |
| Shingles.....M.. | 86, 219 | 69, 511 | 79, 150 | 89, 169 | 161, 715 | 214, 546 | 194, 168 | 260, 652 | 363, 027 | 459, 044 |

a Not stated.

b For the nine months ending March 31, 1891; for the remaining period see "Molasses," free of duty.

c See sugar and molasses free of duty.

d For the nine months ending March 31, 1891; for the remaining period see "Sugar, etc.," free of duty.

e From April 1, 1891.

## No. 159.—QUANTITIES OF THE PRINCIPAL ARTICLES OF MERCHANDISE IMPORTED, ETC., FROM 1883 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| WOOLS, HAIR OF THE CAMEL, GOAT, ALPACA, AND OTHER LIKE ANIMALS, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Clothing wools (Class 1) ....lbs.. | 21,175,228 | 11,475,889 | 40,968,537 | 17,963,982 | 23,039,679 | 29,224,822 | 16,649,480 | 32,230,935 | 50,262,796 | 43,311,565 |
| Combing wools (Class 2)....lbs.. | 4,414,253 | 2,780,751 | 7,198,534 | 10,721,753 | 5,639,528 | 6,871,666 | 7,658,806 | 6,667,023 | 5,826,574 | 6,736,201 |
| Carpet and other similar wools (Class 3) .....lbs.. | 52,761,170 | 56,339,530 | 80,917,887 | 85,352,295 | 84,879,546 | 90,391,541 | 81,122,999 | 90,405,690 | 92,581,282 | 122,386,072 |
| Manufactures of— | | | | | | | | | | |
| Carpets and carpeting ..sq. yds.. | 953,675 | 799,617 | 947,597 | 960,775 | 892,981 | 601,987 | 605,593 | 658,006 | 622,892 | 688,364 |
| Cloths .....lbs.. | 10,340,622 | 8,045,656 | 8,242,470 | 9,060,132 | 9,989,702 | 8,852,542 | 16,847,562 | 12,109,825 | 13,813,276 | 18,206,001 |
| Dress goods, women's and children's.....sq. yds.. | 59,432,436 | 59,598,880 | 68,657,750 | 78,042,186 | 85,630,007 | 91,284,188 | 116,992,488 | 86,644,096 | 78,573,033 | 82,282,769 |
| Rags, mungo, flocks, noils, shoddy, and wastes..... lbs.. | 1,316,083 | 700,231 | 3,059,214 | 4,834,636 | 4,483,325 | 8,662,209 | 4,980,327 | 1,185,591 | 262,992 | 333,376 |
| Yarns.....lbs.. | 1,471,363 | 813,509 | 4,459,787 | 2,912,729 | 3,740,604 | 3,616,326 | 3,473,219 | 2,004,093 | 1,267,128 | 1,175,077 |
| ZINC OR SPELTER, AND MANUFACTURES OF: | | | | | | | | | | |
| In blocks or pigs, and old.....lbs.. | 5,363,062 | 3,598,083 | 3,743,112 | 8,006,372 | 5,528,017 | 2,991,991 | 2,215,182 | 1,541,836 | 494,980 | 572,706 |

## No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED FROM THE UNITED STATES, DURING THE TEN YEARS FROM 1884 TO 1893, INCLUSIVE.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| AGRICULTURAL IMPLEMENTS: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Horse powers | 28, 622 | 26, 558 | 7, 237 | 19, 799 | 4, 913 | 15, 974 | 3, 474 | 7, 616 | [a] | [a] |
| Mowers and reapers, and parts of | 2, 096, 298 | 1, 348, 282 | 1, 281, 140 | 1, 242, 614 | 1, 463. 254 | 1, 987, 053 | 2, 092, 638 | 1, 579, 976 | 2, 372, 938 | 2, 873, 897 |
| Plows and cultivators, and parts of | 352, 304 | 352, 787 | 321, 779 | 346, 607 | 509, 044 | 705, 262 | 878, 784 | 596, 728 | 397, 735 | 644, 390 |
| All other, and parts of | 965, 543 | 834, 025 | 757, 102 | 529, 378 | 667, 976 | 915, 480 | 884, 288 | 1, 034, 810 | 1, 024, 310 | 1, 139, 046 |
| Total | 3, 442, 767 | 2, 561, 602 | 2, 367, 258 | 2, 138, 398 | 2, 645, 187 | 3, 623, 769 | 3, 859, 184 | 3, 219, 130 | 3, 794, 983 | 4, 657, 333 |
| ANIMALS: | | | | | | | | | | |
| Cattle | 17, 855, 495 | 12, 906, 690 | 10, 956, 954 | 9, 172, 136 | 11, 577, 578 | 16, 616, 917 | 31, 261, 131 | 30, 445, 249 | 35, 099, 095 | 26, 032, 428 |
| Hogs | 627, 480 | 579, 183 | 674, 297 | 564, 753 | 193, 017 | 356, 764 | 909, 042 | 1, 146, 630 | 364, 081 | 397, 162 |
| Horses | 434, 317 | 377, 692 | 348, 328 | 351, 607 | 412, 774 | 592, 469 | 680, 410 | 784, 908 | 611, 188 | 718, 607 |
| Mules | 490, 809 | 127, 580 | 148, 711 | 214, 738 | 378, 765 | 356, 333 | 447, 108 | 278, 658 | 238, 591 | 210, 278 |
| Sheep | 859, 146 | 512, 568 | 329, 844 | 254, 725 | 280, 490 | 366, 181 | 243, 077 | 261, 109 | 161, 105 | 126, 394 |
| All other, and fowls | 45, 282 | 63, 368 | 58, 531 | 40, 403 | 42, 466 | 86, 141 | 97, 360 | 18, 532 | 24, 161 | 43, 116 |
| Total | 20, 293, 529 | 14, 567, 081 | 12, 518, 660 | 10, 598, 362 | 12, 885, 090 | 18, 374, 805 | 33, 638, 128 | 32, 935, 086 | 36, 498, 221 | 27, 527, 985 |
| Art works: Paintings and statuary | 176, 389 | 227, 270 | 135, 684 | 221, 372 | 271, 010 | 694, 413 | 238, 082 | 406, 374 | 422, 238 | 210, 892 |
| Bark, and extract of, for tanning | 292, 851 | 346, 218 | 283, 086 | 239, 700 | 254, 204 | 270, 885 | 263, 754 | 241, 382 | 239, 708 | 282, 269 |
| Billiard and pool tables and apparatus | 55, 631 | 49, 709 | 31, 078 | 34, 021 | 31, 670 | 34, 888 | 42, 466 | 49, 224 | [b] | |
| Blacking | 187, 335 | 159, 875 | 174, 604 | 195, 197 | 191, 976 | 182, 188 | 238, 391 | 219, 903 | 221, 116 | 241, 906 |
| Bones, hoofs, horns and horn tips, strips, and waste | 199, 242 | 157, 973 | 127, 735 | 162, 958 | 193, 176 | 242, 429 | 271, 533 | 335, 710 | 218, 639 | 319, 848 |
| Books, maps, engravings, and other printed matter | 1, 414, 951 | 1, 289, 350 | 1, 314, 639 | 1, 546, 985 | 1, 734, 571 | 1, 712, 079 | 1, 886, 094 | 1, 820, 476 | 1, 943, 228 | 1, 808, 873 |
| Brass, and manufactures of | 301, 014 | 538, 118 | 150, 807 | 228, 341 | 308, 124 | 321, 187 | 467, 313 | 296, 349 | 528, 756 | 519, 435 |
| BREADSTUFFS: | | | | | | | | | | |
| Barley | 403, 622 | 346, 302 | 166, 330 | 853, 405 | 317, 239 | 853, 490 | 754, 605 | 669, 203 | 1, 751, 445 | 1, 468, 843 |
| Bread and biscuit | 847, 671 | 702, 027 | 725, 476 | 659, 924 | 658, 589 | 749, 652 | 766, 476 | 838, 343 | 775, 596 | 752, 353 |
| Corn | 27, 648, 044 | 28, 603, 863 | 31, 730, 922 | 19, 347, 361 | 13, 355, 950 | 32, 982, 277 | 42, 658, 015 | 17, 652, 687 | 41, 590, 460 | 24, 587, 511 |

[a] Included in "All other agricultural implements, etc." [b] Included in "All other manufactured articles."

## No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| BREADSTUFFS—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Corn meal | 818,739 | 816,459 | 858,370 | 705,343 | 765,036 | 870,485 | 896,879 | 946,977 | 919,961 | 793,081 |
| Oats | 700,694 | 1,589,646 | 1,944,772 | 179,634 | 143,284 | 245,562 | 4,510,055 | 405,708 | 3,842,559 | 951,920 |
| Oatmeal | 771,471 | 1,036,011 | 755,973 | 456,023 | 130,488 | 273,173 | 784,879 | 221,316 | 555,957 | 160,660 |
| Rye | 4,323,105 | 2,000,294 | 133,105 | 216,190 | 50,705 | 158,917 | 1,279,814 | 212,161 | 11,432,160 | 1,002,796 |
| Rye flour | 18,876 | 15,937 | 12,733 | 11,781 | 10,068 | 13,370 | 13,782 | 18,185 | 22,461 | 10,290 |
| Wheat | 75,026,678 | 72,933,097 | 50,262,715 | 90,716,481 | 56,241,468 | 41,652,701 | 45,275,906 | 51,420,272 | 161,399,132 | 93,534,970 |
| Wheat flour | 51,139,696 | 53,146,336 | 38,442,955 | 51,950,962 | 54,777,719 | 45,296,485 | 57,036,168 | 54,705,616 | 75,362,283 | 75,494,347 |
| All other breadstuffs, and preparations of, used as food | 846,119 | 780,855 | 813,207 | 672,438 | 741,150 | 780,549 | 949,348 | 1,630,683 | 1,711,103 | 1,555,883 |
| Total | 162,544,715 | 160,370,821 | 125,846,558 | 165,768,662 | 127,191,687 | 123,876,661 | 154,925,827 | 128,121,656 | 299,363,117 | 200,312,654 |
| BRICKS: | | | | | | | | | | |
| Building | 60,702 | 45,181 | 35,579 | 45,557 | 31,728 | 24,886 | 55,475 | 52,830 | 34,288 | 77,846 |
| Fire | 41,012 | 31,058 | 41,343 | 47,427 | 47,102 | 46,029 | 43,818 | 46,345 | 53,414 | 118,313 |
| Total | 101,714 | 76,239 | 76,922 | 92,984 | 78,830 | 70,915 | 99,293 | 99,175 | 87,702 | 196,159 |
| Broom corn | 163,444 | 154,257 | 134,185 | 170,534 | 160,651 | 152,542 | 111,147 | 172,191 | 218,133 | 163,105 |
| Brooms and brushes | 170,795 | 174,146 | 154,992 | 172,883 | 164,433 | 155,551 | 151,128 | 150,609 | 181,110 | 241,343 |
| Candles | 240,500 | 256,719 | 176,124 | 187,077 | 147,331 | 138,367 | 143,073 | 149,112 | 165,983 | 155,403 |
| Carriages and horse cars, and parts of | 1,582,459 | 1,495,475 | 1,340,198 | 1,454,101 | 1,881,291 | 1,664,284 | 2,056,980 | 2,015,870 | 1,944,170 | 1,605,801 |
| Cars, passenger and freight, for steam railroads | 1,444,039 | 869,058 | 587,692 | 653,298 | 862,465 | 1,426,237 | 2,689,696 | 2,885,250 | 1,320,265 | 969,871 |
| Casings for sausages | 499,134 | 642,364 | 700,382 | 538,236 | 766,186 | 510,114 | 697,772 | 841,075 | 878,675 | 1,409,289 |
| CHEMICALS, DRUGS, DYES, AND MEDICINES: | | | | | | | | | | |
| Acids | 128,616 | 123,589 | 85,753 | 91,627 | 104,790 | 79,354 | 96,084 | 121,851 | 107,480 | 91,264 |
| Ashes, pot and pearl | 41,436 | 37,782 | 30,792 | 35,050 | 27,943 | 34,114 | 26,211 | 24,432 | 99,566 | 31,775 |
| Dyes and dyestuffs | 675,492 | 656,148 | 638,457 | 786,623 | 966,080 | 770,033 | 717,128 | 660,590 | 597,016 | 679,373 |
| Ginseng | 614,995 | 751,168 | 998,332 | 689,735 | 557,358 | 634,091 | 605,233 | 959,992 | 803,529 | 792,928 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Medicines, patent or proprietary | 1,340,583 | 1,317,483 | 1,344,665 | 1,447,067 | 1,545,514 | 1,796,202 | 1,741,925 | 1,880,728 | 1,842,889 | 1,866,061 |
| Roots, herbs, and barks, not elsewhere specified | 45,422 | 116,695 | 114,447 | 145,113 | 137,756 | 115,831 | 194,992 | 178,581 | 198,744 | 194,715 |
| All other | 1,847,842 | 1,793,328 | 2,101,022 | 2,145,265 | 2,194,531 | 2,113,128 | 2,340,931 | 2,719,180 | 3,044,631 | 3,097,952 |
| Total | 4,694,386 | 4,806,198 | 5,313,468 | 5,340,480 | 5,633,972 | 5,542,753 | 6,224,504 | 6,545,354 | 6,693,855 | 6,754,068 |
| CLOCKS AND WATCHES: | | | | | | | | | | |
| Clocks, and parts of | 1,168,484 | 1,209,048 | 1,110,273 | 1,104,107 | 1,123,890 | 1,149,289 | 1,344,047 | 1,304,457 | 1,020,878 | 962,423 |
| Watches, and parts of | 191,206 | 136,892 | 255,887 | 288,540 | 405,726 | 206,030 | 351,089 | 275,707 | 208,743 | 241,758 |
| Total | 1,359,690 | 1,345,940 | 1,366,160 | 1,392,647 | 1,529,606 | 1,355,319 | 1,695,136 | 1,580,164 | 1,229,616 | 1,204,181 |
| COAL: | | | | | | | | | | |
| Anthracite | 3,053,550 | 2,586,421 | 2,707,590 | 2,822,833 | 4,022,340 | 4,217,008 | 3,319,726 | 3,796,495 | 3,419,660 | 4,854,604 |
| Bituminous | 1,977,959 | 1,989,541 | 1,480,940 | 1,703,492 | 2,273,040 | 2,473,476 | 3,536,863 | 4,594,531 | 5,229,498 | 5,149,534 |
| Total | 5,031,509 | 4,575,962 | 4,188,530 | 4,526,325 | 6,295,380 | 6,690,479 | 6,856,088 | 8,391,026 | 8,649,158 | 10,004,138 |
| Coffee and cocoa, ground or prepared, and chocolate | 66,943 | 106,625 | 66,469 | 77,412 | 121,367 | 94,023 | 93,735 | 86,996 | 70,651 | 93,292 |
| COPPER, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore | 2,930,895 | 4,739,601 | 3,068,879 | 1,693,924 | 5,064,687 | 7,513,258 | 6,053,286 | 7,260,893 | 6,036,777 | 4,591,338 |
| Ingots, bars, and old | 2,505,279 | 5,328,903 | 2,484,823 | 1,917,828 | 3,709,406 | 2,155,576 | 2,220,097 | 4,413,704 | 6,934,349 | 4,187,510 |
| Sheets | 22,550 | 10,984 | 9,075 | 30,072 | 3,321 | 5,157 | 19,178 | 10,759 | 292,043 | 338,063 |
| All other manufactures of | 137,135 | 107,536 | 108,971 | 85,623 | 100,071 | 188,221 | 110,117 | 190,134 | | |
| Total copper, etc., not including ore | 2,664,964 | 5,447,423 | 2,602,869 | 2,033,523 | 3,812,798 | 2,348,954 | 2,349,392 | 4,614,597 | 7,226,392 | 4,525,573 |
| COTTON, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Sea island | 1,169,673 | 1,635,635 | 1,176,025 | 1,798,272 | 1,672,828 | 1,891,495 | 2,280,717 | 3,062,908 | 1,591,404 | 1,758,756 |
| Other | 195,854,531 | 200,276,823 | 203,909,617 | 204,423,785 | 221,343,932 | 236,383,775 | 248,688,075 | 287,649,930 | 256,869,777 | 187,012,689 |
| Total unmanufactured | 197,015,204 | 201,962,458 | 205,085,642 | 206,222,057 | 223,016,760 | 237,775,270 | 250,968,792 | 290,712,898 | 258,461,241 | 188,771,445 |
| Manufactures of— | | | | | | | | | | |
| Cloths— | | | | | | | | | | |
| Colored | 2,579,866 | 2,290,567 | 3,149,091 | 4,003,772 | 3,522,612 | 2,885,373 | 2,886,435 | 2,590,934 | 2,484,360 | 2,802,462 |
| Uncolored | 7,503,361 | 7,919,670 | 9,231,170 | 9,256,486 | 7,812,947 | 5,577,401 | 5,480,403 | 9,277,112 | 8,673,663 | 6,306,022 |
| Total | 10,083,227 | 10,150,237 | 12,380,261 | 13,260,258 | 11,335,559 | 8,462,774 | 8,366,838 | 11,868,046 | 11,158,023 | 9,108,484 |

## No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| COTTON, AND MANUFACTURES OF—Continued. | | | | | | | | | | |
| Manufactures of—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Wearing apparel | 349,270 | 267,775 | 435,536 | 442,757 | 317,652 | 301,803 | 240,796 | 278,169 | 433,102 | 452,356 |
| All other | 1,452,714 | 1,418,579 | 1,144,137 | 1,226,327 | 1,359,978 | 1,448,067 | 1,391,642 | 1,458,642 | 1,635,152 | 2,248,515 |
| Total manufactures | 11,885,211 | 11,836,591 | 13,959,934 | 14,929,342 | 13,013,189 | 10,212,644 | 9,999,277 | 13,604,857 | 13,226,277 | 11,809,355 |
| EARTHEN, STONE, AND CHINA WARE: | | | | | | | | | | |
| Earthen and stone ware | 228,387 | 127,054 | 150,272 | 246,897 | 174,729 | 150,326 | 156,346 | 146,194 | 223,607 | 207,217 |
| Chinaware | 7,860 | 8,331 | 13,636 | 19,087 | 27,052 | 17,413 | 19,131 | 13,332 | 13,824 | 19,589 |
| Total | 236,247 | 135,385 | 163,908 | 265,984 | 201,781 | 167,739 | 175,477 | 159,526 | 237,431 | 226,806 |
| Eggs | 62,759 | 51,832 | 46,105 | 60,686 | 66,724 | 75,936 | 58,675 | 64,259 | 32,374 | 33,207 |
| FANCY ARTICLES: | | | | | | | | | | |
| Perfumery and cosmetics | 403,205 | 286,231 | 313,943 | 322,059 | 391,956 | 439,794 | 430,151 | 450,663 | 404,706 | 345,041 |
| Toys | 93,080 | 73,648 | 65,452 | 70,076 | 61,293 | 36,884 | 56,598 | 61,166 | 124,869 | 109,890 |
| All other | 651,895 | 518,956 | 559,698 | 516,850 | 464,731 | 666,025 | 558,615 | 624,278 | a | a |
| Total | 1,148,180 | 878,835 | 939,093 | 908,985 | 917,980 | 1,142,703 | 1,045,364 | 1,136,107 | 529,575 | 454,931 |
| Fertilizers | 1,096,021 | 910,778 | 1,107,657 | 1,397,534 | 1,255,028 | 988,569 | 1,618,681 | 2,182,274 | 2,657,120 | 3,927,343 |
| FISH: | | | | | | | | | | |
| Fresh, other than salmon | 62,009 | 33,350 | 29,734 | 14,751 | 28,965 | 27,151 | 48,086 | 40,084 | 66,498 | 100,656 |
| Dried, smoked, or cured— | | | | | | | | | | |
| Codfish, including haddock, hake, and pollock | 734,946 | 724,858 | 602,934 | 587,082 | 819,559 | 754,619 | 793,186 | 890,277 | 765,199 | 728,475 |
| Herring | 415,006 | 354,257 | 287,377 | 265,130 | 79,539 | 80,281 | 103,091 | 105,260 | 82,772 | 93,412 |
| Other | | | | | 89,303 | 106,832 | 83,968 | 80,844 | 85,353 | 88,258 |
| Pickled— | | | | | | | | | | |
| Mackerel | 107,950 | 139,663 | 143,847 | 106,967 | 71,149 | 18,876 | 15,512 | 37,128 | 47,108 | 33,480 |
| Herring | 188,946 | 170,507 | 144,341 | 109,652 | 22,146 | 17,756 | 9,614 | 12,352 | 11,481 | 8,660 |
| Other | | | | | 63,159 | 99,977 | 110,910 | 147,319 | 158,162 | 139,272 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Salmon— | | | | | | | | | | |
| Canned | 2,823,026 | 2,260,567 | 1,875,109 | 1,719,685 | 1,608,815 | 3,364,560 | 3,259,344 | 2,096,957 | 1,738,465 | 2,279,625 |
| Other | 110,531 | 83,114 | 43,450 | 78,208 | 61,046 | 54,173 | 69,042 | 83,993 | 78,680 | 49,230 |
| Fish, all other | b | b | b | b | 191,453 | 251,583 | 338,596 | 347,406 | 362,745 | 328,829 |
| Shellfish— | | | | | | | | | | |
| Oysters | 572,487 | 715,619 | 732,019 | 733,973 | 858,652 | 834,171 | 837,239 | 817,108 | 744,271 | 625,079 |
| Other | 228,030 | 411,994 | 350,090 | 350,270 | 284,144 | 359,256 | 372,238 | 337,893 | 382,029 | 275,798 |
| Total | 4,742,931 | 4,892,919 | 4,208,901 | 3,965,718 | 4,177,930 | 5,969,235 | 6,040,826 | 4,996,621 | 4,522,763 | 4,750,769 |
| FLAX, HEMP, AND JUTE, MANUFACTURES OF: | | | | | | | | | | |
| Bags | 529,217 | 396,615 | 372,859 | 388,322 | 235,351 | 254,131 | 337,955 | 133,880 | 498,459 | 451,436 |
| Cordage | 672,142 | 624,372 | 659,122 | 699,161 | 733,050 | 864,898 | 1,127,678 | 892,379 | 660,493 | 430,268 |
| Twine | 128,688 | 182,045 | 205,493 | 168,485 | 270,478 | 363,611 | 483,827 | 336,029 | 621,479 | 767,545 |
| All other | 67,725 | 109,108 | 164,132 | 146,150 | 152,337 | 161,845 | 145,347 | 142,452 | 218,232 | 129,497 |
| Total | 1,397,772 | 1,314,140 | 1,401,606 | 1,402,118 | 1,391,216 | 1,644,485 | 2,094,807 | 1,504,740 | 1,998,663 | 1,778,746 |
| FRUITS, INCLUDING NUTS: | | | | | | | | | | |
| Apples, dried | 394,350 | 1,062,859 | 543,434 | 413,363 | 812,682 | 1,201,070 | 1,038,682 | 409,605 | 1,288,102 | 482,085 |
| Apples, green or ripe | 422,447 | 1,572,126 | 1,810,606 | 1,382,872 | 1,378,801 | 2,249,375 | 1,231,436 | 476,897 | 2,407,956 | 1,097,967 |
| Fruits, preserved— | | | | | | | | | | |
| Canned | 495,143 | 473,944 | 580,422 | 506,794 | 834,668 | 915,341 | 698,321 | 703,880 | 1,558,820 | 1,137,660 |
| Other | 53,361 | 37,239 | 28,339 | 29,489 | 58,630 | 52,048 | 59,401 | 93,996 | 214,738 | 224,381 |
| All other green, ripe, or dried | 381,117 | 369,540 | 340,507 | 337,447 | 397,643 | 621,390 | 1,003,846 | 699,798 | 1,095,845 | 881,804 |
| Nuts | 4,619 | 449 | 1,767 | | 27,784 | 32,360 | 27,861 | 50,617 | 60,684 | 94,902 |
| Total | 1,751,037 | 3,516,157 | 3,300,075 | 2,669,965 | 3,510,208 | 5,071,584 | 4,059,547 | 2,434,793 | 6,626,145 | 3,918,799 |
| Furs and fur skins | 3,998,182 | 4,153,287 | 3,321,102 | 4,907,277 | 4,777,246 | 5,034,435 | 4,661,934 | 3,236,705 | 3,586,339 | 3,699,579 |
| GLASS AND GLASSWARE: | | | | | | | | | | |
| Window glass | 18,665 | 10,055 | 8,246 | 15,955 | 10,733 | 16,864 | 8,910 | 11,244 | 10,238 | 10,229 |
| All other | 821,091 | 773,860 | 765,632 | 867,549 | 870,895 | 877,336 | 873,767 | 857,130 | 932,064 | 963,598 |
| Total | 839,756 | 783,915 | 773,878 | 883,504 | 881,628 | 894,200 | 882,677 | 868,374 | 942,302 | 973,827 |
| Glucose or grape sugar | 212,628 | 60,078 | 67,775 | 118,620 | 163,573 | 748,560 | 855,176 | 1,394,181 | 2,272,779 | 2,204,216 |
| Glue | 36,386 | 34,988 | 42,137 | 39,773 | 46,773 | 72,283 | 88,484 | 110,292 | 66,403 | 74,722 |
| Grease, grease scraps, and all soap stock | 715,650 | 712,855 | 921,337 | 849,908 | 924,777 | 827,876 | 1,506,819 | 2,038,886 | 1,298,598 | 1,067,723 |

a Included in "All other manufactured articles."

b Not specified prior to 1888.

No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 to 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| GUNPOWDER AND OTHER EXPLOSIVES: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Gunpowder | 294, 620 | 185, 868 | 97, 809 | 68, 181 | 123, 346 | 135, 118 | 95, 348 | 88, 676 | 108, 276 | 105, 547 |
| All other | 883, 302 | 1, 181, 355 | 513, 521 | 490, 904 | 525, 270 | 750, 519 | 773, 380 | 906, 870 | 752, 079 | 755, 966 |
| Total | 1, 177, 922 | 1, 367, 223 | 611, 330 | 559, 085 | 648, 616 | 885, 637 | 868, 728 | 995, 546 | 860, 355 | 861, 513 |
| Hair, and manufactures of | 640, 939 | 571, 290 | 407, 672 | 335, 548 | 311, 279 | 388, 781 | 344, 558 | 394. 544 | 370, 160 | 459, 648 |
| Hay | 309, 781 | 204, 705 | 237, 902 | 218, 006 | 328, 819 | 388, 777 | 567, 558 | 470, 228 | 582, 838 | 519, 640 |
| Hides and skins, other than furs | 1, 304, 329 | 1, 822, 058 | 873, 925 | 765, 655 | 673, 322 | 909, 798 | 1, 828, 635 | 1, 333, 655 | 1, 223, 895 | 1, 497, 003 |
| Honey | 68, 764 | 224, 212 | 44, 785 | 67, 154 | 7, 579 | 93, 888 | 113, 101 | 83, 325 | 78, 048 | 15, 115 |
| Hops | 3, 265, 211 | 1, 391, 854 | 1, 714, 488 | 54, 970 | 1, 203, 060 | 2, 823, 832 | 1, 110, 571 | 2, 827, 474 | 2, 420, 502 | 2, 695, 867 |
| Ice | 85, 307 | 89, 420 | 86, 277 | 93, 270 | 86, 844 | 86, 402 | 111, 762 | 91, 493 | 53, 814 | 41, 702 |
| INDIA RUBBER AND GUTTA-PERCHA, MANUFACTURES OF: | | | | | | | | | | |
| Boots and shoes | 57. 047 | 89, 216 | 74, 947 | 81, 190 | 77, 078 | 86, 405 | 142, 055 | 141, 679 | 183, 570 | 252, 391 |
| All other | 577, 999 | 596, 940 | 589, 357 | 753, 114 | 789, 789 | 745, 343 | 941, 252 | 1, 094, 764 | 1, 232, 497 | 1, 357, 015 |
| Total | 635, 046 | 686, 156 | 664, 304 | 834, 304 | 866, 867 | 831, 748 | 1, 090, 307 | 1, 236, 443 | 1, 416, 067 | 1, 609, 406 |
| Ink, printers' and other | 80, 750 | 86, 114 | 91, 644 | 105, 785 | 124, 670 | 129, 698 | 144, 057 | 122, 235 | 145, 886 | 118, 480 |
| Instruments and apparatus for scientific purposes, including telegraph, telephone, and other electric | 557, 424 | 449, 587 | 479, 536 | 599, 262 | 714, 514 | 1, 033, 388 | 1, 429, 785 | 1, 575, 444 | 1, 388, 117 | 1, 345, 621 |
| IRON AND STEEL, AND MANUFACTURES OF: | | | | | | | | | | |
| Iron ore | 12, 081 | 12, 891 | 9, 921 | 5, 069 | 4, 994 | 32 | ..... | ..... | ..... | ..... |
| Pig iron | 96, 255 | 102, 888 | 144, 853 | 142, 949 | 174, 414 | 228, 945 | 300, 832 | 221, 342 | 289, 915 | 335, 239 |
| Band, hoop, and scroll iron | 9, 101 | 7, 705 | 16, 457 | 12, 302 | 4, 152 | 1, 478 | 620 | 6, 170 | 4, 145 | 7, 867 |
| Bar iron | 73, 942 | 43, 605 | 37, 039 | 56, 887 | 42, 433 | 48, 539 | 65, 328 | 96, 586 | 80, 698 | 68, 656 |
| Car wheels | 135, 123 | 92, 698 | 86, 610 | 98, 865 | 108, 882 | 74, 465 | 103, 782 | 106, 152 | 103, 228 | 106, 402 |
| Castings, not elsewhere specified | 371, 698 | 386, 179 | 244, 720 | 267, 160 | 264, 492 | 370, 070 | 653, 102 | 857, 280 | 789, 146 | 570, 841 |
| Cutlery | 103, 127 | 91, 290 | 111, 715 | 136, 546 | 115, 406 | 102, 252 | 102, 851 | 146, 324 | 140, 865 | 148, 559 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Firearms | 1,266,831 | 1,700,655 | 1,778,660 | 664,288 | 593,331 | 830,983 | 797,564 | 859,123 | 858,628 | 723,271 |
| Ingots, bars, and rods of steel | 22,798 | 15,674 | 18,198 | 10,624 | 14,161 | 22,968 | 15,884 | 29,347 | 25,381 | 22,201 |
| Locks, hinges, and other builders' hardware | 920,283 | 1,156,654 | 1,285,285 | 1,357,332 | 1,442,635 | 1,700,390 | 1,985,794 | 2,014,882 | 2,309,688 | 2,648,919 |
| Machinery, not elsewhere specified | 5,256,431 | 3,794,795 | 3,685,220 | 4,607,714 | 5,519,893 | 7,166,748 | 8,954,776 | 9,831,908 | 10,229,293 | 10,467,091 |
| Nails and spikes— | | | | | | | | | | |
| Cut | 306,625 | 246,385 | 294,264 | 317,675 | 310,197 | 290,757 | 311,250 | 283,839 | 273,191 | 230,554 |
| Wire, wrought, horseshoe, and all other, including tacks | | | | | 155,403 | 157,389 | 160,510 | 136,858 | 160,239 | 158,093 |
| Plates and sheets— | | | | | | | | | | |
| Of iron | 27,581 | 31,764 | 24,377 | 65,106 | 198,224 | 28,620 | 39,032 | 44,048 | 16,641 | 65,768 |
| Of steel | 3,046 | 3,803 | 732 | 14,183 | 6,746 | 2,601 | 15,949 | 5,349 | 8,048 | 20,459 |
| Printing presses, and parts of | 208,465 | 177,111 | 194,772 | 162,754 | 186,989 | 223,990 | 317,336 | 285,740 | 409,220 | 205,805 |
| Railroad bars or rails— | | | | | | | | | | |
| Of iron | 31,545 | 42,284 | 5,481 | 18,396 | 2,575 | 240 | 31,023 | 6,373 | 8,007 | 11,113 |
| Of steel | 119,284 | 206,401 | 164,631 | 74,330 | 175,692 | 235,377 | 315,081 | 536,105 | 259,531 | 471,230 |
| Saws and tools | 1,290,448 | 1,108,474 | 1,181,056 | 1,305,706 | 1,659,727 | 1,980,878 | 1,865,603 | 1,844,290 | 1,900,444 | 1,902,423 |
| Scales and balances | 384,865 | 273,961 | 280,756 | 225,564 | 325,488 | 301,486 | 318,749 | 304,026 | 325,417 | 406,430 |
| Sewing machines, and parts of | 3,552,814 | 2,898,698 | 2,584,717 | 2,212,853 | 2,245,110 | 2,247,875 | 2,793,780 | 2,883,577 | 3,133,992 | 2,476,446 |
| Steam engines, and parts of— | | | | | | | | | | |
| Fire engines | 15,235 | 19,134 | 6,839 | 9,083 | 1,300 | 10,175 | 9,439 | 2,362 | 6,380 | 75 |
| Locomotive engines | 2,819,946 | 732,403 | 333,393 | 378,245 | 407,014 | 1,227,149 | 1,280,606 | 2,424,363 | 1,717,715 | 1,794,709 |
| Stationary engines | 171,040 | 137,675 | 123,270 | 213,060 | 197,040 | 183,473 | 305,478 | 217,387 | 227,257 | 254,398 |
| Boilers and parts of engines | 361,907 | 199,035 | 327,199 | 281,790 | 238,726 | 267,394 | 570,915 | 669,851 | 568,485 | 607,758 |
| Stoves and ranges, and parts of | 207,120 | 209,802 | 196,208 | 200,658 | 263,730 | 273,261 | 251,877 | 248,600 | 230,041 | 216,463 |
| Wire | 358,366 | 242,948 | 335,094 | 386,759 | 466,355 | 594,616 | 780,222 | 850,870 | 852,659 | 1,189,219 |
| All other manufactures of iron and steel | 3,796,000 | 2,670,134 | 2,283,974 | 2,742,708 | 2,642,127 | 2,644,013 | 3,194,825 | 3,988,012 | 3,877,676 | 4,896,401 |
| Total iron and steel, etc., not including iron ore | 21,909,881 | 16,592,155 | 15,745,569 | 15,958,502 | 17,768,084 | 21,156,077 | 25,542,208 | 28,909,614 | 28,800,930 | 30,106,482 |
| Jewelry, and manufactures of gold and silver | 553,325 | 380,520 | 385,411 | 474,324 | 439,417 | 916,264 | 662,759 | 832,440 | 1,026,188 | 881,893 |
| Lamps, chandeliers, and all devices and appliances for illuminating purposes | 490,491 | 522,497 | 546,022 | 541,872 | 570,036 | 509,002 | 523,021 | 509,518 | 538,304 | 561,358 |
| Lead, and manufactures of | 135,156 | 123,466 | 114,098 | 141,154 | 129,558 | 199,802 | 184,317 | 182,412 | 166,078 | 316,943 |

No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| LEATHER, AND MANUFACTURES OF: | | | | | | | | | | |
| Leather— | | | | | | | | | | |
| Buff, grain, splits, and all finished upper leather | *Dollars.* 2,062,651 | *Dollars.* 2,578,991 | *Dollars.* 2,405,456 | *Dollars.* 3,073,833 | *Dollars.* 2,849,208 | *Dollars.* 3,143,699 | *Dollars.* 4,249,110 | *Dollars.* 5,161,211 | *Dollars.* 3,880,475 | *Dollars.* 4,440,524 |
| Patent or enameled | 116,817 | 291,943 | 194,600 | 175,062 | 143,598 | 241,854 | 226,879 | 364,770 | 249,239 | 245,288 |
| Sole | 4,613,106 | 5,416,830 | 4,825,615 | 5,695,151 | 4,959,363 | 5,890,509 | 6,420,134 | 6,168,362 | 5,783,555 | 5,192,063 |
| All other | 230,996 | 251,615 | 126,863 | 225,473 | 470,876 | 239,015 | 279,028 | 329,102 | 605,094 | 817,409 |
| Manufactures of— | | | | | | | | | | |
| Boots and shoes | 602,925 | 398,151 | 648,069 | 732,517 | 654,896 | 585,902 | 662,974 | 651,343 | 914,974 | 590,754 |
| Harness and saddles | 215,750 | 178,411 | 190,894 | 193,153 | 195,527 | 245,943 | 238,952 | 260,233 | 251,269 | 182,546 |
| All other | 463,534 | 376,467 | 346,185 | 340,949 | 309,943 | 400,788 | 361,770 | 343,826 | 400,175 | 443,570 |
| Total | 8,305,779 | 9,692,408 | 8,737,682 | 10,436,138 | 9,583,411 | 10,747,710 | 12,438,847 | 13,278,847 | 12,084,781 | 11,912,154 |
| Lime and cement | 108,437 | 127,523 | 123,103 | 107,770 | 122,421 | 157,010 | 134,994 | 148,938 | 115,205 | 166,881 |
| MALT LIQUORS: | | | | | | | | | | |
| In bottles | 451,681 | 436,321 | 590,608 | 590,378 | 644,125 | 575,089 | 583,927 | 602,641 | 589,784 | 600,319 |
| Not in bottles | 73,089 | 55,097 | 76,755 | 66,335 | 42,717 | 50,307 | 70,481 | 69,602 | 68,150 | 65,219 |
| Total | 524,770 | 491,418 | 667,363 | 656,713 | 686,842 | 625,396 | 654,408 | 672,243 | 657,934 | 665,538 |
| MARBLE AND STONE, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured | 188,245 | 182,719 | 159,553 | 211,819 | 156,586 | 146,998 | 232,205 | 191,520 | 169,777 | 153,428 |
| Manufactures of— | | | | | | | | | | |
| Roofing slate | 79,464 | 51,011 | 123,565 | 61,047 | 97,707 | 109,896 | 94,048 | 84,408 | 57,514 | 52,012 |
| All other | 335,551 | 279,775 | 322,143 | 287,486 | 390,251 | 400,158 | 635,063 | 569,226 | 480,245 | 651,069 |
| Total | 603,260 | 513,505 | 605,261 | 560,352 | 644,544 | 657,052 | 961,316 | 845,154 | 707,536 | 856,509 |
| Matches | 106,809 | 69,840 | 82,204 | 77,379 | 72,371 | 61,171 | 62,284 | 73,220 | 73,666 | 67,974 |
| MUSICAL INSTRUMENTS: | | | | | | | | | | |
| Organs | 641,188 | 584,279 | 512,854 | 462,859 | 570,266 | 681,567 | 750,583 | 954,567 | 772,582 | 897,879 |
| Pianofortes | 300,626 | 244,382 | 228,601 | 260,554 | 208,765 | 191,316 | 213,369 | 214,309 | 246,425 | 760,447 |
| All other, and parts of | 137,304 | 112,683 | 129,991 | 108,424 | 129,509 | 125,185 | 141,182 | 157,573 | 145,649 | 165,799 |
| Total | 1,079,118 | 941,344 | 871,446 | 831,837 | 908,540 | 998,068 | 1,105,134 | 1,326,389 | 1,164,656 | 1,824,107 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NAVAL STORES: | | | | | | | | | | |
| Rosin | 2,909,074 | 2,198,267 | 1,963,091 | 2,301,636 | 2,273,963 | 2,120,422 | 2,762,373 | 3,467,199 | 3,418,459 | 3,333,367 |
| Tar | 91,284 | 66,449 | 36,208 | 39,772 | 39,783 | 41,988 | 56,105 | 39,094 | 52,417 | 40,244 |
| Turpentine and pitch | 118,842 | 29,847 | 32,906 | 29,270 | 36,066 | 25,966 | 35,087 | 17,180 | 18,336 | 20,254 |
| Spirits of turpentine | 3,885,500 | 2,690,231 | 2,811,777 | 3,489,895 | 3,580,106 | 3,777,535 | 4,590,231 | 4,668,140 | 4,800,721 | 3,893,486 |
| Total | 7,004,700 | 4,984,794 | 4,844,075 | 5,860,573 | 5,929,907 | 5,965,851 | 7,444,446 | 8,191,613 | 7,989,933 | 7,287,301 |
| Oakum | 27,301 | 34,238 | 27,757 | 26,257 | 32,513 | 40,258 | 32,021 | 35,106 | a | a |
| Oil cake and oil-cake meal | 7,115,153 | 6,674,466 | 7,053,714 | 7,309,691 | 6,423,936 | 6,927,912 | 7,999,986 | 7,452,094 | 9,713,204 | 9,688,773 |
| OILS: | | | | | | | | | | |
| Animal— | | | | | | | | | | |
| Lard | 504,218 | 555,426 | 500,011 | 519,274 | 509,514 | 542,897 | 663,343 | 562,986 | 496,601 | 336,613 |
| Whale and fish | 516,069 | 504,726 | 511,107 | 471,381 | 409,845 | 197,040 | 565,374 | 401,303 | 337,963 | 92,928 |
| Other | 150,118 | 75,836 | 218,643 | 291,396 | 414,622 | 377,919 | 457,926 | 317,594 | 144,119 | 106,275 |
| Total | 1,170,425 | 1,135,988 | 1,229,761 | 1,282,051 | 1,333,981 | 1,117,856 | 1,686,643 | 1,281,783 | 978,683 | 535,816 |
| Mineral, crude (including all natural oils, without regard to gravity) | 5,302,974 | 5,903,333 | 5,359,577 | 4,360,332 | 5,782,008 | 5,083,132 | 6,744,235 | 5,876,452 | 8,101,340 | 4,567,391 |
| Mineral, refined or manufactured— | | | | | | | | | | |
| Naphthas (including all lighter products of distillation) | 1,072,651 | 1,272,290 | 997,420 | 1,370,657 | 992,281 | 1,155,703 | 1,134,799 | 993,056 | 912,921 | 1,074,710 |
| Illuminating | 38,195,349 | 40,074,837 | 40,634,331 | 37,363,997 | 36,215,410 | 39,286,333 | 38,640,638 | 40,221,261 | 33,541,294 | 31,719,404 |
| Lubricating and heavy paraffin oil | 2,179,595 | 2,632,333 | 2,519,615 | 3,133,300 | 3,975,377 | 4,292,020 | 4,763,347 | 4,858,603 | 5,203,350 | 4,738,392 |
| Residuum (including tar and all other from which the light bodies have been distilled) | 352,679 | 374,114 | 168,901 | 156,579 | 77,333 | 96,489 | 120,070 | 77,422 | 46,657 | 41,661 |
| Total | 41,800,274 | 44,354,114 | 44,340,267 | 41,964,533 | 41,260,401 | 44,830,545 | 44,658,854 | 46,150,282 | 39,704,152 | 37,574,067 |
| Vegetable— | | | | | | | | | | |
| Cotton seed | 1,570,871 | 2,614,592 | 2,115,974 | 1,578,985 | 1,925,739 | 1,298,609 | 5,291,178 | 3,975,305 | 4,983,285 | 3,927,556 |
| Linseed | 47,696 | 38,220 | 41,963 | 57,186 | 52,049 | 42,759 | 55,036 | 48,267 | 54,029 | 54,356 |
| Volatile or essential— | | | | | | | | | | |
| Peppermint | 196,910 | 245,872 | 274,166 | 309,450 | 325,100 | 168,608 | 223,435 | 120,331 | 156,418 | 267,422 |
| Other | | | | | | | | 65,104 | 68,501 | 79,920 |
| Other | 37,045 | 33,583 | 43,519 | 65,689 | 56,890 | 55,812 | 102,792 | 93,429 | 78,731 | 236,101 |
| Total | 1,852,524 | 2,932,267 | 2,475,622 | 2,011,220 | 2,359,778 | 1,585,783 | 5,672,441 | 4,302,936 | 5,334,965 | 4,565,355 |

a Included in "All other manufactured articles."

No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Ore, gold and silver bearing | 1,052,341 | 122,629 | 84,160 | 79,555 | 107,878 | 80,961 | 1,973,976 | 84,542 | 39,326 | 225,524 |
| Paints and painters' colors | 477,469 | 351,507 | 358,536 | 452,388 | 492,709 | 507,749 | 578,103 | 690,698 | 709,857 | 700,308 |
| PAPER, AND MANUFACTURES OF: | | | | | | | | | | |
| Paper hangings | 84,710 | 102,018 | 77,122 | 105,214 | 75,212 | 78,424 | 99,501 | 93,798 | 61,360 | 71,106 |
| Writing paper and envelopes | 89,932 | 77,418 | 132,272 | 115,567 | 127,247 | 148,851 | 125,041 | 115,020 | 99,870 | 114,016 |
| All other | 755,179 | 793,057 | 897,221 | 897,757 | 866,102 | 963,760 | 1,002,144 | 1,090,351 | 1,221,021 | 1,355,764 |
| Total | 929,821 | 972,493 | 1,106,616 | 1,118,538 | 1,078,561 | 1,191,035 | 1,226,686 | 1,299,169 | 1,382,251 | 1,540,886 |
| Paraffin and paraffin wax | 1,263,197 | 1,725,344 | 1,729,313 | 2,032,713 | 2,168,247 | 2,029,602 | 2,408,709 | 3,714,649 | 3,965,263 | 4,515,534 |
| Plated ware | 463,762 | 509,378 | 436,965 | 547,408 | 551,069 | 587,163 | 440,714 | 414,719 | 369,478 | 322,016 |
| PROVISIONS, COMPRISING MEAT AND DAIRY PRODUCTS: | | | | | | | | | | |
| Meat products— | | | | | | | | | | |
| Beef products— | | | | | | | | | | |
| Beef, canned | 3,173,767 | 4,214,791 | 3,436,453 | 3,462,982 | 3,339,077 | 4,375,213 | 6,787,193 | 9,068,906 | 7,876,454 | 7,222,824 |
| Beef, fresh | 11,987,331 | 11,199,481 | 9,291,011 | 7,228,412 | 8,231,281 | 11,481,861 | 12,862,384 | 15,822,054 | 18,053,732 | 17,754,041 |
| Beef, salted or pickled | 3,202,275 | 3,619,145 | 3,544,379 | 1,972,246 | 2,608,479 | 3,043,234 | 5,250,068 | 5,048,758 | 3,987,829 | 3,185,321 |
| Beef, other cured | 67,758 | 73,895 | 89,593 | 17,942 | 8,579 | 17,819 | 9,223 | 147,518 | 92,524 | 87,776 |
| Tallow | 4,798,375 | 3,322,476 | 2,144,499 | 2,896,360 | 4,252,253 | 3,942,024 | 5,242,158 | 5,501,049 | 4,425,630 | 3,129,059 |
| Hog products— | | | | | | | | | | |
| Bacon | 32,797,490 | 31,053,174 | 26,899,111 | 27,338,943 | 27,187,175 | 29,872,231 | 39,149,635 | 37,404,989 | 39,824,983 | 35,781,470 |
| Ham | 5,887,415 | 6,030,774 | 4,741,100 | 5,975,727 | 4,988,458 | 4,779,616 | 7,907,125 | 8,245,685 | 7,757,717 | 9,933,696 |
| Pork, fresh | 13,057 | 26,807 | 3,965 | 1,233 | 4,423 | 1,662 | 15,406 | 56,358 | 30,246 | 79,317 |
| Pork, pickled | 4,749,558 | 5,177,136 | 5,119,426 | 5,640,094 | 4,368,691 | 4,733,415 | 4,753,488 | 4,787,343 | 4,792,049 | 4,116,946 |
| Lard | 25,305,953 | 22,595,219 | 20,361,786 | 22,703,921 | 22,751,105 | 27,329,173 | 33,455,520 | 34,414,323 | 33,201,621 | 34,643,993 |
| Mutton | 282,087 | 324,099 | 93,082 | 18,397 | 18,641 | 25,995 | 21,798 | 18,959 | 9,023 | 9,175 |
| Oleomargarine— | | | | | | | | | | |
| Imitation butter | 171,119 | 92,779 | 93,363 | 88,848 | 212,634 | 250,605 | 297,264 | 255,024 | 195,587 | 416,386 |
| The oil | 4,671,342 | 4,358,853 | 2,954,954 | 4,676,131 | 3,230,123 | 2,664,492 | 6,476,258 | 7,859,190 | 9,011,889 | 11,207,250 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Poultry and game | 24,236 | 33,644 | 28,484 | 28,284 | 25,496 | 9,527 | 23,365 | 15,803 | 13,828 | 17,978 |
| All other meat products | 609,492 | 900,844 | 947,524 | 956,534 | 915,247 | 876,161 | 981,770 | 1,007,757 | 1,220,205 | 1,245,466 |
| Dairy products— | | | | | | | | | | |
| Butter | 3,750,771 | 3,643,646 | 2,956,457 | 1,983,696 | 1,834,908 | 2,568,765 | 4,187,489 | 2,197,106 | 2,445,878 | 1,672,696 |
| Cheese | 11,668,713 | 10,444,409 | 7,662,145 | 7,594,633 | 8,736,804 | 7,889,671 | 8,591,042 | 7,405,376 | 7,676,657 | 7,624,648 |
| Milk | 203,006 | 221,284 | 255,864 | 258,971 | 294,806 | 260,590 | 303,325 | 261,298 | 286,358 | 274,155 |
| Total | 114,353,788 | 107,332,456 | 90,625,216 | 92,783,296 | 93,058,080 | 104,122,444 | 136,264,506 | 139,017,471 | 140,362,159 | 138,401,591 |
| Quicksilver | 427,219 | 206,630 | 219,259 | 241,952 | 531,122 | 294,947 | 183,096 | 88,359 | 149,798 | 294,908 |
| Rags | 94,733 | 125,182 | 54,688 | 51,102 | 31,490 | 20,434 | 18,189 | 9,892 | a | a |
| Rice | 9,870 | 10,619 | 14,341 | 29,204 | 22,234 | 24,124 | 20,728 | 33,012 | b | b |
| Salt | 26,007 | 26,488 | 29,827 | 25,270 | 31,478 | 34,266 | 29,073 | 29,510 | a | a |
| SEEDS: | | | | | | | | | | |
| Clover | 2,730,815 | 1,535,283 | 264,882 | 630,850 | 1,009,695 | 3,110,588 | 1,762,084 | 1,575,039 | 1,636,671 | 968,029 |
| Cotton | 65,073 | 114,389 | 112,782 | 121,441 | 84,195 | 119,279 | 74,575 | 85,315 | 86,549 | 35,809 |
| Flaxseed or linseed | c | c | c | c | c | c | 19,793 | 184,564 | 3,915,547 | 2,195,374 |
| Timothy | 370,411 | 157,444 | 175,754 | 281,048 | 117,677 | 451,728 | 473,770 | 370,151 | 381,651 | 504,937 |
| All other | 311,084 | 389,558 | 1,396,573 | 874,070 | 305,123 | 192,914 | 307,717 | 285,630 | 281,864 | 269,580 |
| Total | 3,477,383 | 2,196,674 | 1,949,990 | 1,907,409 | 1,516,690 | 3,874,504 | 2,637,888 | 2,500,899 | 6,252,282 | 3,993,729 |
| Silk, manufactures of | 80,578 | 74,610 | 63,052 | 52,513 | 56,659 | 72,999 | 54,449 | 92,071 | 152,150 | 161,673 |
| SOAP: | | | | | | | | | | |
| Toilet or fancy | 39,636 | 43,129 | 60,646 | 57,751 | 59,496 | 61,164 | 67,027 | 86,704 | 99,914 | 103,649 |
| All other | 700,790 | 649,165 | 772,131 | 789,677 | 756,368 | 778,194 | 1,041,990 | 1,050,559 | 963,293 | 903,584 |
| Total | 740,426 | 697,294 | 832,777 | 847,428 | 815,864 | 839,358 | 1,109,017 | 1,137,263 | 1,063,207 | 1,007,233 |
| Spermaceti and spermaceti wax | 48,553 | 63,683 | 125,840 | 139,656 | 84,018 | 111,386 | 116,757 | 71,202 | 90,842 | 105,012 |
| Spices, ground or prepared | 41,191 | 27,658 | 20,963 | 42,112 | 36,270 | 30,711 | 25,457 | 22,440 | a | a |
| SPIRITS, DISTILLED: | | | | | | | | | | |
| Alcohol | 764,963 | 821,396 | 599,826 | 186,667 | 84,852 | 78,615 | 176,509 | } 180,299 | 475,937 | 82,328 |
| Cure, neutral, or cologne spirits | 8,445 | 1,299 | 15,266 | 5,797 | 2,838 | 115 | 1,748 | | | |

a Included in "All other manufactured articles." b Included in "All other unmanufactured articles." c Included in all other seeds.

No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| SPIRITS, DISTILLED—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Rum | 223,887 | 269,352 | 275,755 | 219,679 | 229,822 | 524,509 | 663,039 | 1,230,994 | 921,913 | 778,006 |
| Whisky: Bourbon | 2,236,617 | 3,880,102 | 1,628,950 | 318,921 | 220,104 | 1,081,347 | 489,250 | 260,871 | 664,330 | 1,461,013 |
| Rye | 856,728 | 550,128 | 191,394 | 32,907 | 163,744 | 362,688 | 137,029 | 82,671 | 135,045 | 179,534 |
| All other | 48,044 | 42,939 | 34,323 | 37,132 | 170,017 | 170,827 | 165,535 | 132,596 | 203,892 | 253,176 |
| Total | 4,138,704 | 5,565,216 | 2,745,514 | 801,103 | 871,377 | 2,218,101 | 1,633,110 | 1,887,431 | 2,401,117 | 2,724,057 |
| Starch | 305,515 | 276,274 | 285,056 | 281,072 | 202,932 | 272,630 | 378,115 | 475,817 | 612,531 | 707,093 |
| Stationery, except of paper | 342,989 | 395,123 | 397,714 | 390,408 | 425,091 | 474,839 | 490,673 | 560,456 | 592,020 | 597,169 |
| Stereotype and electrotype plates | 30,727 | 28,598 | 15,325 | 25,799 | 31,931 | 24,683 | 30,662 | 28,310 | 47,912 | 62,722 |
| Straw and palm leaf, manufactures of | 37,955 | 41,935 | 47,188 | 96,161 | 79,625 | 61,928 | 63,363 | 78,844 | 65,853 | 155,783 |
| SUGAR AND MOLASSES: | | | | | | | | | | |
| Molasses and sirup | 898,966 | 858,894 | 1,115,437 | 1,293,000 | 907,868 | 889,438 | 936,233 | 768,306 | 1,057,216 | 992,471 |
| Sugar, brown | 14,065 | 9,039 | 5,030 | 6,572 | 7,502 | 6,174 | 12,518 | 11,235 | 8,682 | 13,175 |
| Sugar, refined | 5,402,493 | 16,071,767 | 10,972,729 | 11,435,765 | 2,184,788 | 1,070,236 | 1,901,886 | 6,138,746 | 665,477 | 963,123 |
| Candy and confectionery | 112,646 | 88,549 | 98,570 | 173,570 | 155,521 | 151,685 | 179,276 | 181,501 | 204,609 | 334,607 |
| Total | 6,428,170 | 17,028,249 | 12,191,766 | 12,909,907 | 3,255,679 | 2,117,533 | 3,029,413 | 7,099,788 | 1,935,984 | 2,303,376 |
| Tin, manufactures of | 166,819 | 162,304 | 157,724 | 137,551 | 219,000 | 236,783 | 284,896 | 249,836 | 225,113 | 223,441 |
| TOBACCO, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Leaf | 17,405,234 | 21,799,251 | 26,926,544 | 25,637,983 | 21,507,776 | 18,546,991 | 21,149,869 | 20,710,911 | 20,303,245 | 22,292,704 |
| Stems and trimmings | 360,526 | 226,585 | 231,913 | 310,294 | 428,308 | 354,077 | 329,687 | 322,848 | 366,800 | 599,195 |
| Manufactures of— | | | | | | | | | | |
| Cigars | 82,306 | 52,066 | 43,726 | 63,387 | 49,686 | 85,866 | 97,703 | 98,356 | 83,544 | 63,995 |
| Cigarettes | 248,890 | 317,653 | 412,664 | 467,511 | 626,166 | 752,857 | 830,817 | 1,008,657 | 1,018,427 | 1,151,497 |
| All other manufactures of | 2,199,261 | 2,371,800 | 2,810,061 | 2,751,497 | 2,902,605 | 2,869,877 | 2,947,525 | 3,079,700 | 2,967,409 | 2,835,073 |
| Total | 20,296,217 | 24,767,305 | 30,424,908 | 29,230,672 | 25,514,541 | 22,609,668 | 25,355,601 | 25,220,472 | 24,789,425 | 26,942,454 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Trunks, valises, and traveling bags | 187,142 | 160,970 | 161,544 | 170,163 | 173,760 | 184,624 | 209,850 | 202,520 | 171,804 | 147,335 |
| Umbrellas, parasols, and sunshades | 3,285 | 1,950 | 1,057 | 2,911 | 1,075 | 4,878 | 1,716 | 4,013 | a | a |
| Varnish | 209,715 | 134,103 | 135,366 | 149,871 | 187,159 | 202,727 | 216,483 | 203,285 | 293,059 | 258,400 |
| VEGETABLES: | | | | | | | | | | |
| Beans and peas | 409,074 | 522,322 | 570,153 | 562,864 | 462,762 | 560,574 | 553,317 | 473,006 | 945,767 | 745,636 |
| Onions | 59,682 | 73,566 | 75,838 | 73,515 | 64,161 | 63,780 | 72,760 | 79,993 | 55,121 | 60,878 |
| Potatoes | 374,588 | 265,355 | 346,864 | 318,259 | 308,193 | 316,224 | 269,693 | 316,482 | 361,378 | 700,032 |
| Vegetables, canned | 155,365 | 113,683 | 190,339 | 228,567 | 265,537 | 311,254 | 231,265 | 286,321 | 373,068 | 242,284 |
| All other, including pickles | 114,470 | 120,877 | 184,293 | 125,448 | 140,634 | 198,120 | 225,060 | 180,173 | 159,811 | 149,167 |
| Total | 1,113,179 | 1,095,803 | 1,317,487 | 1,308,653 | 1,241,287 | 1,449,952 | 1,357,095 | 1,335,975 | 1,898,145 | 1,897,997 |
| VESSELS SOLD TO FOREIGNERS: | | | | | | | | | | |
| Steamers | 300,200 | 261,265 | 47,062 | 40,343 | 80,850 | 20,232 | 101,598 | 92,922 | 246,200 | 92,375 |
| Sailing vessels | 81,140 | 126,195 | 11,940 | 30,437 | 26,500 | 17,150 | 3,200 | 3,500 | 11,685 | 31,757 |
| Total | 381,340 | 387,460 | 59,022 | 70,780 | 107,350 | 37,372 | 104,798 | 96,422 | 257,835 | 124,132 |
| Vinegar | 10,681 | 8,279 | 12,072 | 10,069 | 10,365 | 10,464 | 10,520 | 10,489 | 11,690 | 12,177 |
| Wax, bees' | 16,942 | 9,758 | 26,626 | 24,997 | 20,554 | 23,918 | 19,727 | 30,027 | 31,898 | 22,048 |
| Whalebone | 319,508 | 476,039 | 385,058 | 523,267 | 799,042 | 762,464 | 705,500 | 717,230 | 427,462 | 543,045 |
| WINE: | | | | | | | | | | |
| In bottles | 28,923 | 32,725 | 24,813 | 23,499 | 31,698 | 33,000 | 32,350 | 52,392 | 67,686 | 51,654 |
| Not in bottles | 65,309 | 62,574 | 93,297 | 191,672 | 201,525 | 236,488 | 238,580 | 319,085 | 371,344 | 369,893 |
| Total | 94,232 | 95,299 | 118,110 | 215,171 | 233,223 | 269,488 | 270,930 | 371,477 | 439,030 | 421,547 |
| WOOD, AND MANUFACTURES OF: | | | | | | | | | | |
| Firewood | 9,464 | 6,985 | 8,568 | 4,975 | 10,511 | 8,713 | 16,746 | 7,026 | 1,604 | 5,877 |
| Lumber— | | | | | | | | | | |
| Boards, deals, and planks | 7,079,701 | 6,570,576 | 6,620,911 | 6,531,144 | 7,159,999 | 9,703,219 | 9,974,888 | 9,916,945 | 9,672,493 | 9,642,599 |
| Joists and scantling | 195,043 | 183,166 | 151,119 | 126,284 | 162,250 | 352,150 | 381,640 | 155,114 | 228,513 | 171,025 |
| Hoops and hoop poles | 356,470 | 346,598 | 224,385 | 213,352 | 161,853 | 83,094 | 59,978 | 60,502 | 88,222 | 40,350 |
| Laths | 22,295 | 20,277 | 48,377 | 32,940 | 27,231 | 46,097 | 24,951 | 20,799 | 17,717 | 8,063 |
| Palings, pickets, and bed slats | 15,615 | 28,515 | 19,544 | 13,853 | 20,411 | 30,188 | 30,653 | 13,479 | 6,259 | 3,854 |
| Shingles | 183,521 | 132,976 | 103,049 | 101,282 | 104,362 | 99,756 | 111,926 | 116,868 | 87,992 | 72,562 |

a Included in "All other manufactured articles."

No. 160.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| WOOD, AND MANUFACTURES OF—Continued. | | | | | | | | | | |
| Lumber—Continued. | | | | | | | | | | |
| Shooks— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Box | 186, 853 | 205, 836 | 174, 723 | 136, 754 | 157, 637 | 76, 913 | 118, 557 | 199, 674 | 195, 618 | 238, 605 |
| Other | 1, 526, 437 | 1, 465, 465 | 1, 198, 444 | 938, 505 | 880, 118 | 808, 420 | 766, 607 | 450, 492 | 585, 919 | 702, 403 |
| Staves and headings | 2, 686, 473 | 1, 950, 744 | 2, 030, 097 | 2, 005, 955 | 2, 087, 538 | 2, 168, 909 | 2, 476, 857 | 2, 404, 213 | 2, 211, 716 | 2, 499, 520 |
| All other lumber | 976, 191 | 1, 182, 143 | 1, 175, 099 | 1, 204, 392 | 1, 756, 083 | 1, 490, 475 | 1, 355, 141 | 886, 133 | 1, 051, 897 | 1, 443, 537 |
| Timber— | | | | | | | | | | |
| Sawed | 2, 247, 328 | 1, 609, 485 | 2, 092, 557 | 1, 976, 750 | 2, 331, 050 | 3, 132, 868 | 3, 384, 847 | 2, 549, 411 | 2, 673, 154 | 2, 320, 123 |
| Hewn | 1, 735, 382 | 1, 289, 281 | 829, 109 | 697, 915 | 970, 442 | 1, 122, 223 | 1, 381, 747 | 1, 227, 960 | 983, 574 | 1, 188, 353 |
| Logs, and other timber | 1, 704, 635 | 1, 691, 780 | 1, 258, 565 | 1, 041, 278 | 2, 027, 496 | 1, 637, 346 | 1, 680, 346 | 2, 274, 102 | 1, 923, 604 | 2, 270, 072 |
| Manufactures of— | | | | | | | | | | |
| Doors, sash, and blinds | 294, 942 | 284, 016 | 267, 005 | 272, 338 | 323, 028 | 307, 356 | 320, 840 | 338, 263 | 295, 918 | 273, 456 |
| Moldings, trimmings, and other house finishings | 173, 661 | 131, 403 | 104, 935 | 114, 061 | 102, 220 | 114, 985 | 116, 295 | 140, 670 | 202, 589 | 208, 002 |
| Hogsheads and barrels, empty | 320, 184 | 324, 206 | 497, 458 | 456, 902 | 502, 556 | 312, 401 | 425, 278 | 240, 430 | 290, 113 | 218, 880 |
| Household furniture | 2, 429, 831 | 2, 128, 692 | 2, 121, 812 | 1, 978, 745 | 2, 335, 569 | 2, 628, 678 | 3, 088, 902 | 2, 956, 114 | 3, 090, 146 | 3, 112, 291 |
| Wooden ware | 406, 264 | 321, 464 | 331, 235 | 325, 986 | 293, 064 | 321, 378 | 360, 515 | 387, 823 | 356, 553 | 328, 817 |
| All other | 1, 724, 838 | 1, 590, 714 | 1, 386, 398 | 1, 479, 943 | 1, 699, 695 | 2, 455, 488 | 2, 197, 815 | 1, 924, 022 | 1, 827, 470 | 1, 917, 451 |
| Total | 24, 275, 128 | 21, 464, 322 | 20, 643, 390 | 19, 654, 934 | 23, 063, 108 | 26, 910, 672 | 28, 274, 529 | 26, 270, 640 | 25, 790, 571 | 26, 666, 439 |
| WOOL, AND MANUFACTURES OF: | | | | | | | | | | |
| Wool, raw | 8, 073 | 16, 739 | 19, 625 | 78, 002 | 5, 272 | 23, 065 | 33, 543 | 39, 423 | 30, 664 | 14, 806 |
| Carpets | 8, 591 | 24, 115 | 9, 340 | 8, 657 | 5, 513 | 4, 597 | 6, 702 | 18, 475 | 9, 378 | 11, 510 |
| Flannels and blankets | 41, 878 | 41, 478 | 80, 785 | 40, 656 | 33, 225 | 18, 414 | 40, 957 | 26, 543 | 24, 443 | 24, 252 |
| Wearing apparel | 532, 658 | 538, 726 | 466, 156 | 399, 236 | 363, 205 | 264, 074 | 317, 910 | 424, 022 | 268, 985 | 222, 416 |
| All other manufactures of | 120, 961 | 171, 643 | 147, 352 | 90, 793 | 69, 410 | 56, 864 | 71, 910 | 50, 158 | 64, 981 | 67, 877 |
| Total manufactures | 704, 108 | 775, 962 | 653, 633 | 539, 342 | 471, 353 | 343, 949 | 437, 479 | 519, 198 | 367, 737 | 326, 055 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ZINC, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore | 16, 865 | 22, 824 | 24, 951 | 44, 152 | 15, 976 | 25, 354 | 182, 990 | 142, 011 | 114, 639 | a 5, 990 |
| Pigs, bars, plates, and sheets | 9, 576 | 7, 270 | 64, 410 | 25, 403 | 8, 231 | 4, 872 | 126, 947 | 104, 892 | 642, 883 | 471, 316 |
| All other manufactures | 4, 666 | 4, 991 | 12, 749 | 18, 554 | 15, 270 | 23, 812 | 29, 203 | 26, 840 | 122, 684 | 189, 393 |
| Total zinc, etc., not including ore | 14, 242 | 12, 261 | 77, 159 | 43, 957 | 18, 601 | 28, 684 | 156, 150 | 131, 732 | 765, 567 | 610, 709 |
| ALL ARTICLES NOT ELSEWHERE ENUMERATED: | | | | | | | | | | |
| Unmanufactured articles | 400, 277 | 405, 226 | 766, 748 | 404, 781 | 492, 155 | 473, 308 | 482, 825 | 492, 404 | 1, 034, 242 | 902, 773 |
| Manufactured articles | 817, 810 | 762, 184 | 679, 198 | 831, 909 | 755, 513 | 916, 558 | 1, 261, 006 | 1, 365, 760 | 1, 852, 857 | 2, 003, 879 |
| TOTAL VALUE OF DOMESTIC MERCHANDISE | 724, 964, 852 | 726, 682, 946 | 665, 964, 529 | 703, 022, 923 | 683, 862, 104 | 730, 282, 609 | 845, 293, 828 | 872, 270, 283 | 1, 015, 732, 011 | 831, 030, 785 |

a For prior years includes oxide.

## No. 161.—QUANTITIES OF THE PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED FROM THE UNITED STATES DURING THE TEN YEARS FROM 1884 TO 1893, INCLUSIVE.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **ANIMALS:** | | | | | | | | | | |
| Cattle ..... No.. | 190, 518 | 135, 890 | 119, 065 | 106, 459 | 140, 208 | 205, 786 | 394, 836 | 374, 679 | 394, 607 | 287, 094 |
| Hogs ..... No.. | 46, 382 | 55, 025 | 74, 187 | 75, 383 | 23, 755 | 45, 128 | 91, 148 | 95, 654 | 31, 963 | 27, 375 |
| Horses ..... No.. | 2, 721 | 1, 947 | 1, 616 | 1, 611 | 2, 263 | 3, 743 | 3, 501 | 3, 110 | 3, 226 | 2, 967 |
| Mules ..... No.. | 3, 742 | 1, 028 | 1, 191 | 1, 754 | 2, 971 | 2, 980 | 3, 544 | 2, 184 | 1, 965 | 1, 634 |
| Sheep ..... No.. | 378, 874 | 284, 509 | 177, 594 | 121, 701 | 143, 817 | 128, 852 | 67, 521 | 60, 947 | 46, 960 | 37, 260 |
| **BREADSTUFFS:** | | | | | | | | | | |
| Barley ..... bush.. | 724, 955 | 629, 130 | 252, 183 | 1, 305, 300 | 550, 884 | 1, 440, 321 | 1, 408, 311 | 973, 062 | 2, 800, 075 | 3, 035, 267 |
| Bread and biscuit ..... lbs.. | 17, 580, 740 | 16, 471, 972 | 16, 778, 850 | 15, 060, 061 | 13, 948, 708 | 14, 494, 880 | 15, 035, 540 | 15, 541, 655 | 14, 449, 625 | 14, 583, 967 |
| Corn ..... bush.. | 45, 247, 490 | 51, 834, 416 | 63, 655, 433 | 40, 307, 252 | 24, 278, 417 | 69, 592, 929 | 101, 973, 717 | 30, 768, 213 | 75, 451, 849 | 46, 037, 274 |
| Corn meal ..... bbls.. | 252, 779 | 260, 510 | 293, 546 | 265, 333 | 270, 613 | 312, 186 | 361, 243 | 318, 329 | 287, 609 | 271, 155 |
| Oats ..... bush.. | 1, 760, 376 | 4, 191, 692 | 5, 672, 694 | 440, 283 | 332, 564 | 624, 226 | 13, 692, 776 | 953, 010 | 9, 425, 078 | 2, 380, 643 |
| Oatmeal ..... lbs.. | 27, 256, 427 | 36, 205, 413 | 29, 495, 008 | 16, 818, 330 | 4, 329, 293 | 10, 210, 413 | 25, 460, 322 | 7, 786, 873 | 20, 908, 190 | 5, 762, 701 |
| Rye ..... bush.. | 6, 220, 206 | 2, 950, 558 | 196, 725 | 357, 256 | 78, 783 | 287, 252 | 2, 257, 377 | 332, 739 | 12, 041, 316 | 1, 477, 058 |
| Rye flour ..... bbls.. | 4, 564 | 3, 972 | 3, 329 | 3, 341 | 2, 674 | 3, 669 | 3, 933 | 4, 254 | 4, 552 | 2, 811 |
| Wheat ..... bush.. | 70, 349, 012 | 84, 653, 714 | 57, 759, 209 | 101, 971, 949 | 65, 789, 261 | 46, 414, 129 | 54, 387, 767 | 55, 181, 948 | 157, 280, 351 | 117, 121, 109 |
| Wheat flour ..... bbls.. | 9, 152, 260 | 10, 643, 145 | 8, 179, 241 | 11, 518, 449 | 11, 963, 574 | 9, 374, 803 | 12, 231, 711 | 11, 344, 304 | 15, 196, 769 | 16, 620, 339 |
| BRICKS: Building ..... M.. | 7, 998 | 6, 223 | 5, 241 | 5, 734 | 3, 882 | 3, 860 | 6, 573 | 6, 133 | 4, 723 | 10, 652 |
| Candles ..... lbs.. | 1, 907, 409 | 2, 345, 463 | 1, 580, 556 | 1, 859, 370 | 1, 502, 179 | 1, 427, 798 | 1, 522, 153 | 1, 546, 079 | 1, 715, 130 | 1, 570, 421 |
| Cars, passenger and freight, for steam railroads ..... No.. | 2, 089 | 563 | 867 | 1, 106 | 794 | 1, 519 | 3, 662 | 3, 902 | 1, 680 | 1, 801 |
| **CHEMICALS, DRUGS, DYES, AND MEDICINES:** | | | | | | | | | | |
| Ashes, pot and pearl ..... lbs.. | 744, 709 | 775, 582 | 580, 057 | 889, 592 | 512, 963 | 671, 871 | 526, 389 | 430, 582 | 1, 807, 634 | 634, 421 |
| Ginseng ..... lbs.. | 295, 242 | 377, 345 | 476, 608 | 330, 831 | 308, 365 | 271, 228 | 223, 113 | 283, 000 | 228, 916 | 251, 205 |
| **COAL:** | | | | | | | | | | |
| Anthracite ..... tons.. | 649, 040 | 588, 461 | 682, 975 | 680, 188 | 944, 383 | 943, 304 | 795, 753 | 924, 312 | 808, 277 | 1, 073, 111 |
| Bituminous ..... tons.. | 616, 265 | 683, 481 | 532, 846 | 643, 563 | 780, 242 | 841, 798 | 1, 136, 068 | 1, 474, 727 | 1, 700, 496 | 1, 773, 556 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **COPPER, AND MANUFACTURES OF:** | | | | | | | | | | |
| Ore.....tons.. | 19,307 | 41,615 | 27,201 | 15,364 | 39,910 | 38,062 | 36,840 | 38,562 | 42,984 | 41,209 |
| Ingots, bars, and old .....lbs.. | 16,939,090 | 44,672,493 | 24,239,258 | 19,580,923 | 25,803,337 | 14,334,043 | 20,237,409 | 34,554,517 | 56,453,736 | 37,642,461 |
| Sheets .....lbs.. | 105,680 | 59,365 | 58,135 | 154,743 | 14,888 | 21,218 | 85,951 | 46,468 | a..... | a..... |
| **COTTON, AND MANUFACTURES OF:** | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Sea island .....lbs.. | 3,598,866 | 6,764,033 | 4,613,675 | 8,021,497 | 7,053,765 | 6,419,569 | 9,220,819 | 14,588,092 | 9,074,686 | 7,983,415 |
| Other unmanufactured .....lbs.. | 1,858,973,664 | 1,884,895,439 | 2,053,423,769 | 2,161,435,833 | 2,257,067,061 | 2,378,397,100 | 2,462,579,034 | 2,892,770,703 | 2,926,145,125 | 2,204,131,711 |
| Total .....lbs..... | 1,862,572,530 | 1,891,659,472 | 2,058,037,444 | 2,169,457,330 | 2,264,120,826 | 2,384,816,669 | 2,471,799,853 | 2,907,358,795 | 2,935,219,811 | 2,212,115,126 |
| Total .....bales .. | 3,884,233 | 3,969,568 | 4,283,723 | 4,499,579 | 4,696,017 | 4,872,060 | 5,020,913 | 5,820,779 | 5,891,411 | 4,431,220 |
| Manufactures of— | | | | | | | | | | |
| Cloths—Colored .....yards.. | 35,441,296 | 32,738,123 | 51,293,373 | 67,793,013 | 54,446,936 | 40,856,329 | 42,309,770 | 39,016,682 | 40,815,450 | 43,016,108 |
| Uncolored.....yards.. | 99,750,450 | 114,806,595 | 142,547,980 | 136,809,074 | 115,766,679 | 77,596,862 | 75,716,490 | 135,529,590 | 142,938,871 | 100,776,006 |
| **Eggs** .....doz.. | 295,484 | 240,768 | 252,202 | 372,772 | 419,701 | 548,750 | 380,884 | 363,116 | 183,063 | 143,489 |
| **Fertilizers**.....tons.. | 161,352 | 136,976 | 173,031 | 220,792 | 194,271 | 129,539 | 227,598 | 231,915 | 251,104 | 460,062 |
| **FISH:** | | | | | | | | | | |
| Fresh.....lbs.. | 1,641,061 | 1,035,242 | 913,114 | 463,381 | 919,497 | 1,062,557 | 1,043,162 | 868,796 | 1,414,019 | 2,718,341 |
| Dried, smoked or cured— | | | | | | | | | | |
| Codfish, including haddock, hake, and pollock .....lbs.. | 14,929,123 | 18,178,987 | 15,664,195 | 16,943,748 | 17,820,883 | 15,625,928 | 17,030,019 | 17,313,170 | 14,435,878 | 14,853,627 |
| Herring .....lbs.. | 7,174,332 | 6,517,597 | 5,644,202 | 4,978,826 | 2,948,620 | 2,404,433 | 3,664,704 | 3,777,535 | 3,279,263 | 4,055,378 |
| Other .....lbs.. | | | | | 1,808,568 | 2,007,615 | 1,515,790 | 1,430,544 | 1,663,572 | 1,941,591 |
| Pickled— | | | | | | | | | | |
| Mackerel .....bbls.. | 13,102 | 24,512 | 28,505 | 15,760 | 7,036 | 1,303 | 948 | 2,295 | 3,490 | 2,455 |
| Herring .....bbls.. | 31,932 | 35,492 | 30,866 | 20,310 | 3,668 | 3,221 | 2,267 | 3,012 | 2,700 | 1,862 |
| Other.....bbls.. | | | | | 9,277 | 16,077 | 23,683 | 30,085 | 33,315 | 23,788 |
| Salmon, canned .....lbs.. | a..... | a..... | a..... | 16,229,163 | 13,484,565 | 28,393,140 | 28,781,661 | 22,867,225 | 18,215,025 | 22,052,043 |
| **FLAX, HEMP, AND JUTE, MANUFACTURES OF:** Cordage .....lbs.. | 6,975,776 | 7,219,387 | 7,833,678 | 7,627,183 | 7,157,193 | 7,533,185 | 10,006,691 | 8,992,834 | 7,603,329 | 4,653,348 |
| **FRUITS:** | | | | | | | | | | |
| Apples, dried .....lbs.. | 5,558,746 | 18,416,578 | 10,473,183 | 8,130,390 | 12,803,161 | 22,102,579 | 20,861,462 | 6,973,168 | 26,042,063 | 7,966,819 |
| Apples, green or ripe .....bbls.. | 105,400 | 668,867 | 744,539 | 591,868 | 489,570 | 942,406 | 453,506 | 135,207 | 938,743 | 408,014 |
| **Glucose, or grape sugar** .....lbs.. | 6,773,115 | 1,825,795 | 2,572,090 | 4,476,931 | 6,263,751 | 31,285,220 | 38,256,161 | 58,149,427 | 96,486,953 | 101,546,814 |

a Not stated.

No 161.—QUANTITIES OF THE PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| Glue.....lbs.. | 222,313 | 235,575 | 297,653 | 275,362 | 356,899 | 584,203 | 728,696 | 986,552 | 580,815 | 736,446 |
| Gunpowder.....lbs.. | 1,872,956 | 1,206,576 | 666,669 | 474,477 | 907,991 | 908,547 | 733,983 | 733,834 | 903,077 | 885,263 |
| Hay.....tons.. | 16,908 | 11,142 | 13,390 | 13,873 | 18,198 | 21,928 | 36,274 | 28,066 | 35,201 | 33,084 |
| Hops.....lbs.. | 13,516,643 | 7,055,289 | 13,665,661 | 260,721 | 6,793,818 | 12,589,262 | 7,540,854 | 8,736,080 | 12,604,686 | 11,367,080 |
| Ice.....tons.. | 37,002 | 38,901 | 39,570 | 41,978 | 40,994 | 44,761 | 44,849 | 34,862 | 31,852 | 19,741 |
| INDIA RUBBER AND GUTTA-PERCHA, MANUFACTURES OF: Boots and shoes..pairs.. | 47,240 | 84,183 | 60,553 | 86,166 | 71,025 | 91,465 | 171,473 | 175,627 | 231,105 | 410,950 |
| IRON AND STEEL, AND MANUFACTURES OF: | | | | | | | | | | |
| Iron ore.....tons.. | 3,030 | 8,226 | 1,024 | 2,502 | 2,321 | 8 | ..... | ..... | ..... | ..... |
| Pig iron.....tons.. | 3,765 | 4,635 | 7,659 | 7,801 | 9,376 | 12,965 | 18,458 | 13,435 | 15,940 | 20,068 |
| Band, hoop, and scroll iron.....lbs.. | 215,655 | 172,416 | 574,460 | 388,733 | 131,140 | 43,652 | 16,690 | 201,971 | 193,818 | 424,983 |
| Bar iron.....lbs.. | 2,707,811 | 1,609,676 | 1,519,941 | 2,131,025 | 1,508,426 | 1,549,657 | 2,087,376 | 2,400,335 | 2,854,895 | 2,768,150 |
| Car wheels.....No.. | 14,335 | 10,533 | 10,612 | 12,598 | 11,969 | 8,516 | 12,216 | 13,020 | 11,728 | 11,699 |
| Ingots, bars, and rods of steel ...lbs.. | 215,677 | 214,814 | 272,275 | 184,208 | 207,127 | 506,955 | 269,194 | 597,535 | 966,336 | 664,384 |
| Nails and spikes— | | | | | | | | | | |
| Cut.....lbs.. | 9,165,377 | 8,553,308 | 10,321,073 | 11,575,918 | 11,963,664 | 11,827,458 | 12,510,638 | 11,723,727 | 12,197,669 | 15,604,347 |
| Wire, wrought, horseshoe, and all other, including tacks..lbs.. | | | | | 1,547,078 | 1,612,576 | 1,955,959 | 1,768,433 | 2,056,267 | 2,800,501 |
| Plates and sheets— | | | | | | | | | | |
| Of iron.....lbs.. | 562,993 | 780,319 | 697,671 | 2,162,517 | 4,751,639 | 808,047 | 977,416 | 1,168,741 | 472,401 | 2,838,660 |
| Of steel.....lbs.. | 55,266 | 52,800 | 8,923 | 564,080 | 119,491 | 56,808 | 484,351 | 144,978 | 243,616 | 654,614 |
| Railroad bars or rails— | | | | | | | | | | |
| Of iron.....tons.. | 553 | 1,108 | 164 | 524 | 34 | 7 | 1,103 | 190 | 277 | 409 |
| Of steel.....tons.. | 2,801 | 6,853 | 3,805 | 2,241 | 5,159 | 7,398 | 9,133 | 15,691 | 7,983 | 15,289 |
| Steam engines, and parts of— | | | | | | | | | | |
| Fire engines.....No.. | 4 | 9 | 6 | 3 | 2 | 5 | 6 | 2 | 3 | 1 |
| Locomotive engines.....No.. | 282 | 85 | 52 | 58 | 86 | 144 | 161 | 275 | 197 | 195 |
| Stationary engines.....No.. | 135 | 109 | 154 | 219 | 268 | 229 | 291 | 267 | 360 | 401 |
| Wire.....lbs.. | 5,573,562 | 5,016,735 | 8,036,858 | 9,612,005 | 12,734,195 | 16,420,863 | 21,529,962 | 25,000,507 | 26,059,010 | 42,798,043 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| LEATHER, AND MANUFACTURES OF: | | | | | | | | | | |
| Leather— | | | | | | | | | | |
| Sole ..... lbs.. | 22, 421, 293 | 27, 313, 766 | 24, 265, 880 | 30, 530, 488 | 28, 712, 673 | 35, 558, 945 | 39, 595, 219 | 37, 501, 278 | 37, 053, 381 | 33, 570, 037 |
| Manufactures of— | | | | | | | | | | |
| Boots and shoes ..... pairs.. | 502, 122 | 492, 906 | 554, 365 | 623, 714 | 563, 871 | 518, 750 | 587, 108 | 551, 733 | 745, 112 | 493, 027 |
| Lime and cement ..... bbls.. | 65, 766 | 79, 627 | 81, 465 | 71, 282 | 79, 079 | 107, 732 | 79, 743 | 90, 213 | 70, 240 | 95, 846 |
| MALT LIQUORS: | | | | | | | | | | |
| In bottles ..... doz.. | 238, 228 | 233, 816 | 352, 898 | 372, 432 | 395, 424 | 375, 059 | 395, 373 | 413, 278 | 402, 358 | 417, 704 |
| Not in bottles ..... galls.. | 236, 896 | 170, 118 | 233, 941 | 203, 972 | 146, 226 | 170, 059 | 258, 411 | 242, 991 | 260, 734 | 245, 497 |
| MUSICAL INSTRUMENTS: | | | | | | | | | | |
| Organs ..... No.. | 8, 868 | 8, 594 | 8, 451 | 7, 228 | 8, 753 | 10, 723 | 11, 490 | 14, 498 | 11, 856 | 12, 518 |
| Pianofortes ..... No.. | 1, 020 | 915 | 754 | 960 | 639 | 589 | 631 | 692 | 856 | 2, 066 |
| NAVAL STORES: | | | | | | | | | | |
| Rosin ..... bbls.. | 1, 515, 211 | 1, 269, 304 | 1, 131, 560 | 1, 365, 012 | 1, 492, 314 | 1, 420. 218 | 1, 601, 377 | 1, 790, 251 | 1, 950, 214 | 2, 059, 407 |
| Tar ..... bbls.. | 43, 544 | 37, 572 | 19, 068 | 20, 471 | 20, 306 | 22, 028 | 28, 806 | 17, 265 | 22, 377 | 20, 042 |
| Turpentine and pitch ..... bbls.. | 53, 259 | 16, 178 | 13, 297 | 14, 245 | 20, 703 | 14, 355 | 18, 327 | 8, 541 | 8, 739 | 8, 926 |
| Spirits of turpentine ..... galls.. | 11, 300, 729 | 8, 987, 226 | 8, 217, 678 | 10, 209, 883 | 10, 585, 942 | 9, 681, 759 | 11, 248, 920 | 12, 243, 621 | 13, 176, 470 | 13, 415, 459 |
| Oakum ..... lbs.. | 442, 959 | 596, 787 | 488, 255 | 472, 027 | 551, 443 | 733, 792 | 574, 615 | 615, 596 | a ..... | a ..... |
| Oil cake and oil-cake meal ..... lbs.. | 524, 847, 331 | 498, 664, 241 | 585, 947, 181 | 622, 295, 233 | 562, 744, 209 | 588, 317, 880 | 711, 704, 373 | 633, 344, 851 | 826, 896, 719 | 802, 416, 067 |
| OILS: | | | | | | | | | | |
| Animal— | | | | | | | | | | |
| Lard ..... galls.. | 712, 696 | 916, 157 | 973, 229 | 975, 163 | 930, 616 | 861, 308 | 1, 214, 611 | 1, 092, 448 | 901, 575 | 486, 812 |
| Whale and fish ..... galls.. | 832, 584 | 1, 187, 614 | 1, 364, 679 | 1, 505, 973 | 1, 496, 501 | 582, 040 | 2, 006, 606 | 1, 467, 321 | 969, 828 | 205, 860 |
| Other animal ..... galls.. | 159, 486 | 106, 793 | 360, 223 | 570, 376 | 617, 737 | 558, 080 | 727, 782 | 512, 253 | 278, 954 | 212, 266 |
| Mineral, crude (including all natural oils, without regard to gravity) ..... galls.. | 67, 186, 329 | 81, 037, 992 | 80, 246, 763 | 76, 062, 878 | 85, 538, 725 | 72, 987, 383 | 95, 450, 653 | 91, 415, 095 | 103, 502, 767 | 111, 703, 508 |
| Mineral, refined or manufactured— | | | | | | | | | | |
| Naphthas (including all lighter products of distillation) .galls.. | 15, 945, 411 | 15, 822, 853 | 12, 311, 197 | 15, 735, 239 | 12, 066, 921 | 14, 100, 054 | 12, 937, 433 | 12, 171, 147 | 12, 727, 978 | 17, 304, 005 |
| Illuminating ..... galls . | 415, 615, 693 | 458, 243, 192 | 469, 471, 451 | 480, 845, 811 | 456, 487, 221 | 502, 257, 455 | 523, 295, 090 | 571, 119, 805 | 564, 896, 658 | 642, 239, 816 |
| Lubricating and heavy paraffin oil ..... galls.. | 10, 515, 535 | 13, 002, 483 | 12, 526, 009 | 16, 910, 513 | 22, 889, 529 | 25, 166, 913 | 30, 162, 522 | 33, 514, 730 | 33, 591, 076 | 32, 483, 857 |

a Included in "All other manufactured articles."

No. 164.—QUANTITIES OF THE PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| OILS—Continued: | | | | | | | | | | |
| Mineral, refined or manufactured—Continued | | | | | | | | | | |
| Residuum (including tar and all other from which the light bodies have been distilled), ..... bbls.. | 126, 122 | 156, 230 | 76, 816 | 77, 353 | 32, 601 | 40, 087 | 52, 916 | 38, 066 | 13, 270 | 12, 382 |
| Vegetable— | | | | | | | | | | |
| Cotton seed ..... galls.. | 3, 605, 946 | 6, 364, 279 | 6, 240, 139 | 4, 067, 138 | 4, 458, 597 | 2, 690, 700 | 13, 384, 385 | 11, 003, 160 | 13, 859, 278 | 9, 462, 074 |
| Linseed ..... galls.. | 72, 221 | 62, 660 | 78, 885 | 119, 840 | 92, 134 | 72, 451 | 59, 288 | 76, 789 | 112, 386 | 103, 936 |
| Volatile or essential— | | | | | | | | | | |
| Peppermint..... lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 45, 321 | 54, 967 | 99, 627 |
| Paraffin and paraffin wax..... lbs.. | 17, 089, 817 | 24, 878, 488 | 24, 289, 698 | 31, 546, 223 | 36, 005, 522 | 33, 826, 575 | 43, 516, 551 | 66, 366, 003 | 64, 998, 867 | 82, 675, 140 |
| PROVISIONS, COMPRISING MEAT AND DAIRY PRODUCTS: | | | | | | | | | | |
| Meat products— | | | | | | | | | | |
| Beef products— | | | | | | | | | | |
| Beef, canned..... lbs.. | a..... | a..... | a..... | 43, 050, 588 | 40, 458, 375 | 51, 025, 254 | 62, 638, 507 | 109, 585, 727 | 87, 028, 084 | 79, 089, 493 |
| Beef, fresh..... lbs.. | 120, 784, 064 | 115, 780, 830 | 99, 423, 362 | 83, 560, 874 | 93, 498, 273 | 137, 895, 391 | 173, 237, 596 | 194, 045, 688 | 220, 554, 617 | 206, 294, 724 |
| Beef, salted or pickled .. lbs.. | 42, 379, 911 | 48, 143, 711 | 58, 903, 370 | 36, 287, 188 | 48, 980, 269 | 55, 006, 399 | 97, 508, 419 | 90, 286, 979 | 70, 204, 736 | 58, 423, 963 |
| Beef, other cured ..... lbs.. | 641, 163 | 572, 427 | 634, 955 | 192, 191 | 83, 151 | 194, 036 | 102, 110 | 1, 621, 833 | 953, 712 | 898, 920 |
| Tallow..... lbs.. | 63, 091, 108 | 50, 431, 719 | 40, 919, 951 | 62, 278, 403 | 92, 483, 052 | 77, 844, 555 | 112, 745, 370 | 111, 689, 251 | 89, 780, 019 | 61, 819, 153 |
| Hog products— | | | | | | | | | | |
| Bacon..... lbs.. | 341, 579, 410 | 345, 924, 217 | 369, 423, 351 | 364, 417, 744 | 331, 306, 703 | 357, 377, 399 | 531, 899, 677 | 514, 675, 557 | 507, 919, 830 | 391, 758, 175 |
| Hams..... lbs.. | 47, 919, 968 | 54, 202, 902 | 50, 365, 445 | 55, 505, 211 | 44, 132, 980 | 43, 847, 247 | 76, 591, 279 | 84, 410, 108 | 76, 856, 559 | 62, 178, 154 |
| Pork, fresh..... lbs.. | 185, 417 | 424, 103 | 70, 749 | 23, 930 | 63, 187 | 22, 794 | 279, 463 | 818, 875 | 377, 746 | 912, 644 |
| Pork, pickled ..... lbs.. | 60, 363, 313 | 71, 649, 365 | 87, 196, 966 | 85, 869, 367 | 58, 836, 966 | 64, 110, 845 | 79, 788, 868 | 81, 317, 364 | 80, 336, 481 | 53, 459, 722 |
| Lard..... lbs.. | 265, 094, 719 | 283, 216, 389 | 298, 728, 019 | 321, 533, 746 | 297, 740, 007 | 318, 242, 990 | 471, 083, 598 | 498, 343, 927 | 460, 045, 776 | 363, 693, 501 |
| Mutton ..... lbs.. | 2, 932, 355 | 3, 355, 660 | 1, 059, 435 | 371, 572 | 224, 788 | 296, 220 | 256, 711 | 199, 395 | 101, 468 | 108, 214 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Oleomargarine— | | | | | | | | | | |
| Imitation butter....lbs.. | 1,537,682 | 761,938 | 928,053 | 834,574 | 1,729,327 | 2,192,047 | 2,535,926 | 1,936,748 | 1,610,837 | 3,479,322 |
| The oil....lbs.. | 87,785,159 | 87,120,217 | 27,729,885 | 45,712,985 | 80,146,595 | 28,102,534 | 68,218,098 | 80,231,035 | 91,581,703 | 113,939,363 |
| Dairy products— | | | | | | | | | | |
| Butter....lbs.. | 20,627,374 | 21,633,148 | 18,953,990 | 12,581,171 | 10,455,651 | 15,504,978 | 29,748,042 | 15,187,114 | 15,047,246 | 8,920,107 |
| Cheese....lbs.. | 112,869,575 | 111,992,990 | 91,877,235 | 81,255,994 | 88,008,458 | 84,999,828 | 95,376,053 | 82,133,876 | 82,100,221 | 81,350,923 |
| Quicksilver....lbs.. | 1,242,080 | 515,867 | 536,927 | 514,210 | 1,037,852 | 575,856 | 317,511 | 157,052 | 306,047 | 424,613 |
| Rags....lbs.. | 1,794,244 | 4,246,920 | 2,525,041 | 4,225,580 | 1,424,800 | 763,422 | 716,814 | 255,777 | *b*..... | *b*..... |
| Rice....lbs.. | 163,519 | 168,827 | 255,311 | 644,384 | 898,535 | 439,706 | 388,914 | 340,620 | *c*..... | *c*..... |
| Salt....lbs.. | 3,920,809 | 4,101,587 | 4,762,657 | 4,224,685 | 5,227,730 | 5,803,900 | 4,281,692 | 5,242,280 | *b*..... | *b*..... |
| SEEDS: | | | | | | | | | | |
| Clover....lbs.. | 27,404,737 | 17,653,112 | 2,652,438 | 7,932,390 | 13,357,899 | 34,253,137 | 26,500,578 | 20,773,884 | 19,532,411 | 8,189,553 |
| Cotton....lbs.. | 5,674,560 | 11,046,985 | 11,793,411 | 11,282,141 | 6,218,555 | 11,373,365 | 7,660,601 | 10,108,014 | 12,149,261 | 4,519,327 |
| Flaxseed or linseed....bush.. | ..... | ..... | ..... | ..... | ..... | ..... | 14,678 | 144,848 | 3,613,817 | 1,837,370 |
| Timothy....lbs.. | 6,836,394 | 3,830,737 | 4,023,937 | 6,500,004 | 2,097,197 | 10,200,673 | 11,051,053 | 8,757,788 | 10,318,074 | 7,077,131 |
| Soap, other (than fancy or perfumed) lbs.. | 14,169,424 | 13,804,938 | 18,610,518 | 19,682,466 | 18,901,768 | 19,434,006 | 26,432,953 | 25,750,671 | 24,150,465 | 21,262,409 |
| Spermaceti and spermaceti wax....lbs.. | 259,947 | 277,271 | 334,919 | 336,222 | 226,576 | 425,479 | 449,384 | 207,574 | 273,981 | 340,192 |
| SPIRITS: | | | | | | | | | | |
| Alcohol....proof galls.. | 3,897,062 | 4,711,094 | 2,253,590 | 1,264,513 | 329,317 | 276,726 | 325,005 | | | |
| Pure, neutral, or cologne spirits, ....proof galls.. | 39,558 | 8,814 | 16,706 | 38,280 | 14,325 | 141 | 8,334 | 418,935 | 1,440,219 | 162,181 |
| Rum....proof galls.. | 667,847 | 875,539 | 865,275 | 766,024 | 851,029 | 445,589 | 555,749 | 1,025,226 | 773,713 | 647,415 |
| Whisky— | | | | | | | | | | |
| Bourbon....proof galls.. | 2,595,991 | 4,794,646 | 1,951,993 | 860,561 | 235,754 | 1,292,329 | 507,939 | 239,995 | 744,172 | 1,550,452 |
| Rye....proof galls.. | 834,087 | 604,786 | 222,494 | 89,271 | 153,681 | 383,805 | 121,506 | 54,656 | 128,273 | 142,646 |
| All other....proof galls.. | 44,433 | 73,064 | 45,361 | 28,707 | 311,760 | 294,840 | 193,993 | 166,160 | 264,420 | 296,708 |
| Starch....lbs.. | 6,787,909 | 6,851,963 | 6,963,787 | 7,408,386 | 5,755,806 | 7,228,193 | 9,168,097 | 12,883,821 | 20,081,027 | 21,938,456 |
| SUGAR AND MOLASSES: | | | | | | | | | | |
| Molasses and sirup....galls.. | 5,906,005 | 6,749,859 | 8,231,282 | 11,002,318 | 6,439,852 | 5,347,960 | 6,034,868 | 4,495,475 | 9,343,214 | 8,373,286 |
| Sugar, brown....lbs.. | 202,079 | 161,350 | 89,523 | 132,523 | 140,846 | 92,198 | 207,467 | 204,854 | 245,783 | 359,455 |
| Sugar, refined....lbs.. | 75,920,734 | 252,579,077 | 164,339,967 | 190,672,154 | 34,505,311 | 14,167,216 | 27,018,002 | 108,228,620 | 14,604,698 | 20,386,872 |

*a* Not stated. *b* Included in "All other manufactured articles." *c* Included in "All other unmanufactured articles."

No. 161.—QUANTITIES OF THE PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| TOBACCO, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Leaf.....lbs.. | 192, 130, 820 | 219, 221, 207 | 281, 737, 120 | 293, 666, 993 | 249, 195, 681 | 211, 521, 051 | 244, 343, 740 | 236, 969, 589 | 240, 716, 150 | 248, 367, 258 |
| Stems and trimmings.....lbs.. | 15, 026, 867 | 11, 262, 439 | 11, 036, 770 | 11, 253, 128 | 13, 487, 140 | 12, 238, 181 | 11, 303, 286 | 12, 263, 016 | 14, 715, 927 | 17, 715, 825 |
| Manufactures of— | | | | | | | | | | |
| Cigars.....M.. | 3, 110 | 2, 235 | 1, 887 | 2, 584 | 2, 176 | 2, 969 | 3, 482 | 3, 875 | 3, 017 | 2, 855 |
| Cigarettes.....M.. | 79, 032 | 102, 679 | 127, 946 | 146, 503 | 195, 718 | 236, 727 | 265, 001 | 319, 013 | 306, 545 | 410, 854 |
| Varnish.....galls.. | 106, 832 | 80, 399 | 84, 156 | 96, 427 | 143, 946 | 150, 153 | 169, 610 | 153, 365 | 215, 266 | 210, 067 |
| VEGETABLES: | | | | | | | | | | |
| Beans and pease.....bush.. | 201, 106 | 271, 044 | 408, 818 | 387, 222 | 253, 170 | 294, 456 | 261, 212 | 251, 063 | 637, 972 | 389, 913 |
| Onions.....bush.. | 69, 494 | 77, 103 | 68, 811 | 71, 689 | 56, 725 | 75, 074 | 80, 275 | 57, 182 | 59, 842 | 57, 610 |
| Potatoes.....bush.. | 554, 618 | 380, 868 | 494, 948 | 434, 864 | 403, 880 | 471, 955 | 406, 618 | 341, 189 | 557, 022 | 845, 720 |
| VESSELS SOLD TO FOREIGNERS: | | | | | | | | | | |
| Steamers.....tons.. | 1, 498 | 1, 698 | 228 | 87 | 265 | 67 | 506 | 681 | 1, 510 | 321 |
| Sailing vessels.....tons.. | 5, 039 | 4, 839 | 1, 201 | 1, 568 | 883 | 574 | 206 | 24 | 1, 065 | 3, 181 |
| Vinegar.....galls.. | 55, 848 | 45, 604 | 64, 159 | 58, 479 | 58, 912 | 64, 513 | 70, 592 | 68, 733 | 74, 890 | 86, 936 |
| Wax, bees'.....lbs.. | 51, 748 | 30, 877 | 136, 179 | 90, 350 | 78, 070 | 99, 917 | 171, 891 | 120, 548 | 127, 470 | 77, 434 |
| Whalebone.....lbs.. | 92, 653 | 188, 482 | 165, 436 | 173, 452 | 318, 056 | 261, 555 | 190, 484 | 159, 822 | 82, 797 | 148, 130 |
| WINE: | | | | | | | | | | |
| In bottles.....doz.. | 5, 463 | 6, 487 | 6, 051 | 4, 426 | 7, 185 | 7, 311 | 7, 281 | 11, 409 | 15, 054 | 11, 128 |
| Not in bottles.....galls.. | 83, 951 | 79, 733 | 119, 085 | 282, 607 | 302, 233 | 372, 350 | 393, 323 | 543, 292 | 655, 795 | 706, 558 |
| WOOD, AND MANUFACTURES OF: | | | | | | | | | | |
| Firewood.....cords.. | 2, 646 | 2, 181 | 2, 723 | 1, 606 | 3, 164 | 3, 204 | 7, 648 | 2, 061 | 423 | 1, 920 |
| Lumber— | | | | | | | | | | |
| Boards, deals, and planks..M ft.. | 414, 920 | 412, 424 | 435, 608 | 424, 760 | 496, 718 | 571, 075 | 612, 814 | 613, 406 | 592, 596 | 629, 355 |
| Joists and scantling.....M ft.. | 12, 632 | 13, 028 | 10, 821 | 8, 607 | 10, 705 | 26, 342 | 26, 684 | 11, 324 | 16, 131 | 13, 475 |
| Laths.....M.. | 9, 180 | 9, 517 | 17, 825 | 13, 813 | 10, 579 | 18, 859 | 10, 491 | 7, 976 | 7, 893 | 3, 461 |
| Palings, pickets, and bed slats..M.. | 1, 577 | 2, 408 | 2, 074 | 1, 871 | 1, 897 | 2, 677 | 2, 981 | 1, 352 | 640 | 387 |
| Shingles.....M.. | 61, 962 | 45, 867 | 42, 072 | 38, 644 | 33, 962 | 34, 588 | 36, 527 | 42, 463 | 31, 198 | 22, 936 |
| Shooks, other than box.....No.. | 1, 275, 450 | 1, 281, 571 | 1, 098, 347 | 902, 269 | 668, 972 | 543, 597 | 534, 190 | 316, 242 | 412, 308 | 385, 868 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Timber— | | | | | | | | | | | |
| Sawed.....M ft... | 201,257 | 153,248 | 193,844 | 167,609 | 187,780 | 252,906 | 270,934 | 214,612 | 235,550 | 214,198 |
| Hewn.....cub. ft.. | 10,615,065 | 8,411,066 | 6,077,612 | 4,260,689 | 5,813,175 | 6,801,065 | 8,752,761 | 6,900,073 | 6,736,440 | 7,394,921 |
| WOOL, AND MANUFACTURES OF: | | | | | | | | | | |
| Wool, raw.....lbs.. | 10,393 | 88,006 | 147,052 | 257,940 | 22,164 | 141,576 | 231,042 | 291,922 | 202,456 | 91,858 |
| Carpets.....yards.. | 8,838 | 30,257 | 9,393 | 7,716 | 7,881 | 5,670 | 9,841 | 26,711 | 11,440 | 18,631 |
| ZINC, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore.....tons.. | 220 | 342 | 437 | 1,209 | 210 | 480 | 2,732 | 4,046 | 2,519 | 267 |
| Pigs, bars, plates, and sheets...lbs.. | 126,043 | 101,685 | 770,558 | 363,199 | 43,616 | 79,867 | 3,511,302 | 1,577,086 | 11,769,046 | 7,796,686 |

## No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED FROM THE UNITED STATES DURING THE TEN YEARS FROM 1884 TO 1893, INCLUSIVE.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY.** | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| ANIMALS, not elsewhere specified | 1,165 | 65 | 170 | 140 | 485 | 349 | 50,285 | 600 | ..... | 100 |
| Articles, the growth, produce, and manufacture of the United States, returned | 3,428 | 2,932 | 3,514 | 3,542 | 3,111 | 3,370 | 1,750 | 5,381 | 3,858 | 2,652 |
| Art works, the production of American artists | 12,612 | 600 | ..... | 2,750 | ..... | 18,075 | ..... | ..... | ..... | ..... |
| Asphaltum or bitumen, crude | ..... | ..... | 9,153 | 3,606 | 3,288 | 3,589 | 3,965 | 4,530 | 2,513 | 598 |
| Bolting cloths | 1,400 | ..... | 3,000 | ..... | 600 | 60 | 3,406 | ..... | 173 | ..... |
| Books, maps, engravings, etchings, and other printed matter, not elsewhere specified | 1,757 | 2,890 | 1,287 | 3,500 | 263 | 39,109 | 5,499 | 11,809 | 7,957 | 9,311 |
| CHEMICALS, DRUGS, AND DYES, not elsewhere specified: | | | | | | | | | | |
| Alizarine, natural or artificial, including extract of madder | ..... | 16,800 | ..... | ..... | ..... | ..... | ..... | 289 | ..... | 699 |
| Argal, or argol, or crude tartar | ..... | 374 | ..... | ..... | ..... | ..... | ..... | 98 | ..... | ..... |
| Barks: Cinchona, or other, from which quinine may be extracted | 168,433 | ..... | 2,307 | 1,953 | 271 | ..... | ..... | ..... | ..... | 144 |
| Cochineal | ..... | 1,062 | ..... | 181 | ..... | ..... | ..... | ..... | ..... | 49 |
| Dyewoods— | | | | | | | | | | |
| Logwood | 1,425 | 8,579 | 9,723 | 30 | 2,640 | 4,033 | 3,200 | 2,950 | ..... | ..... |
| All other | 6,217 | 5,808 | 335 | 219 | ..... | 112 | ..... | 195 | ..... | 7,688 |
| Total | 7,642 | 14,387 | 10,058 | 249 | 2,640 | 4,145 | 3,200 | 3,145 | ..... | 7,688 |
| Gums— | | | | | | | | | | |
| Arabic | 465 | ..... | 5,767 | 4,427 | 550 | 2,775 | 2,289 | 1,066 | 3,769 | 761 |
| Camphor, crude | ..... | 50 | 6,427 | 100 | 4,000 | ..... | ..... | 43 | ..... | 26,043 |
| Gambier or terra japonica | 2,435 | 2,316 | 2,281 | 1,610 | 1,440 | 2,666 | 700 | 44 | 575 | 20,513 |
| Shellac | 467 | ..... | 70 | 361 | 165 | ..... | 10 | 1 | 22,416 | 5,459 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| All other | 2,248 | 12,995 | 3,630 | 18,021 | 25,234 | 30,141 | 4,682 | 27,592 | ..... | 25,703 |
| Total | 5,615 | 15,361 | 23,165 | 24,519 | 31,419 | 35,582 | 7,631 | 28,746 | 31,760 | 78,477 |
| Indigo | 68,961 | 97,658 | 1,536 | 10,562 | 1,924 | 19,971 | 21,808 | 350 | 5,999 | 14,011 |
| Lime, chloride of, or bleaching powder | 20 | ..... | 246 | 404 | 315 | ..... | ..... | 54 | ..... | ..... |
| Mineral waters, all not artificial | 63 | ..... | 78 | 238 | 363 | 582 | 1,090 | 1,035 | 822 | 50 |
| Opium, crude, or unmanufactured | ..... | ..... | ..... | ..... | ..... | ..... | ..... | a 13,406 | 8,591 | 12,426 |
| Potash | ..... | ..... | ..... | ..... | ..... | ..... | ..... | b 85 | ..... | 826 |
| Quinia, sulphate of, and all alkaloids or salts of cinchona bark | 63,800 | 54 | ..... | 110 | 2,562 | 19 | 1,380 | 48 | 18 | 35 |
| Soda, nitrate of | 5,900 | 695 | 3,241 | 129,346 | 16,142 | 75 | 6,798 | 5,591 | 7,280 | 81,017 |
| Sulphur or brimstone, crude | ..... | 210 | 391 | 400 | 148 | ..... | 60 | ..... | 1,545 | 363 |
| Vanilla beans | 51,387 | 1,618 | 43,174 | 11,058 | 91,455 | 61,666 | 8,405 | 13,217 | 23,768 | 4,818 |
| All other | 268,421 | 190,736 | 312,599 | 213,410 | 230,023 | 225,821 | 175,798 | 248,762 | 149,359 | 283,846 |
| Total chemicals, drugs, etc | 640,241 | 278,955 | 396,789 | 392,430 | 377,757 | 347,861 | 226,170 | 314,741 | 228,142 | 483,623 |
| Cocoa, or cacao, crude, and leaves and shells of | 214,802 | 230,886 | 319,864 | 263,672 | 280,193 | 203,044 | 216,865 | 304,141 | 233,126 | 262,737 |
| Coffee (see also dutiable) | 2,731,311 | 3,334,042 | 3,527,633 | 3,931,400 | 1,836,898 | 2,584,985 | 1,516,453 | 1,495,658 | 1,413,887 | 1,491,125 |
| Cork wood, or cork bark, unmanufactured | 1,393 | 1,953 | 1,212 | 33 | ..... | ..... | 1,865 | 6,795 | 9,853 | 27,936 |
| Cotton, unmanufactured | 253,319 | 302,725 | 140,690 | 88,933 | 21,443 | 26,128 | 39,536 | 83,043 | 20,964 | 51,814 |
| Diamonds and all other precious stones, rough or uncut, including glaziers' and engravers' diamonds, not set, and jewels to be used in the manufacture of watches | 22,550 | ..... | 5,060 | ..... | 25,018 | 900 | ..... | ..... | ..... | 355 |
| Eggs | ..... | ..... | 1,043 | 1,727 | 1,479 | 37 | e ..... | ..... | ..... | ..... |
| Farinaceous substances, and preparations of (sago, tapioca, etc.), not elsewhere specified | 5,473 | 2,622 | 2,915 | 3,364 | 2,596 | 6,455 | 3,948 | 4,824 | 6,120 | 2,920 |
| FERTILIZERS: | | | | | | | | | | |
| Guano | 10,884 | 1,229 | 600 | ..... | 162 | 24,000 | 390 | ..... | 44 | 295 |
| All other | 38,099 | 525 | 1,025 | 1,336 | 2,645 | 585 | 32,000 | 75,430 | 15,630 | ..... |
| Total | 48,983 | 1,754 | 1,625 | 1,336 | 2,807 | 24,585 | 32,390 | 75,430 | 15,674 | 295 |
| FISH, not elsewhere specified: | | | | | | | | | | |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled | 81,281 | 131,241 | d ..... | d ..... | d ..... | d ..... | d ..... | d ..... | d ..... | d ..... |

a From October 6, 1890; for the preceding period, see "Opium," dutiable.
b From October 6, 1890; for the preceding period included in "Chemicals, etc., all other," dutiable.
e Dutiable after October 5, 1890.
d See dutiable fish.

No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| FREE OF DUTY—Continued. | | | | | | | | | | |
| FISH, not elsewhere specified—Continued. | | | | | | | | | | |
| Herring— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Dried or smoked | 383 | 557 | a | a | a | a | a | a | a | a |
| Pickled | 4,641 | 1,210 | a | a | a | a | a | a | a | a |
| Lobsters, canned or preserved | 18,271 | 83,388 | 75,251 | 87,690 | 60,740 | 1,155 | b | b | b | b |
| Mackerel, pickled | 145 | 257 | a | a | a | a | a | a | a | a |
| Salmon, pickled | 389 | | a | a | a | a | a | a | a | a |
| All other | 115,161 | 2,283 | 303 | 92 | | 1,274 | 488 | | | |
| Total | 220,271 | 217,936 | 75,554 | 87,782 | 60,740 | 2,429 | 488 | | | |
| FRUITS, INCLUDING NUTS, not elsewhere specified: | | | | | | | | | | |
| Bananas | 20 | 403 | 3,548 | 2,545 | 4,390 | 4,735 | 9,395 | 10,833 | 14,839 | 134,643 |
| Cocoanuts | 4,568 | 13,023 | 49,373 | 85,876 | 149,294 | 140,114 | 108,304 | 44,490 | 33,426 | 47,800 |
| All other | 11,886 | 50,733 | 22,778 | 16,242 | 38,477 | 30,111 | 35,231 | 86,440 | 74,949 | 49,725 |
| Total | 16,474 | 64,159 | 75,699 | 104,663 | 192,161 | 174,960 | 153,030 | 141,763 | 123,214 | 232,168 |
| Furs and fur skins, undressed | 524,742 | 101,493 | 225,109 | 202,280 | 60,608 | 26,763 | 607,589 | 448,313 | 13,216 | 34,025 |
| Hair, not elsewhere specified | 15,000 | 275 | 64,660 | 15,235 | 35,814 | 9,487 | 5,816 | 6,738 | 9,712 | 26,398 |
| Hats, bonnets, and hoods, materials for, composed of straw, chip, grass, palm leaf, willow, osier, sparterre, or rattan, not elsewhere specified | | | | | | | | c 179,781 | 68,100 | 145,418 |
| HIDES AND SKINS, OTHER THAN FUR SKINS (See also dutiable): | | | | | | | | | | |
| Goat skins | | | | 97 | 3,550 | 18,698 | 5,989 | 15,522 | 10,356 | 77,633 |
| All other | 171,178 | 192,999 | 82,856 | 82,956 | 88,915 | 107,833 | 136,145 | 121,371 | 77,872 | 254,606 |
| Household and personal effects, and wearing apparel in use, and implements, instruments, and tools of trade of persons arriving from foreign countries, and of citizens of the United States dying abroad | 34,584 | 56,963 | 11,291 | 3,561 | 243,617 | 25,823 | 196,315 | 20,454 | 42,121 | 22,610 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **India rubber and gutta-percha, crude:** | | | | | | | | | | |
| Gutta-percha | 397,788 | 204,109 | 54,779 | 321,514 | 183,870 | 194,667 | 142,967 | 15,110 | 5,179 | 4,243 |
| India rubber | | | | | | | | 596,251 | 867,871 | 617,194 |
| **Ivory:** | | | | | | | | | | |
| Animal | ..... | 20,816 | 989 | 8,968 | 5,139 | 1,508 | ..... | 2,015 | 14,859 | 43,019 |
| Vegetable | 54,212 | 84,096 | 25,297 | 13,769 | 8,170 | 186 | ..... | ..... | 8,323 | 131 |
| **Oils, not elsewhere specified:** | | | | | | | | | | |
| Fixed or expressed | 96,188 | 149,429 | 42,922 | 201,917 | 97,655 | 18,068 | 84,315 | 41,477 | 25,478 | 37,288 |
| Volatile or essential | 1,371 | 8,155 | 6,477 | 6,621 | 8,938 | 5,308 | 7,822 | 7,515 | 5,993 | 6,411 |
| Total | 97,559 | 157,584 | 49,399 | 208,538 | 76,593 | 23,396 | 92,137 | 48,992 | 31,471 | 43,799 |
| **Ores, not elsewhere specified:** | | | | | | | | | | |
| Gold-bearing | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 209 | 13,004 | 16,607 |
| Silver-bearing | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 104,175 | 332,336 | 144,338 |
| **Paper stock, crude:** | | | | | | | | | | |
| Rags, other than woolen | ..... | 283 | 50 | 1,329 | 819 | 200 | 445 | ..... | 280 | 317 |
| All other | ..... | ..... | 735 | ..... | 1,242 | 125 | 200 | 296 | 530 | 8,436 |
| Total | ..... | 283 | 785 | 1,329 | 2,061 | 325 | 645 | 296 | 810 | 8,753 |
| Platinum, unmanufactured | 9,200 | ..... | ..... | ..... | 24,600 | ..... | ..... | ..... | ..... | 118 |
| Plumbago | ..... | 9,500 | 1,500 | ..... | 650 | ..... | ..... | 90 | 2,410 | 109 |
| Seeds, not elsewhere specified | 5,656 | 4,242 | 9,726 | 8,142 | 11,248 | 9,259 | 7,817 | 6,825 | 12,540 | 25,800 |
| **Silk, unmanufactured:** | | | | | | | | | | |
| Cocoons | 200 | 562 | ..... | ..... | ..... | ..... | 150 | ..... | ..... | ..... |
| Raw, or as reeled from the cocoon | 20,212 | 5,338 | 10,715 | 84,549 | 59,346 | 45,306 | 77,445 | 707 | 225 | 160,630 |
| Waste | 11,858 | 4,645 | 3,600 | 550 | 4,100 | ..... | ..... | ..... | 2,885 | ..... |
| Total | 32,270 | 10,566 | 14,315 | 85,099 | 63,446 | 45,306 | 77,595 | 707 | 3,110 | 160,630 |
| **Spices, unground:** | | | | | | | | | | |
| Nutmegs | 586 | 814 | 6,288 | 2,342 | 4,606 | 2,285 | 5,304 | 2,402 | 2,150 | 3,361 |
| Pepper, black or white | 47,063 | 282,694 | 85,513 | 78,858 | 101,113 | 66,635 | 60,200 | 47,378 | 45,718 | 29,500 |
| All other | 98,569 | 51,915 | 45,464 | 79,961 | 64,780 | 52,814 | 105,757 | 112,087 | 77,383 | 104,963 |
| Total | 146,223 | 285,423 | 137,265 | 156,162 | 170,499 | 121,734 | 171,261 | 161,867 | 125,251 | 137,824 |

a See dutiable fish. b Included in "All other free articles." c From October 6, 1890; for preceding period see "Hats," etc., dutiable.

## No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY—Continued.** | | | | | | | | | | |
| SUGAR, not elsewhere specified, AND MOLASSES: | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Molasses | ..... | ..... | ..... | ..... | ..... | ..... | ..... | a 1,869 | 8,941 | 33,918 |
| Sugar, not above No. 16, Dutch standard in color, etc | ..... | ..... | ..... | ..... | ..... | ..... | ..... | a 1,600 | 115,657 | 286,889 |
| Tea | 1,322,853 | 911,801 | 585,118 | 407,169 | 206,514 | 92,828 | 97,850 | 189,208 | 105,811 | 205,682 |
| TEXTILE GRASSES AND FIBROUS VEGETABLE SUBSTANCES, and manufactures of, not elsewhere specified: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Istle or Tampico fiber | ..... | ..... | ..... | ..... | ..... | ..... | ..... | b 310,257 | 256,083 | 144,007 |
| Jute and jute butts | ..... | ..... | ..... | ..... | ..... | ..... | ..... | c 12,078 | 15,720 | 8,728 |
| Sisal grass | ..... | ..... | ..... | ..... | ..... | ..... | ..... | c 71,072 | 53,608 | 120,166 |
| All other | ..... | ..... | ..... | ..... | ..... | ..... | ..... | c 128,839 | 49,986 | 377,490 |
| Total | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 522,246 | 374,397 | 650,391 |
| Manufactures of— | | | | | | | | | | |
| Coir yarn | ..... | 7,629 | ..... | 600 | 4,260 | 2,120 | ..... | 2,000 | ..... | 7,428 |
| Tin in bars, blocks, pigs, or grain or granulated | 13,836 | 13,462 | 29,190 | 27,284 | 113,862 | 26,224 | 24,746 | 17,194 | 9,579 | 48,818 |
| Wood, unmanufactured, not elsewhere specified | 113,878 | 63,932 | 122,693 | 84,560 | 129,589 | 76,027 | 99,076 | 54,762 | 79,656 | 115,660 |
| ARTICLES ADMITTED FREE UNDER RECIPROCITY TREATY WITH HAWAIIAN ISLANDS: | | | | | | | | | | |
| Rice | 270 | 2,069 | 2,029 | 1,464 | 1,469 | 897 | 1,167 | 339 | 506 | 1,697 |
| Molasses | 845 | 1,219 | 50 | 538 | ..... | ..... | 43 | d ..... | d ..... | d ..... |
| Sugar, brown | ..... | 14 | ..... | ..... | 36 | ..... | ..... | d ..... | d ..... | d ..... |
| Total | 1,115 | 3,302 | 2,079 | 2,002 | 1,505 | 897 | 1,210 | 339 | 506 | 1,697 |
| All other free articles | 99,209 | 334,108 | 686,174 | 232,005 | 213,456 | 565,295 | 610,115 | 194,811 | 158,384 | 175,178 |
| TOTAL FREE OF DUTY | 7,115,883 | 6,901,510 | 5,618,319 | 5,705,154 | 4,434,905 | 4,783,807 | 4,542,963 | 5,163,458 | 4,556,185 | 5,854,040 |

| DUTIABLE. | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ANIMALS, not elsewhere specified: | | | | | | | | | | |
| Cattle | 750 | 700 | | | | | 5,875 | | | 600 |
| Horses | 14,436 | 12,000 | 6,965 | 15,463 | 5,795 | 11,785 | 9,125 | 12,460 | 20,780 | 23,956 |
| Sheep | 1,662 | 1,200 | 200 | 90 | 563 | | | | | 330 |
| All other, including live poultry | 4,769 | 54,132 | | 205 | 12 | 364 | 250 | 1,819 | 10,298 | 1,605 |
| Total | 21,617 | 68,032 | 7,165 | 15,758 | 6,370 | 12,149 | 15,250 | 13,779 | 41,028 | 26,581 |
| Art works, not elsewhere specified: Paintings, in oil or water colors, and statuary | 154,957 | 23,171 | 496,919 | 135,113 | 231,561 | 247,294 | 209,970 | 426,370 | 207,561 | 312,620 |
| Books, maps, engravings, etchings, photographs, and other printed matter, not elsewhere specified | 23,592 | 79,467 | 26,514 | 7,120 | 13,538 | 13,690 | 13,395 | 10,296 | 6,776 | 13,954 |
| Brass, and manufactures of | 1,603 | 5,843 | 3,548 | 9,695 | 1,553 | 3,324 | 893 | 1,991 | 10,124 | 4,673 |
| BREADSTUFFS: | | | | | | | | | | |
| Barley | | 3,287 | 11,621 | 26,488 | 3,150 | | 3,322 | 200,884 | 257,156 | 16,993 |
| Oats | 1,296 | 25 | 23,458 | | | | 49 | | 2,416 | |
| Oatmeal | 2 | | | | 1,814 | | 14,633 | 17 | 5 | 1,902 |
| Rye | 500,656 | 194,026 | 51,653 | 84,183 | 4,800 | | 91,489 | 79,845 | 16,277 | |
| Wheat | 168,749 | 254,908 | 296,147 | 285,993 | 296,078 | 198,363 | 112,025 | 485,455 | 1,430,077 | 393,943 |
| Wheat flour | 1,325 | | 1,644 | | 9,091 | 296 | 7,837 | 46,057 | 502 | |
| All other breadstuffs, and preparations of, used as food, not elsewhere specified | 435 | 2,058 | 290 | 278 | 339 | 1,646 | 4,439 | 19,838 | 47,457 | 13,441 |
| Total | 607,403 | 454,299 | 384,813 | 396,942 | 405,272 | 195,307 | 233,794 | 832,096 | 1,753,392 | 425,279 |
| Bristles | 26,350 | 21,726 | 32,525 | 29,323 | 34,883 | 29,427 | 39,473 | 34,608 | 28,643 | 24,092 |
| Brushes | 679 | 1,951 | 124 | 79 | 658 | 183 | 15 | 2,108 | 1,633 | 1,188 |
| Buttons, except of brass, gilt, or silk, and button molds, and button materials made in patterns or cut for buttons exclusively | 11,610 | 3,050 | 4,739 | 1,722 | 4,429 | 6,539 | 2,913 | c19,857 | c6,949 | c7,845 |
| Cement | 8,262 | 11,375 | 11,814 | 16,183 | 10,124 | 5,186 | 9,510 | 16,886 | 23,350 | 29,364 |
| CHEMICALS, DRUGS, DYES, AND MEDICINES, not elsewhere specified: | | | | | | | | | | |
| Coal-tar colors and dyes | 23,462 | 42,564 | 31,963 | 22,867 | 15,059 | 27,426 | 8,767 | 28,305 | 31,183 | 35,276 |

a From April 1, 1891; for preceding period see "Sugar and molasses," dutiable.
b Prior to October 6, 1890, included in all other free articles.
c Dutiable prior to October 6, 1890.
d After April 1, 1891, included with "Other sugar and molasses" free of duty.
e Buttons and button forms only after October 5, 1890.

No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **CHEMICALS, DRUGS, DYES, AND MEDICINES, not elsewhere specified—Continued.** | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Glycerin | 13,424 | 8,624 | 1,512 | 1,863 | 7,432 | 1,746 | 5,540 | 1,020 | 58 | 10 |
| Logwood and other dye woods, extracts and decoctions of | ..... | 1,401 | 1,970 | 140 | 8,658 | 7,572 | 179 | 393 | 773 | 2,271 |
| Opium— | | | | | | | | | | |
| Crude | 56,890 | 50,442 | 96,008 | 132,809 | 88,047 | 92,504 | 207,078 | a19,161 | ..... | ..... |
| Prepared for smoking | ..... | 19 | 40 | ..... | 375 | ..... | ..... | 499 | 279 | ..... |
| Potash, nitrate of, or saltpeter, crude | ..... | 697 | 35 | 13,747 | 10,461 | ..... | 542 | a..... | a..... | a..... |
| Soda— | | | | | | | | | | |
| Bicarbonate or supercarbonate of | 258 | 255 | 1,069 | 976 | 374 | 414 | 658 | 1,125 | 883 | b..... |
| Caustic | 21,956 | 26,740 | 26,417 | 21,824 | 33,861 | 41,559 | 37,666 | 50,357 | 61,642 | 38,608 |
| Sal soda and soda ash | 908 | 883 | 1,417 | 1,468 | 419 | 890 | 1,834 | 1,560 | 269 | 1,189 |
| All other salts of | ..... | 416 | 316 | 167 | 120 | ..... | 195 | 8 | ..... | 1,000 |
| Total | 23,122 | 28,294 | 29,219 | 23,935 | 34,774 | 42,863 | 40,353 | 53,050 | 62,794 | 40,797 |
| Sumac, ground | 1,005 | 3,393 | 13 | 2,518 | 915 | ..... | ..... | 55 | 529 | 11 |
| All other | 163,254 | 73,145 | 48,039 | 37,330 | 37,345 | 32,510 | 45,371 | 61,584 | 32,332 | 66,143 |
| Total chemicals, drugs, etc | 221,157 | 208,579 | 208,798 | 235,209 | 203,066 | 204,631 | 307,330 | 164,067 | 127,947 | 144,499 |
| Clays or earths of all kinds, including china clay, or kaolin | 721 | 30 | 240 | 154 | ..... | 80 | 295 | 621 | 201 | 893 |
| **CLOCKS AND WATCHES, AND PARTS OF:** | | | | | | | | | | |
| Clocks, and parts of | 1,756 | 4,625 | 298 | 1,109 | 168 | 2,739 | 155 | 255 | ..... | 1,556 |
| Watches, and parts of, and watch materials and movements | 897 | 26,055 | 12,161 | 4,467 | 979 | 2,666 | 2,446 | 5,295 | 301 | 355 |
| Total | 2,653 | 30,680 | 12,454 | 5,567 | 1,142 | 5,395 | 2,601 | 5,550 | 301 | 1,911 |
| Coal, bituminous | 2,920 | 1,359 | 26,491 | 1,224 | 4,235 | 1,823 | 7,217 | 13,955 | 4,816 | 166 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Coffee (under section 3, tariff act of October 1, 1890, see also free of duty)...lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 232,726 | 549,987 |
| COPPER, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore (fine copper contained therein)..... | 40,587 | 5,645 | 22,116 | 5,640 | 3,583 | 77,108 | 99,599 | 93,554 | 70,572 | 59,613 |
| Pigs, bars, ingots, old, and other unmanufactured ..... | 4,145 | 28,617 | 7,537 | 20,866 | 75,653 | 9,704 | 23,804 | 32,543 | 93,128 | 83,378 |
| Manufactures of..... | 12,943 | 38,130 | 25,779 | 6,686 | 37,265 | 48,984 | 31,762 | 7,024 | 15,217 | 7,033 |
| Total, not including ore..... | 17,088 | 66,747 | 33,316 | 27,552 | 112,918 | 58,688 | 55,566 | 39,572 | 108,345 | 90,411 |
| Corsets ..... | 2,398 | 1,688 | 1,841 | 3,461 | 1,972 | 210 | 1,422 | *c*..... | *c*..... | *c*..... |
| COTTON, MANUFACTURES OF: | | | | | | | | | | |
| Cloth— | | | | | | | | | | |
| Not bleached, dyed, colored, stained, painted, or printed..... | 2,602 | 206 | 26 | 1,564 | 2,787 | 1,745 | 2,297 | 401 | 40 | 478 |
| Bleached, dyed, colored, stained, painted, or printed ..... | 35,052 | 20,718 | 178,878 | 24,459 | 13,388 | 12,508 | 21,768 | 18,800 | 29,044 | 21,167 |
| Total ..... | 37,654 | 20,924 | 178,904 | 26,023 | 16,175 | 14,253 | 24,065 | 19,201 | 29,084 | 21,645 |
| Clothing, ready made, and other wearing apparel, not including knit goods ..... | 3,430 | 14,504 | 1,245 | 764 | 1,981 | 4,756 | 7,728 | 6,384 | 7,708 | 8,504 |
| Knit goods: Stockings, hose, half hose, shirts, drawers, and all goods made, fashioned, or shaped on knitting machines or frames, or knit by hand..... | 6,852 | 10,103 | 4,723 | 3,956 | 1,091 | 4,679 | 5,549 | 6,022 | 9,244 | 3,628 |
| Laces, edgings, embroideries, insertings, neck ruffings, ruchings, trimmings, tuckings, lace window curtains, and other similar tamboured articles..... | 7,496 | 28,650 | 18,341 | 27,929 | 9,450 | 8,013 | 8,405 | 6,897 | 19,097 | 55,063 |
| Thread (not on spools), yarn, warps, or warp-yarn ..... | 2,356 | 1,044 | 598 | 411 | 1 | 114 | 656 | 1,922 | ..... | 464 |
| All other ..... | 109,422 | 218,156 | 231,924 | 101,625 | 99,645 | 51,964 | 88,239 | 89,206 | 76,180 | 72,105 |
| Total manufactures ..... | 167,210 | 293,381 | 435,735 | 160,718 | 128,343 | 83,779 | 134,642 | 129,632 | 141,263 | 161,429 |

*a* See "Free of duty." *b* Included in "All other salts of soda." *c* Included in "All other manufactures of cotton, silk," etc., according to materials of chief value.

## No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **EARTHEN, STONE, AND CHINA WARE:** | | | | | | | | | | |
| China, porcelain, parian, and bisque, earthen, stone, and crockery ware— | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Not decorated or ornamented | 6,139 | 10,137 | 3,256 | 7,184 | 10,000 | 13,612 | 11,455 | 13,059 | 4,790 | 5,587 |
| Decorated or ornamented | 25,773 | 13,122 | 13,697 | 9,087 | 3,272 | 2,730 | 5,709 | 5,185 | 6,072 | 7,015 |
| All other | 1,366 | 1,842 | 1,571 | 3,426 | 3,117 | 2,486 | 2,840 | 2,171 | 2,128 | 1,390 |
| Total | 33,278 | 25,101 | 17,524 | 19,697 | 16,389 | 18,828 | 20,004 | 20,415 | 12,990 | 13,992 |
| **FANCY ARTICLES:** | | | | | | | | | | |
| Perfumeries, cosmetics, and all toilet preparations | 4,740 | 3,243 | 1,214 | 2,728 | 1,487 | 5,128 | 3,942 | 2,902 | 4,769 | 4,213 |
| Beads (except amber) and bead ornaments | 5,357 | 12,583 | 7,057 | 9,138 | 6,814 | 4,617 | 679 | a | a | a |
| Dolls and other toys | 2,568 | 2,196 | 1,088 | 1,028 | 511 | 303 | 849 | 2,888 | 904 | 839 |
| Fans, except palm leaf | 83 | 971 | 473 | 2,059 | 1,382 | 2,254 | 2,284 | a | a | a |
| Feathers, natural, crude, dressed, colored or manufactured | 7,809 | 96,500 | 56,551 | 23,505 | 17,378 | 10,941 | 10,697 | 38,344 | 130,136 | 16,527 |
| Feathers and flowers, artificial | 1,114 | 10,972 | 825 | 106 | 1,514 | 343 | 149 | 49 | 382 | 1,986 |
| Pipes of all kinds, and smokers' articles | 4,307 | 747 | 1,527 | 930 | 351 | 56 | 534 | 902 | 1,510 | 2,521 |
| All other | 126,686 | 54,841 | 6,745 | 5,337 | 2,305 | 6,572 | 9,626 | 11,961 | a | a |
| Total | 152,654 | 182,933 | 75,480 | 44,821 | 31,742 | 30,214 | 28,750 | 49,066 | 137,701 | 20,086 |
| **FISH, not elsewhere specified:** | | | | | | | | | | |
| Anchovies and sardines, packed in oil or otherwise | 25,224 | 17,148 | 7,973 | 12,782 | 11,704 | 9,759 | 8,809 | 5,997 | 7,055 | 6,128 |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled | b | b | 94,593 | 137,520 | 204,666 | 176,705 | 168,612 | 260,145 | 239,258 | 254,025 |
| Herring— | | | | | | | | | | |
| Dried or smoked | b | b | 4,376 | 742 | 5,407 | 16,178 | 17,242 | 23,511 | 17,257 | 17,122 |
| Pickled or salted | b | 140 | 15,581 | 7,971 | 16,562 | 15,022 | 8,836 | 7,283 | 7,662 | 9,067 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mackerel, pickled or salted | *b* ..... | *b* ..... | 62,470 | 73,368 | 82,796 | 6,759 | 838 | 17,048 | 28,185 | 15,993 |
| Salmon, pickled or salted | *b* ..... | *b* ..... | 180 | 450 | 4,273 | 1,051 | ..... | 816 | 10 | 819 |
| All other | 155,923 | 9,255 | 19,719 | 68,810 | 68,218 | 40,770 | 202,919 | 65,150 | 58,884 | 57,116 |
| Total | 181,147 | 26,543 | 205,492 | 306,493 | 294,643 | 266,239 | 402,318 | 379,950 | 343,311 | 339,365 |
| FLAX, HEMP, JUTE, AND OTHER VEGETABLE SUBSTANCES, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Flax | ..... | ..... | 12,002 | 59 | ..... | 146 | ..... | ..... | ..... | 4,941 |
| Hemp | 147,964 | 99,961 | 30,604 | 43,390 | 198,662 | 30,634 | 54,328 | *c* 12,958 | 31,019 | 27,334 |
| Jute | 128,431 | 12,815 | 4,443 | 6,410 | 10,303 | 2,714 | 10,517 | *d* 1,600 | *d* ..... | *d* ..... |
| Sisal grass and other vegetable substances | 546,297 | 376,931 | 359,231 | 259,704 | 128,657 | 248,563 | 310,801 | *d* 65,196 | *d* ..... | *d* ..... |
| Total unmanufactured | 822,692 | 488,807 | 406,279 | 309,554 | 337,562 | 282,057 | 375,641 | 79,754 | 31,019 | 32,275 |
| Manufactures of— | | | | | | | | | | |
| Bags and bagging | 29,727 | 57,624 | 26,331 | 28,286 | 28,760 | 23,895 | 33,289 | 36,954 | 43,196 | 69,752 |
| Burlaps (except for bagging for cotton) | 2,278 | 3,615 | 1,770 | 1,391 | 1,756 | 976 | 1,667 | 1,543 | 1,752 | 68,417 |
| Cables, cordage, and twine | 19,813 | 17,587 | 11,721 | 2,521 | 2,680 | 2,658 | 2,674 | 1,771 | 1,071 | 7,402 |
| Yarns or threads | 118 | 172 | 527 | 1,070 | 655 | 92 | 1,488 | 333 | 289 | 704 |
| All other | 56,946 | 65,051 | 36,487 | 165,271 | 126,132 | 48,441 | 52,819 | 41,284 | 33,541 | 50,955 |
| Total | 108,882 | 144,049 | 76,836 | 198,539 | 159,983 | 76,062 | 96,937 | 81,885 | 78,849 | 192,230 |
| FRUITS, INCLUDING NUTS, not elsewhere specified: | | | | | | | | | | |
| Figs | 714 | 2,286 | 2,487 | 2,054 | 5,972 | 16,951 | 5,426 | *f* 3,272 | 4,222 | 7,368 |
| Lemons | 4 | 592 | 7,688 | 11,989 | 35,115 | 98,340 | 35,968 | 19,444 | 24,103 | 41,936 |
| Oranges | ..... | 2,540 | 1,596 | 9,369 | 9,597 | 18,318 | 29,998 | 9,686 | 23,416 | 20,497 |
| Plums and prunes | 7,699 | 2,598 | 7,479 | 14,475 | 40,817 | 27,310 | 22,736 | 48,755 | 44,433 | 22,219 |
| Raisins | 119,224 | 35,551 | 115,741 | 64,071 | 40,817 | 22,326 | 60,538 | 143,173 | 128,741 | 93,405 |
| Preserved fruits | 3,201 | 3,485 | 3,991 | 5,455 | 14,688 | 6,123 | 6,404 | 3,542 | 5,768 | 30,030 |
| All other fruits | 129,718 | 101,792 | 31,446 | 25,786 | 22,315 | 45,351 | 47,147 | 22,359 | 17,798 | 34,903 |
| Nuts— | | | | | | | | | | |
| Almonds | 16,853 | 17,405 | 21,340 | 9,703 | 9,368 | 19,785 | 11,330 | 27,514 | 26,024 | 29,113 |
| All other | 27,184 | 32,947 | 13,828 | 17,968 | 25,773 | 60,336 | 30,703 | 38,153 | 37,224 | 44,244 |
| Total | 286,595 | 199,141 | 216,096 | 160,290 | 213,562 | 250,389 | 250,320 | 315,638 | 311,779 | 314,714 |

*a* Classed according to material of chief value after October 5, 1891.
*b* See free fish.
*c* After October 5, 1890, see "Manila," free of duty.
*d* Prior to October 6, 1890; for the remaining period, see "Free of duty."

No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| DUTIABLE—Continued. | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Furs, and manufactures of fur | 118,495 | 188,320 | 116,911 | 175,000 | 141,403 | 120,830 | 104,237 | 77,813 | 153,059 | 155,226 |
| GLASS AND GLASSWARE: | | | | | | | | | | |
| Bottles, vials, demijohns, carboys, and jars, empty or filled | 4,262 | 2,498 | 2,333 | 2,305 | 1,293 | 1,558 | 2,625 | 2,453 | 1,328 | 2,025 |
| Cylinder, crown, and common window glass, unpolished | 1,010 | 950 | 429 | 523 | 176 | 15 | 40 | 999 | 1,092 | 296 |
| Plate glass— | | | | | | | | | | |
| Fluted, rolled, or rough | 235 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cast, polished, unsilvered | ..... | ..... | 265 | 14 | 150 | ..... | 13,359 | ..... | ..... | ..... |
| Cast, polished, silvered | 1,750 | 601 | ..... | 753 | 238 | 40 | 66 | ..... | 1,331 | ..... |
| All other | 11,306 | 25,165 | 11,559 | 6,469 | 38,068 | 8,573 | 6,661 | 8,481 | 6,820 | 6,554 |
| Total | 18,533 | 29,209 | 14,596 | 10,064 | 39,925 | 10,186 | 22,751 | 6,933 | 10,571 | 8,875 |
| Hair, not elsewhere specified, and manufactures of | ..... | 5,128 | 1,603 | 1,778 | 4,368 | 9 | 895 | 285 | ..... | 787 |
| Hats, bonnets, and hoods, and materials for | 109,275 | 166,274 | 82,199 | 65,696 | 70,186 | 106,503 | 85,162 | a 13,521 | ..... | ..... |
| Hay | ..... | ..... | 133 | ..... | 120 | ..... | 199 | 73 | 1,387 | 92 |
| HIDES AND SKINS, OTHER THAN FUR SKINS (under section 3, tariff act of Oct. 1, 1890; see also "Free of duty): | | | | | | | | | | |
| Goat skins | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 118 |
| All other | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16,069 | 125,764 |
| Hops | 22,342 | 4,021 | 6,582 | 69,087 | 59,774 | 49,186 | 63,667 | 57,526 | 51,008 | 25,328 |
| India rubber, and gutta-percha, manufactures of | 2,791 | 3,412 | 3,176 | 1,428 | 1,263 | 3,052 | 5,460 | 2,263 | 109 | 13,781 |
| IRON AND STEEL, AND MANUFACTURES OF: | | | | | | | | | | |
| Pig iron | 8,292 | 7,433 | 7,231 | 2,936 | 6,568 | 5,455 | ..... | 3,995 | 2,088 | 992 |
| Scrap iron and steel, fit only to be remanufactured | 463 | ..... | 8,146 | 7,922 | 10,430 | 16,707 | 2,887 | 7,282 | 6,464 | 1,800 |
| Bar iron, rolled or hammered | 3,342 | 4,954 | 2,584 | 1,825 | 1,897 | 31,998 | 1,872 | 1,948 | 859 | 534 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Bars, railway, of iron or steel, or in part of steel | 730, 655 | 74, 989 | 94 | 33, 662 | 13, 840 | 2, 400 | ..... | 462 | 2, 433 | ..... |
| Hoops or ties for baling purposes, barrel hoops, and hoop or band iron or steel, flared, splayed or punched | 203 | 153 | 1, 796 | ..... | 175 | 265 | 8, 669 | 802 | ..... | ..... |
| Hoop, band and scroll iron or steel | 312 | 308 | 319 | 275 | 676 | 105 | ..... | ..... | ..... | ..... |
| Ingots, blooms, slabs, billets and bars of steel, and steel in forms not elsewhere specified | 6, 135 | 3, 483 | 1, 770 | 1, 954 | 936 | 895 | 2, 050 | 407 | 1, 508 | 9, 896 |
| Sheet, plate, and taggers iron or steel | 4, 974 | 4, 247 | 6, 888 | 6, 605 | 952 | 2, 364 | 252 | 2, 863 | 6, 404 | 5, 245 |
| Tin plates, terne plates, and taggers tin | 30, 733 | 17, 286 | 64, 427 | 33, 511 | 28, 117 | 33, 884 | 45, 805 | 44, 854 | 18, 835 | 35, 541 |
| Wire rods of iron or steel | 10, 015 | ..... | 148 | 421 | 4, 800 | 2, 548 | ..... | 78 | 293 | ..... |
| Wire, and wire rope and strand, iron or steel | 12, 097 | 9, 794 | 8, 676 | 6, 556 | 6, 652 | 1, 457 | 7, 855 | 8, 504 | 5, 644 | 2, 461 |
| Manufactures of— | | | | | | | | | | |
| Anvils | 526 | 791 | 192 | 1, 229 | 1, 800 | 96 | 6, 156 | 977 | 183 | 20 |
| Chains | 1, 161 | 1, 178 | 101 | ..... | 362 | 213 | 259 | 1, 950 | 825 | 341 |
| Cutlery | 7, 050 | 6, 273 | 165 | 1, 615 | 738 | 620 | 9, 683 | 2, 144 | 2, 981 | 2, 449 |
| Files, file blanks, rasps, and floats | 679 | ..... | 7 | ..... | 311 | 1 | 3, 725 | ..... | ..... | ..... |
| Firearms | 17, 159 | 54, 926 | 33, 870 | 1, 911 | 2, 138 | 14, 275 | 6, 473 | 18, 846 | 35, 557 | 27, 398 |
| Machinery | 81, 935 | 170, 765 | 56, 672 | 39, 424 | 42, 415 | 34, 387 | 56, 273 | 34, 377 | 20, 244 | 29, 971 |
| Needles | 394 | 189 | 137 | 76 | 267 | 43 | 25 | a 3 | ..... | ..... |
| All other | 357, 998 | 231, 448 | 34, 911 | 39, 713 | 39, 163 | 41, 350 | 27, 723 | 41, 554 | 42, 655 | 55, 496 |
| Total | 1, 279, 623 | 588, 217 | 227, 134 | 179, 625 | 162, 147 | 194, 063 | 174, 207 | 171, 046 | 146, 973 | 171, 736 |
| JEWELRY, MANUFACTURES OF GOLD AND SILVER, AND PRECIOUS STONES: | | | | | | | | | | |
| Jewelry, and manufactures of gold and silver | 22, 236 | 59, 066 | 18, 232 | 8, 622 | 16, 221 | 9, 103 | 5, 489 | 18, 664 | 74, 988 | 25, 310 |
| Precious stones, not elsewhere specified, and imitations of, not set | 90, 678 | 79, 618 | 22, 465 | 49, 413 | 18, 602 | 33, 509 | 76, 471 | 30, 993 | 11, 533 | 1, 561 |
| Lead, and manufactures of | 35, 119 | 375, 099 | 505, 004 | 378, 335 | 328, 606 | 524, 237 | 598, 679 | 848, 931 | 2, 668, 139 | 4, 506, 872 |
| LEATHER, AND MANUFACTURES OF: | | | | | | | | | | |
| Leather— | | | | | | | | | | |
| Bend or belting, and sole leather | 1, 051 | 655 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 420 |
| Calfskins, tanned, or tanned and dressed and japanned | 40, 143 | 44, 750 | 45, 395 | 54, 529 | 15, 088 | 15, 004 | 7, 979 | 13, 389 | 5, 693 | 3, 644 |
| Skins for morocco | 8, 546 | 12, 451 | 32, 440 | 36, 246 | 20, 966 | 36, 690 | 9, 243 | 8, 508 | 4, 637 | 37, 453 |

a Prior to October 6, 1890; for the remaining period, free of duty.

No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **LEATHER, AND MANUFACTURES OF—Continued.** | | | | | | | | | | |
| Leather—Continued. | | | | | | | | | | |
| Upper leather, dressed, and skins, dressed and finished, not elsewhere specified | *Dollars.* 10,467 | *Dollars.* 28,494 | *Dollars.* 28,604 | *Dollars.* 44,940 | *Dollars.* 5,630 | *Dollars.* 5,863 | *Dollars.* 3,535 | *Dollars.* 1,125 | *Dollars.* 1,302 | *Dollars.* 3,069 |
| Total leather | 60,207 | 86,350 | 106,439 | 135,715 | 41,684 | 57,557 | 20,757 | 23,022 | 11,632 | 94,586 |
| Manufactures of— | | | | | | | | | | |
| Gloves of kid or other leather | 26,809 | 7,381 | 513 | 5 | 7,281 | 767 | 18,688 | 9,307 | 3,000 | 3,475 |
| All other | 39,298 | 86,760 | 9,495 | 4,108 | 3,662 | 14,216 | 13,323 | 18,712 | 11,461 | 12,950 |
| Total manufactures | 66,107 | 94,141 | 10,008 | 4,113 | 10,943 | 14,983 | 32,011 | 28,019 | 14,461 | 16,425 |
| Malt barley | | | | | | | | | 880 | |
| MALT LIQUORS: | | | | | | | | | | |
| In bottles or jugs | 5,996 | 5,051 | 6,103 | 4,805 | 1,505 | 3,506 | 3,056 | 6,518 | 4,899 | 7,913 |
| Not in bottles or jugs | 878 | | 402 | 391 | 104 | 489 | 202 | 112 | 53 | 2,339 |
| Total | 6,874 | 5,051 | 6,505 | 5,196 | 1,609 | 3,995 | 3,258 | 6,630 | 4,952 | 10,252 |
| MARBLE AND STONE, AND MANUFACTURES OF: | | | | | | | | | | |
| Marble and manufactures of | 6,497 | 12,233 | 3,332 | 2,421 | 1,077 | 4,479 | 1,124 | 654 | 3,436 | 537 |
| Stone and manufactures of, including slate | 1,923 | 2,173 | 1,285 | 1,712 | 2,167 | 1,071 | 2,535 | 3,744 | 264 | 7,177 |
| Total | 8,420 | 14,406 | 4,617 | 4,133 | 3,244 | 5,550 | 3,659 | 4,398 | 3,700 | 7,714 |
| METALS, METAL COMPOSITIONS, AND MANUFACTURES OF, not elsewhere specified: | | | | | | | | | | |
| Bronze manufactures | 14,269 | 7,415 | 2,500 | 1,847 | 897 | | 817 | 1,064 | 579 | 123 |
| All other | 17,192 | 59,103 | 93,125 | 63,750 | 84,695 | 35,840 | 31,771 | 212,668 | 102,923 | 102,727 |
| Total | 31,461 | 66,518 | 95,625 | 65,597 | 85,592 | 35,840 | 32,088 | 213,732 | 103,502 | 102,849 |
| Mineral substances, not elsewhere specified | 10,916 | 2,817 | 70 | | | 300 | 200 | 145 | 985 | 2,200 |
| Musical instruments | 22,536 | 26,152 | 17,093 | 8,809 | 11,850 | 8,585 | 5,214 | 3,453 | 7,323 | 2,759 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| OILS, not elsewhere specified: | | | | | | | | | | |
| Animal or rendered— | | | | | | | | | | |
| Whale and fish | 6,692 | 12,869 | 8,727 | 2,050 | 1,540 | 7,859 | 1,284 | 2,100 | 2,785 | 8,416 |
| Other | | | | | | | | 171 | | |
| Mineral | | 530 | | | 260 | | 20,918 | 192 | 152 | 320 |
| Vegetable— | | | | | | | | | | |
| Fixed or expressed— | | | | | | | | | | |
| Olive salad | 2,062 | 3,215 | 2,058 | 2,129 | 1,871 | 1,601 | 2,094 | 2,320 | 2,188 | 2,432 |
| Other | 10,517 | 26,394 | 20,450 | 11,910 | 13,508 | 18,075 | 15,834 | 21,448 | 16,855 | 16,538 |
| Volatile or essential | 8,193 | 2,423 | 3,764 | 4,042 | 1,621 | 1,372 | 1,740 | 1,177 | 2,134 | 2,268 |
| Total | 27,464 | 45,421 | 29,939 | 20,131 | 18,800 | 28,907 | 41,470 | 27,408 | 24,114 | 29,974 |
| Paints and colors | 4,075 | 15,326 | 4,351 | 2,236 | 5,597 | 2,389 | 6,838 | 5,650 | 2,558 | 4,054 |
| Paper, and manufactures of | 20,834 | 42,432 | 6,473 | 3,863 | 6,201 | 11,250 | 4,071 | 7,704 | 12,602 | 14,450 |
| Perfumeries, etc. (*See* Fancy articles). | | | | | | | | | | |
| Pipes, etc. (*See* Fancy articles). | | | | | | | | | | |
| PROVISIONS, COMPRISING MEAT AND DAIRY PRODUCTS: | | | | | | | | | | |
| Meat products— | | | | | | | | | | |
| Meat and meat extracts | 19,954 | 2,561 | 1,613 | 288 | 238 | 823 | 891 | 4,360 | 777 | 4,012 |
| All other | 13,004 | 8,528 | 1,970 | 947 | 560 | 18 | 277 | 73 | 2 | 115 |
| Dairy products— | | | | | | | | | | |
| Butter | 3,713 | 6,810 | 45 | 44 | | 503 | 148 | 4,775 | 541 | 274 |
| Cheese | 11,394 | 13,798 | 6,539 | 9,567 | 7,715 | 10,917 | 14,830 | 13,880 | 14,026 | 16,604 |
| Milk | 5,876 | 15,566 | 25,314 | 17,429 | 13,676 | 15,477 | 2,177 | 1,039 | 727 | 2,699 |
| Total | 53,946 | 47,263 | 35,481 | 28,275 | 22,189 | 27,738 | 18,323 | 24,127 | 16,073 | 23,704 |
| RICE, not elsewhere specified: | | | | | | | | | | |
| Rice | 205,083 | 171,495 | 120,508 | 97,635 | 96,666 | 129,786 | 126,213 | 168,215 | 209,810 | 212,769 |
| Rice flour, rice meal, and broken rice | (a) | | 3,555 | | | | | | | 1,700 |
| Salt | 2,451 | 3,478 | 3,694 | 3,450 | 1,757 | 4,420 | 5,164 | 2,195 | 3,335 | 4,516 |
| SEEDS, not elsewhere specified: | | | | | | | | | | |
| Linseed or flaxseed | 5 | | 33,061 | 47 | | 52 | | 3 | | |
| All other | 13,721 | 18,004 | 2,783 | 1,043 | 688 | 799 | 4,464 | 8,562 | | 1,810 |
| Total | 13,726 | 18,004 | 35,864 | 1,090 | 688 | 851 | 4,464 | 8,564 | | 1,810 |

a Included partly in "Rice" and partly in "All other dutiable articles."

**No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.**

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **SILK, MANUFACTURES OF:** | | | | | | | | | | |
| Clothing, ready-made, and other wearing apparel | *Dollars.* 173 | *Dollars.* 1,455 | *Dollars.* 1,011 | *Dollars.* 319 | *Dollars.* 1,880 | *Dollars.* 495 | *Dollars.* 956 | *Dollars.* 26,627 | *Dollars.* 5,470 | *Dollars.* 3,321 |
| Dress and piece goods | 122,159 | 39,780 | 16,971 | 16,777 | 6,741 | 8,004 | 31,842 | 91,913 | 191,171 | 66,188 |
| Laces and embroideries | 169 | 3,897 | 19,324 | 27,945 | 22,908 | 8,561 | 8,789 | 846 | 3,281 | 2,374 |
| Ribbons | 32,240 | 62,788 | 11,248 | 8,447 | 6,158 | 173 | 384 | 7,662 | 2,119 | 754 |
| All other | 122,304 | 322,646 | 61,664 | 94,800 | 181,514 | 192,610 | 151,166 | 91,068 | 251,827 | 82,159 |
| Total | 277,045 | 430,566 | 110,218 | 148,288 | 219,201 | 209,843 | 193,137 | 218,116 | 453,868 | 157,796 |
| **SOAP:** | | | | | | | | | | |
| Fancy, perfumed, and all descriptions of toilet soap | 479 | 469 | 620 | 139 | 12 | 90 | 163 | 133 | 24 | 8 |
| All other | 4,346 | 871 | 615 | 2,232 | 1,105 | 3,894 | 3,112 | 3,772 | 6,215 | 7,459 |
| Total | 4,825 | 1,340 | 1,235 | 2,371 | 1,117 | 3,984 | 3,274 | 3,905 | 6,239 | 7,467 |
| **Spices, not elsewhere specified** | 3,752 | 583 | 747 | 35 | 275 | 839 | 437 | 113 | 57 | 4,486 |
| **SPIRITS, DISTILLED:** | | | | | | | | | | |
| Brandy | 23,268 | 38,466 | 29,348 | 24,431 | 17,225 | 30,781 | 34,089 | 19,329 | 17,792 | 15,415 |
| All other | 47,974 | 47,419 | 24,238 | 33,138 | 24,472 | 18,974 | 27,267 | 28,247 | 37,678 | 29,554 |
| Total | 71,242 | 85,885 | 53,586 | 57,569 | 41,697 | 49,755 | 61,356 | 47,567 | 55,470 | 44,969 |
| **Sponges** | 39,705 | 71,166 | 91,902 | 58,790 | 57,427 | 50,089 | 48,005 | 53,013 | 45,603 | 49,160 |
| **SUGAR, MOLASSES, AND CONFECTIONERY:** | | | | | | | | | | |
| Molasses | 110,625 | 25,375 | 26,066 | 50,449 | 123,317 | 101,710 | 149,311 | *a* 38,590 | ..... | ..... |
| Sugar, Dutch standard in color— | | | | | | | | | | |
| Not above No. 13, and tank bottoms, sirups, melada, etc | 257,462 | 114,229 | 390,871 | 335,771 | 629,849 | 137,130 | 595,140 | *a* 120,943 | ..... | ..... |
| Above No. 13, and not above No. 20 | 100,075 | 98,334 | 5,158 | 53 | 261 | 17,184 | 1,470 | *a* 438 | ..... | ..... |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| All above No. 20 | 4,428 | 5,098 | | | | 21 | 404 | 162 | | |
| All above No. 16 | | | | | | | | | 40,229 | 1,639 |
| Confectionery | 828 | 2,429 | 168 | 150 | 513 | 159 | 398 | 3,574 | 1,136 | 463 |
| Total | 473,418 | 245,515 | 332,263 | 386,423 | 753,940 | 256,204 | 746,723 | 163,707 | 41,365 | 2,093 |
| TOBACCO, AND MANUFACTURES OF: | | | | | | | | | | |
| Leaf— | | | | | | | | | | |
| Suitable for cigar wrappers | 316,243 | 573,370 | 666,655 | 642,594 | 906,565 | 882,747 | 891,787 | 1,167 | 132,217 | 818,874 |
| Other | | | | | | | | 579,155 | 300,539 | 269,406 |
| Manufactures of— | | | | | | | | | | |
| Cigars, cigarettes, and cheroots | 62,134 | 62,794 | 36,511 | 23,995 | 25,287 | 31,573 | 22,216 | 25,386 | 29,668 | 26,412 |
| All other | 41,234 | 103,275 | 28,671 | 16,208 | 13,456 | 9,808 | 9,177 | 14,734 | 7,850 | 4,946 |
| Total | 419,611 | 739,439 | 726,817 | 683,797 | 945,308 | 924,127 | 923,180 | 620,442 | 470,269 | 619,638 |
| Toys. (*See* Fancy articles.) | | | | | | | | | | |
| VEGETABLES: | | | | | | | | | | |
| Beans and peas | 121,768 | 135,718 | 123,726 | 123,670 | 70,139 | 164,470 | 165,263 | 133,933 | 137,147 | 56,221 |
| Potatoes | | 147 | 2,135 | 1,417 | 573 | | | | | 92 |
| Pickles and sauces | 980 | 2,844 | 720 | 1,742 | 108 | 1,023 | 2,387 | 906 | 579 | 1,181 |
| All other— | | | | | | | | | | |
| In their natural state | 2,635 | 4,453 | 1,154 | 1,498 | 313 | 348 | 1,607 | 3,628 | 2,544 | 2,861 |
| Prepared or preserved | 10,208 | 4,677 | 2,574 | 4,620 | 3,436 | 2,773 | 1,216 | 3,114 | 4,116 | 9,152 |
| Total | 135,591 | 137,839 | 135,309 | 137,947 | 74,569 | 168,614 | 170,473 | 141,581 | 144,386 | 69,507 |
| WINES: | | | | | | | | | | |
| Champagne, and other sparkling | 21,556 | 50,866 | 46,783 | 100,385 | 24,669 | 29,544 | 29,217 | 24,578 | 28,353 | 15,451 |
| Still wines— | | | | | | | | | | |
| In casks | 32,560 | 41,611 | 30,015 | 31,805 | 28,287 | 23,171 | 19,797 | 14,585 | 18,795 | 9,146 |
| In bottles | 23,748 | 27,080 | 22,507 | 14,744 | 15,323 | 15,305 | 10,786 | 24,243 | 12,022 | 13,708 |
| Total | 77,864 | 119,557 | 99,305 | 146,934 | 68,279 | 68,020 | 59,800 | 63,406 | 59,170 | 38,305 |
| WOOD AND MANUFACTURES OF (n. e. s.): | | | | | | | | | | |
| Unmanufactured | 10 | | 72 | 4 | | | | | | 3,264 |
| Timber, hewn and sawed, squared or sided | | 456 | 551 | | | 15 | | | 195 | |

a For the nine months ending March 31, 1891; for the remaining period, see free of duty.

**No. 162.—VALUES OF THE PRINCIPAL AND OTHER ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Cont'd.**

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| WOOD AND MANUFACTURES OF (n. e. s.)—Cont'd. | | | | | | | | | | |
| Lumber— | | | | | | | | | | |
| Boards, planks, deals, and other sawed lumber | *Dollars.* 687,126 | *Dollars.* 692,430 | *Dollars.* 745,407 | *Dollars.* 1,063,652 | *Dollars.* 936,477 | *Dollars.* 1,418,997 | *Dollars.* 1,071,004 | *Dollars.* 502,698 | *Dollars.* 538,622 | *Dollars.* 320,578 |
| Shingles | 2,402 | 1,392 | 338 | 60 | ..... | 506 | 364 | ..... | ..... | ..... |
| Other lumber | 100,507 | 52,498 | 64,221 | 56,021 | 18,261 | 30,216 | 11,391 | 8,692 | 4,572 | 274 |
| Manufactures of— | | | | | | | | | | |
| Cabinetware or house furniture | 28,689 | 19,177 | 12,455 | 6,676 | 5,336 | 325 | 1,491 | 4,886 | 10,465 | 397 |
| Wood pulp | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,360 | 562 | ..... |
| All other | 113,351 | 132,597 | 106,031 | 61,341 | 38,228 | 27,313 | 13,425 | 49,049 | 66,543 | 86,616 |
| Total | 942,095 | 888,544 | 929,075 | 1,187,754 | 998,302 | 1,477,312 | 1,097,675 | 565,320 | 620,397 | 411,129 |
| WOOLS, HAIR OF THE CAMEL, GOAT, ALPACA, AND OTHER LIKE ANIMALS, AND MANUFACTURES OF: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Clothing wools (class one) | 280,905 | 444,954 | 748,348 | 767,573 | 587,239 | 423,424 | 458,369 | 296,888 | 359,507 | 458,329 |
| Combing wools (class two) | ..... | 55,057 | 6,052 | 18,186 | 27,806 | 4,396 | 25,219 | 3,830 | 8,961 | 22,439 |
| Carpet and other similar wools (class three) | 112,551 | 16,008 | 5,042 | 39,011 | 61,823 | 32,740 | 72,885 | 58,542 | 35,063 | 34,682 |
| Total | 343,456 | 516,019 | 759,442 | 824,770 | 626,868 | 460,560 | 556,473 | 361,260 | 403,531 | 515,470 |
| Manufactures of— | | | | | | | | | | |
| Carpets and carpeting | 18,801 | 14,322 | 4,473 | 5,015 | 4,084 | 378 | 1,078 | 467 | 9,348 | 6,363 |
| Clothing, ready-made, and other wearing apparel, except shawls and knit goods | 80,087 | 228,828 | 30,418 | 8,008 | 4,787 | 30,144 | 20,669 | 13,209 | 16,838 | 11,341 |
| Cloths | 19,881 | 49,073 | 60,638 | 58,677 | 31,697 | 57,307 | 54,990 | 17,448 | 52,592 | 79,259 |
| Dress goods, women's and children's | 79,885 | 171,108 | 136,287 | 72,634 | 72,197 | 56,566 | 52,031 | 44,414 | 100,338 | 90,133 |
| Knit fabrics | 7,203 | 18,187 | 11,531 | 6,893 | 4,199 | 2,641 | 4,075 | 1,449 | 4,602 | 629 |
| Rags, mungo, flocks, noils, shoddy, and wastes | 338 | ..... | 548 | 3,404 | ..... | 4,185 | 2,936 | 46,300 | 8 | 1,075 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Shawls | 7,903 | 21,984 | 8,291 | 3,420 | 6,731 | 7,149 | 3,290 | 3,330 | 3,607 | 759 |
| Yarns | ..... | 9,519 | 159 | 12,832 | 84,607 | 7,155 | 13,325 | 812 | 2,563 | 394 |
| All other | 194,432 | 198,468 | 154,754 | 103,552 | 110,642 | 107,659 | 92,504 | 88,154 | 66,539 | 55,968 |
| Total | 348,530 | 706,484 | 407,089 | 274,435 | 288,944 | 273,134 | 244,898 | 215,578 | 256,430 | 245,921 |
| ZINC OR SPELTER, AND MANUFACTURES OF: | | | | | | | | | | |
| In blocks or pigs, and old | ..... | 142 | 186 | 175 | ..... | ..... | ..... | ..... | ..... | 203 |
| Manufactures of | 150 | 168 | 459 | 7 | 18 | 23 | 115 | 189 | 715 | ..... |
| Total | 150 | 310 | 645 | 182 | 18 | 23 | 115 | 189 | 715 | 203 |
| All other dutiable articles | 126,833 | 183,723 | 106,185 | 135,094 | 114,365 | 131,083 | 82,140 | 107,892 | 434,648 | 196,954 |
| TOTAL VALUE OF DUTIABLE MERCHANDISE. | 8,433,374 | 8,605,299 | 7,941,982 | 7,455,134 | 7,657,498 | 7,334,959 | 7,992,493 | 7,647,069 | 9,990,002 | 10,780,369 |
| TOTAL VALUE OF MERCHANDISE FREE OF DUTY | 7,115,383 | 6,901,510 | 5,618,319 | 5,705,154 | 4,434,905 | 4,783,807 | 4,542,363 | 5,163,458 | 4,556,135 | 5,854,040 |
| TOTAL VALUE OF EXPORTS OF FOREIGN MERCHANDISE | 15,548,757 | 15,506,809 | 13,560,301 | 13,160,288 | 12,092,403 | 12,118,766 | 12,534,856 | 12,810,527 | 14,546,137 | 16,634,409 |

## No. 163.—QUANTITIES OF THE PRINCIPAL ARTICLES OF FOREIGN MERCHANDISE EXPORTED FROM THE UNITED STATES DURING THE TEN YEARS FROM 1884 TO 1893, INCLUSIVE.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY.** | | | | | | | | | | |
| Asphaltum or bitumen, crude ....tons.. | ..... | ..... | 343 | 181 | 59 | 59 | 230 | 398 | 84 | 198 |
| CHEMICALS, DRUGS, AND DYES, not elsewhere specified: | | | | | | | | | | |
| Alizarin, natural or artificial, including extract of madder....lbs.. | ..... | 50, 875 | ..... | ..... | ..... | ..... | ..... | 1, 233 | ..... | 2, 870 |
| Argal, or argol, or crude tartar....lbs.. | ..... | 2, 030 | ..... | ..... | ..... | ..... | ..... | 350 | ..... | ..... |
| Barks: Chinchona, or other, from which quinine may be extracted....lbs.. | 517, 044 | ..... | 9, 457 | 5, 252 | 2, 712 | ..... | ..... | ..... | ..... | 822 |
| Cochineal....lbs.. | ..... | 4, 917 | ..... | 606 | ..... | ..... | ..... | ..... | ..... | 183 |
| Dyewoods— | | | | | | | | | | |
| Logwood ....tons.. | 75 | 370 | 405 | 1 | 90 | 175 | 100 | 118 | ..... | ..... |
| Gums— | | | | | | | | | | |
| Arabic....lbs.. | 2, 705 | ..... | 23, 423 | 17, 597 | 1, 832 | 10, 625 | 7, 091 | 13, 077 | 56, 429 | 2, 621 |
| Camphor, crude ....lbs.. | ..... | 250 | 68, 806 | 220 | 22, 197 | ..... | ..... | 112 | ..... | 70, 068 |
| Gambier or terra japonica ....lbs.. | 40, 897 | 52, 066 | 43, 068 | 35, 123 | 25, 283 | 45, 075 | 8, 206 | 790 | 10, 305 | 342, 287 |
| Shellac....lbs.. | 1, 550 | ..... | 358 | 2, 348 | 513 | ..... | 25 | 4 | 124, 055 | 30, 719 |
| All other....lbs.. | 9, 842 | 62, 564 | 58, 108 | 169, 373 | 196, 587 | 159, 178 | 33, 633 | ..... | ..... | ..... |
| Indigo ....lbs.. | 74, 238 | 36, 469 | 2, 494 | 20, 038 | 2, 470 | 22, 687 | 28, 775 | 527 | 10, 035 | 22, 333 |
| Lime, chloride of, or bleaching powder ....lbs.. | 2, 105 | ..... | 11, 083 | 11, 611 | 15, 000 | ..... | ..... | 1, 900 | ..... | ..... |
| Mineral waters, all not artificial ....galls.. | 185 | ..... | 250 | 597 | 2, 584 | 1, 428 | 2, 635 | 2, 871 | 2, 457 | 73 |
| Opium, crude, or unmanufactured....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | a 6, 903 | 2, 289 | 5, 047 |
| Potash....lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | b 787 | ..... | 28, 016 |
| Quinia, sulphate of, and all alkaloids or salts of cinchona bark ....oz.. | 45, 500 | 72 | ..... | 162 | 5, 098 | 50 | 5, 000 | 75 | 26 | 64 |
| Soda, nitrate of....tons.. | 125 | 15 | 96 | 2, 664 | 240 | 2 | 157 | 153 | 190 | 1, 801 |
| Sulphur or brimstone, crude ....tons.. | ..... | 10 | 19 | 20 | 4 | ..... | 3 | ..... | 50 | 15 |
| Vanilla beans....lbs.. | 7, 843 | 267 | 9, 855 | 1, 568 | 11, 281 | 8, 962 | 1, 469 | 2, 441 | 4, 891 | 1, 496 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Cocoa, or cacao, crude, and leaves and shells of..lbs.. | 1, 618, 960 | 1, 873, 333 | 2, 451, 408 | 1, 961, 859 | 1, 810, 589 | 1, 499, 476 | 1, 593, 954 | 1, 939, 308 | 1, 416, 595 | 1, 488, 167 |
| Coffee (*See also* Dutiable).....lbs.. | 26, 152, 679 | 33, 325, 196 | 27, 495, 752 | 25, 289, 563 | 15, 083, 019 | 17, 365, 354 | 8, 997, 220 | 8, 486, 973 | 9, 172, 866 | 8, 910, 837 |
| Cotton, unmanufactured .....lbs.. | 1, 353, 936 | 1, 609, 260 | 1, 276, 961 | 716, 371 | 203, 972 | 187, 959 | 248, 104 | 447, 794 | 182, 777 | 260, 332 |
| Eggs .....doz.. | ..... | ..... | 11, 700 | 11, 750 | 9, 929 | 245 | ..... | *e* ..... | *e* ..... | *e* ..... |
| Fertilizers: Guano .. .....tons.. | 349 | 27 | 10 | ..... | 3 | 750 | 9 | ..... | 1 | 6 |
| Fish, not elsewhere specified: | | | | | | | | | | |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled .....lbs.. | 1, 797, 767 | 3, 562, 565 | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... |
| Herring— | | | | | | | | | | |
| Dried or smoked.....lbs.. | 11, 535 | 33, 400 | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... |
| Pickled.....bbls.. | 993 | 322 | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... |
| Mackerel, pickled .....bbls.. | 32 | 41 | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... |
| Salmon, pickled .....bbls.. | 36 | ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... | *d* ..... |
| India rubber and gutta-percha, crude .....lbs.. | 539, 947 | 460, 310 | 119, 924 | 638, 317 | 372, 731 | 405, 218 | 330, 032 | 1, 093, 259 | 1, 609, 391 | 1, 091, 085 |
| Ivory: | | | | | | | | | | |
| Animal .....lbs.. | ..... | 7, 911 | 1, 095 | 4, 560 | 3, 412 | 738 | ..... | 579 | 10, 123 | 32, 987 |
| Vegetable .....lbs.. | 1, 576, 798 | 3, 082, 216 | 1, 059, 573 | 554, 629 | 209, 497 | 2, 500 | ..... | ..... | 157, 200 | 5, 012 |
| Oils, not elsewhere specified: | | | | | | | | | | |
| Fixed or expressed .....lbs.. | 1, 405, 927 | 2, 556, 374 | 779, 411 | 3, 931, 446 | 1, 640, 143 | 331, 181 | 2, 192, 059 | 733, 542 | 516, 572 | 879, 191 |
| Volatile or essential .....lbs.. | 673 | 6, 539 | 6, 359 | 3, 059 | 11, 663 | 6, 740 | 7, 120 | 6, 728 | 5, 330 | 5, 520 |
| Paper stock, crude: | | | | | | | | | | |
| Rags, other than woolen .....lbs.. | ..... | 6, 782 | 1, 400 | 27, 912 | 27, 202 | 3, 375 | 9, 568 | ..... | 5, 960 | 36, 455 |
| Platinum, unmanufactured .....lbs.. | 168 | ..... | ..... | ..... | 204 | ..... | ..... | ..... | ..... | 2 |
| Plumbago.....tons.. | ..... | 192 | 33 | ..... | 23 | ..... | ..... | 1 | 35 | 2 |
| Silk, unmanufactured: | | | | | | | | | | |
| Cocoons.....lbs.. | 275 | 698 | ..... | ..... | ..... | ..... | 118 | ..... | ..... | ..... |
| Raw, or as reeled from the cocoon .....lbs.. | 5, 214 | 1, 630 | 2, 700 | 7, 779 | 18, 102 | 12, 468 | 18, 805 | 281 | 55 | 29, 608 |
| Waste .....lbs.. | 13, 582 | 4, 245 | 6, 000 | 1, 098 | 4, 118 | ..... | ..... | ..... | 8, 137 | ..... |
| Spices, unground: | | | | | | | | | | |
| Nutmegs .....lbs.. | 1, 661 | 1, 722 | 14, 435 | 5, 497 | 9, 560 | 4, 298 | 8, 922 | 2, 946 | 3, 783 | 6, 739 |
| Pepper, black or white .....lbs.. | 409, 164 | 1, 644, 899 | 555, 881 | 479, 750 | 663, 583 | 435, 667 | 445, 273 | 443, 070 | 545, 843 | 337, 339 |
| All other.....lbs.. | 1, 186, 798 | 445, 752 | 309, 747 | 1, 286, 654 | 792, 138 | 453, 951 | 1, 091, 281 | 1, 434, 852 | 914, 049 | 1, 172, 697 |

*a* From October 6, 1890; for the preceding period, see "Opium," dutiable.
*b* From October 6, 1890; for preceding period included in "Chemicals, all other," dutiable.
*c* Dutiable after October 5, 1890.
*d* See dutiable fish.

No. 163.—QUANTITIES OF THE PRINCIPAL ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **FREE OF DUTY—Continued.** | | | | | | | | | | |
| SUGAR, NOT ELSEWHERE SPECIFIED, AND MOLASSES: | | | | | | | | | | |
| Molasses ..... galls.. | | | | | | | | a10, 797 | 37, 616 | 160, 385 |
| Sugar, not above No. 16, Dutch standard in color ..... lbs.. | | | | | | | | a45, 500 | 3, 695, 366 | 3, 441, 680 |
| Tea ..... lbs.. | 7, 668, 966 | 5, 730, 591 | 3, 014, 847 | 2, 350, 035 | 622, 223 | 383, 731 | 391, 873 | 1, 057, 415 | 468, 296 | 930, 199 |
| TEXTILE GRASSES, OR FIBROUS VEGETABLE SUBSTANCES, not elsewhere specified: | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Istle, or Tampico fiber ..... tons.. | | | | | | | | 92, 505 | 2, 371 | 1, 870 |
| Jute and jute butts ..... tons.. | | | | | | | | a331 | 550 | 179 |
| Sisal grass ..... tons.. | | | | | | | | a460 | 464 | 1, 002 |
| All other ..... tons.. | | | | | | | | a951 | 311 | 2, 810 |
| Manufactures of— | | | | | | | | | | |
| Coir yarn ..... lbs.. | | | | | | | | 44, 900 | | 278, 969 |
| Tin in bars, blocks, pigs, or grain or granulated ..... lbs.. | 68, 205 | 66, 516 | 135, 805 | 121, 805 | 225, 077 | 116, 533 | 155, 858 | 83, 113 | 59, 518 | 234, 204 |
| ARTICLES ADMITTED FREE UNDER RECIPROCITY TREATY WITH HAWAIIAN ISLANDS: | | | | | | | | | | |
| Rice ..... lbs.. | 4, 500 | 37, 500 | 44, 307 | 32, 300 | 29, 100 | 19, 000 | 22, 300 | 5, 317 | 14, 500 | 59, 500 |
| Molasses ..... galls.. | 5, 632 | 3, 093 | 279 | 4, 779 | ..... | ..... | 95 | ..... | ..... | ..... |
| Sugar, brown ..... lbs.. | ..... | 200 | ..... | ..... | 695 | ..... | ..... | ..... | ..... | ..... |
| **DUTIABLE.** | | | | | | | | | | |
| ANIMALS, not elsewhere specified: | | | | | | | | | | |
| Cattle ..... No.. | 1 | 20 | ..... | ..... | ..... | ..... | 8 | ..... | ..... | 16 |
| Horses ..... No.. | 173 | 40 | 18 | 27 | 8 | 15 | 10 | 17 | 46 | 153 |
| Sheep ..... No.. | 3, 672 | 710 | 50 | 150 | 231 | ..... | ..... | ..... | ..... | 11 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BREADSTUFFS: | | | | | | | | | | |
| Barley ..... bush.. | ..... | 6,598 | 14,414 | 41,616 | 4,509 | ..... | 9,793 | 300,741 | 504,301 | 33,963 |
| Oats ..... bush.. | 3,800 | 7 | 68,763 | ..... | ..... | ..... | 128 | ..... | 6,966 | ..... |
| Oatmeal ..... lbs.. | 48 | ..... | ..... | ..... | 96,300 | ..... | 374,680 | 294 | 96 | 71,900 |
| Rye ..... bush.. | 746,806 | 284,957 | 83,977 | 124,827 | 7,936 | ..... | 157,732 | 122,126 | 20,347 | ..... |
| Wheat ..... bush.. | 100,995 | 281,469 | 345,962 | 358,446 | 490,732 | 221,495 | 170,377 | 582,774 | 1,838,370 | 572,750 |
| Wheat flour ..... bbls.. | 250 | ..... | 370 | ..... | 2,575 | 50 | 2,296 | 8,410 | 102 | ..... |
| Bristles ..... lbs.. | 29,412 | 21,920 | 35,265 | 26,322 | 37,250 | 32,010 | 47,226 | 43,385 | 36,153 | 26,046 |
| Cement ..... lbs.. | 2,079,600 | 2,628,800 | 3,467,600 | 5,699,600 | 3,570,000 | 1,898,400 | 2,633,200 | 3,600,800 | 6,164,800 | 8,128,200 |
| CHEMICALS, DRUGS, DYES, AND MEDICINES, N. E. S.: | | | | | | | | | | |
| Glycerin ..... lbs.. | 103,609 | 83,173 | 26,135 | 21,633 | 49,142 | 14,698 | 55,575 | 12,200 | 703 | 50 |
| Logwood and other dyewoods, extracts and decoctions of ..... lbs.. | ..... | 34,000 | 20,477 | 2,000 | 623,010 | 483,147 | 2,530 | 4,168 | 9,530 | 62,287 |
| Opium— | | | | | | | | | | |
| Crude ..... lbs.. | 20,299 | 18,378 | 42,408 | 64,168 | 33,303 | 41,329 | 93,772 | d 7,065 | ..... | ..... |
| Prepared for smoking ..... lbs.. | ..... | 10 | 5 | ..... | 50 | ..... | ..... | 34 | 18 | ..... |
| Potash, nitrate of, or saltpeter, crude ..... lbs.. | ..... | 22,179 | 633 | 434,850 | 363,733 | ..... | 30,298 | ..... | ..... | ..... |
| Soda— | | | | | | | | | | |
| Bicarbonate or supercarbonate of ..... lbs.. | 8,832 | 11,396 | 58,568 | 64,781 | 30,718 | 40,498 | 56,507 | 79,538 | 58,960 | ..... |
| Caustic ..... lbs.. | 943,663 | 1,199,593 | 1,246,671 | 1,070,178 | 1,703,545 | 2,151,874 | 1,888,081 | 2,003,902 | 2,296,823 | 1,469,421 |
| Sal soda and soda ash ..... lbs.. | 51,971 | 62,391 | 115,898 | 127,123 | 34,821 | 77,879 | 117,142 | 111,524 | 17,581 | 77,600 |
| All other salts of ..... lbs.. | 31,676 | 21,402 | 22,883 | 13,449 | 6,800 | ..... | 28,874 | 234 | ..... | 68,325 |
| Sumac, ground ..... lbs.. | ..... | 111,640 | 330 | 33,526 | 45,044 | ..... | ..... | 3,255 | 22,980 | 500 |
| Clays or earths of all kinds, including china clay or kaolin ..... tons.. | 114 | 5 | 25 | 12 | ..... | 13 | 45 | 48 | 18 | 116 |
| Coal, bituminous ..... tons.. | 994 | 378 | 7,718 | 164 | 355 | 115 | 919 | 1,260 | 565 | 8 |
| Coffee (under section 3, tariff act of October 1, 1890; see also free of duty) ..... lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,366,174 | 3,162,961 |
| COPPER, AND MANUFACTURES OF: | | | | | | | | | | |
| Ore (fine copper contained therein) ..... lbs.. | 367,662 | 36,475 | 205,488 | 63,724 | 40,554 | 926,788 | 1,368,363 | 1,913,861 | 1,741,471 | 671,897 |
| Pigs, bars, ingots, old, and other unmanufactured ..... lbs.. | 41,159 | 350,336 | 105,697 | 211,838 | 723,897 | 147,143 | 243,351 | 377,510 | 1,261,384 | 1,046,961 |

a From April 1, 1891; for preceding period; see "Sugar and molasses," dutiable.

b From October 6, 1890; for the preceding period, included in "All other textile grasses, etc.," free of duty.

c From October 6, 1890; for the preceding period, see dutiable.

d Prior to October 6, 1890; for the remaining period, see "Opium, crude," free of duty.

## No. 163.—QUANTITIES OF THE PRINCIPAL ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **COTTON, MANUFACTURES OF:** | | | | | | | | | | |
| Cloth— | | | | | | | | | | |
| Not bleached, dyed, colored, stained, painted, or printed.....sq. yards.. | 27,497 | 2,944 | 493 | 29,869 | 65,880 | 25,226 | 46,054 | 7,052 | 720 | 10,500 |
| Bleached, dyed, colored, stained, painted, or printed.....sq. yards.. | 479,973 | 237,326 | 1,830,765 | 236,943 | 141,199 | 180,620 | 198,956 | 196,473 | 298,965 | 223,376 |
| Thread (not on spools), yarn, warps, or warp yarn.....lbs.. | 5,014 | 5,209 | 2,135 | 934 | 2 | 352 | 2,311 | 4,557 | ..... | 1,700 |
| **FISH, not elsewhere specified:** | | | | | | | | | | |
| Cod, haddock, hake, and pollock, dried, smoked, or pickled.....lbs.. | (a) | (a) | 3,552,900 | 4,288,470 | 5,284,124 | 4,646,968 | 4,366,877 | 5,752,434 | 4,876,817 | 6,302,780 |
| Herring— | | | | | | | | | | |
| Dried or smoked.....lbs.. | (a) | (a) | 237,500 | 61,720 | 243,825 | 667,907 | 911,607 | 1,066,707 | 858,041 | 938,605 |
| Pickled or salted.....bbls.. | (a) | 35 | 5,536 | 2,668 | 5,049 | 2,756 | 1,429 | 2,377 | 2,365 | 2,566 |
| Mackerel, pickled or salted.....bbls.. | (a) | (a) | 15,344 | 15,834 | 10,402 | 682 | 71 | 1,953 | 3,760 | 1,363 |
| Salmon, pickled or salted.....lbs.. | (a) | (a) | 4,600 | 5,400 | 85,000 | 12,600 | ..... | 14,300 | 100 | 14,300 |
| **FLAX, HEMP, JUTE, AND OTHER VEGETABLE SUBSTANCES, AND MANUFACTURES OF:** | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Flax.....tons.. | ..... | ..... | 55 | ..... | ..... | 1 | ..... | ..... | ..... | 47 |
| Hemp.....tons.. | 848 | 649 | 247 | 346 | 1,472 | 179 | 248 | 70 | 210 | 249 |
| Jute.....tons.. | 1,474 | 412 | 187 | 234 | 351 | 97 | 419 | *b* 35 | ..... | ..... |
| Sisal grass, and other vegetable substances.....tons.. | 5,927 | 5,035 | 5,301 | 3,009 | 893 | 1,765 | 2,168 | *b* 599 | ..... | ..... |
| Manufactures of— | | | | | | | | | | |
| Cables, cordage, and twine.....lbs.. | 194,471 | 176,433 | 111,959 | 26,662 | 28,552 | 25,018 | 29,172 | 19,198 | 11,089 | 86,511 |
| **FRUITS, INCLUDING NUTS, not elsewhere specified:** | | | | | | | | | | |
| Figs.....lbs.. | 11,263 | 41,244 | 43,998 | 35,471 | 70,532 | 334,104 | 107,729 | 52,002 | 65,396 | 166,522 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Plums and prunes ..... lbs.. | 182, 404 | 79, 117 | 309, 144 | 496, 784 | 1, 406, 370 | 1, 075, 261 | 1, 113, 210 | 1, 161, 532 | 1, 009, 451 | 893, 923 |
| Raisins ..... lbs.. | 2, 067, 881 | 831, 173 | 1, 873, 566 | 1, 073, 873 | 737, 929 | 795, 924 | 1, 213, 623 | 2, 696, 563 | 3, 126, 630 | 2, 284, 255 |
| Nuts— | | | | | | | | | | |
| Almonds ..... lbs.. | 140, 496 | 144, 754 | 296, 731 | 91, 009 | 87, 449 | 192, 760 | 127, 887 | 263, 696 | 261, 373 | 184, 816 |
| GLASS AND GLASSWARE: | | | | | | | | | | |
| Cylinder, crown, and common window glass, unpolished ..... lbs.. | 35, 336 | 8, 758 | 10, 009 | 24, 809 | 6, 305 | 150 | 1, 000 | 22, 812 | 40, 305 | 4, 752 |
| Plate glass— | | | | | | | | | | |
| Fluted, rolled, or rough ..... sq. feet.. | 4, 000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cast, polished, unsilvered ..... sq. feet.. | ..... | ..... | 899 | 60 | 371 | ..... | 16, 339 | ..... | ..... | ..... |
| Cast, polished, silvered ..... sq. feet.. | 2, 834 | 281 | ..... | 1, 583 | 2, 360 | 54 | 181 | ..... | 3, 071 | ..... |
| Hay ..... tons.. | ..... | ..... | 9 | ..... | 12 | ..... | 21 | 9 | 151 | 12 |
| HIDES AND SKINS OTHER THAN FUR SKINS (under section 3, tariff act of October 1, 1890; see also free of duty): | | | | | | | | | | |
| Goat skins ..... lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 555 |
| All other ..... lbs.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 140, 546 | 1, 280, 072 |
| Hops ..... lbs.. | 82, 967 | 12, 616 | 45, 900 | 437, 279 | 408, 643 | 284, 344 | 413, 869 | 222, 968 | 176, 417 | 85, 804 |
| IRON AND STEEL, AND MANUFACTURES OF: | | | | | | | | | | |
| Pig iron ..... tons.. | 524 | 699 | 555 | 231 | 571 | 470 | ..... | 280 | 159 | 100 |
| Scrap iron and steel, fit only to be remanufactured ..... tons.. | 10 | ..... | 410 | 613 | 762 | 1, 171 | 218 | 778 | 371 | 117 |
| Bar iron, rolled or hammered ..... lbs.. | 477, 261 | 211, 807 | 126, 620 | 86, 906 | 105, 201 | 1, 151, 077 | 90, 503 | 127, 711 | 67, 784 | 31, 966 |
| Bars, railway, of iron or steel, or in part of steel ..... tons.. | 29, 111 | 8, 157 | 2 | 396 | 504 | ..... | ..... | 19 | 100 | ..... |
| Hoops or ties for baling purposes, barrel hoops, and hoop or band iron or steel, flared, splayed, or punched ..... lbs.. | 1, 640 | 4, 266 | 13, 540 | ..... | 5, 350 | ..... | 143, 818 | 20, 375 | ..... | ..... |
| Hoop, band, or scroll iron or steel ..... lbs.. | 41, 910 | 13, 400 | 6, 913 | 29, 190 | 29, 914 | 8, 720 | ..... | | | |
| Ingots, blooms, slabs, billets, and bars of steel, and steel in forms not elsewhere specified. lbs.. | 64, 900 | 39, 765 | 82, 675 | 70, 817 | 41, 857 | 86, 228 | 100, 674 | 4, 069 | 84, 619 | 105, 483 |
| Sheet, plate, and taggers iron ..... lbs.. | 143, 505 | 73, 776 | 108, 513 | 111, 308 | 16, 040 | 42, 906 | 8, 617 | 85, 920 | 213, 733 | 195, 163 |
| Tin plates, terne plates, and taggers tin ... lbs.. | 801, 703 | 481, 571 | 1, 831, 801 | 1, 067, 299 | 981, 667 | 1, 291, 393 | 1, 550, 239 | 1, 287, 125 | 630, 175 | 1, 219, 357 |

a See free fish. b Prior to October 6, 1890; for the remaining period see free of duty.

No. 163.—QUANTITIES OF THE PRINCIPAL ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued** | | | | | | | | | | |
| IRON AND STEEL, AND MANUFACTURES OF—Cont'd. | | | | | | | | | | |
| Wire rods, of iron or steel ..... lbs.. | 185, 820 | ..... | 5, 900 | 32, 960 | 398, 686 | 158, 337 | ..... | 2, 937 | 11, 820 | ..... |
| Wire, and wire rope and strand, iron or steel .. | 371, 625 | 191, 171 | 238, 667 | 106, 262 | 178, 496 | 82, 392 | 269, 305 | 290, 220 | 171, 725 | 54, 539 |
| Manufactures of, not elsewhere specified— | | | | | | | | | | |
| Anvils ..... lbs.. | 14, 091 | 22, 652 | 7, 336 | 14, 532 | 52, 459 | 3, 189 | 226, 265 | 55, 786 | 5, 022 | 580 |
| Chains ..... lbs.. | 32, 700 | 59, 613 | 4, 298 | ..... | 18, 051 | 18, 869 | 10, 300 | 88, 721 | 28, 498 | 10, 699 |
| Malt barley ..... bush.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1, 191 | ..... |
| MALT LIQUORS: | | | | | | | | | | |
| In bottles or jugs ..... galls.. | 9, 025 | ..... | 8, 349 | 6, 671 | 2, 166 | 5, 828 | 11, 300 | 8, 296 | 6, 312 | 9, 007 |
| Not in bottles or jugs ..... galls.. | 1, 340 | 7, 549 | 1, 019 | 1, 118 | 300 | 1, 684 | 538 | 290 | 119 | 6, 717 |
| OILS, not elsewhere specified: | | | | | | | | | | |
| Animal or rendered— | | | | | | | | | | |
| Whale and fish ..... galls.. | 16, 825 | 38, 823 | 7, 220 | 8, 691 | 2, 709 | 22, 957 | 5, 051 | 5, 226 | 4, 396 | 27, 128 |
| Mineral ..... galls.. | ..... | 2, 400 | ..... | ..... | 2, 000 | ..... | 92, 000 | 1, 803 | 208 | 637 |
| Vegetable— | | | | | | | | | | |
| Fixed or expressed— | | | | | | | | | | |
| Olive salad ..... galls.. | 1, 523 | 3, 562 | 2, 081 | 2, 312 | 1, 999 | 1, 409 | 2, 658 | 1, 810 | 2, 075 | 1, 838 |
| Other ..... galls.. | 22, 308 | 62, 048 | 50, 823 | 31, 465 | 33, 008 | 48, 928 | 36, 909 | 43, 748 | 32, 711 | 26, 443 |
| Volatile or essential ..... lbs.. | 4, 803 | 1, 727 | 924 | 1, 321 | 875 | 12, 870 | 742 | 780 | 2, 282 | 1, 460 |
| PROVISIONS, COMPRISING MEAT AND DAIRY PRODUCTS: | | | | | | | | | | |
| Dairy products— | | | | | | | | | | |
| Butter ..... lbs.. | 25, 613 | 33, 132 | 170 | 221 | ..... | 4, 603 | 566 | 31, 378 | 2, 565 | 995 |
| Cheese ..... lbs.. | 74, 501 | 98, 898 | 43, 575 | 61, 233 | 45, 783 | 66, 505 | 96, 358 | 89, 695 | 93, 834 | 119, 283 |
| RICE, not elsewhere specified: | | | | | | | | | | |
| Rice ..... lbs.. | 10, 146, 154 | 8, 592, 660 | 6, 215, 400 | 4, 333, 769 | 5, 366, 623 | 8, 304, 324 | 6, 581, 315 | 8, 114, 257 | 10, 577, 423 | 10, 811, 072 |
| Rice flour, rice meal, and broken rice ..... lbs.. | a..... | a..... | 220, 170 | ..... | ..... | ..... | ..... | ..... | ..... | 81, 230 |
| Salt ..... lbs.. | 2, 170, 087 | 2, 200, 069 | 2, 372, 665 | 1, 903, 703 | 537, 735 | 933, 419 | 3, 524, 603 | 1, 822, 814 | 3, 622, 665 | 1, 441, 299 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SEEDS, not elsewhere specified: | | | | | | | | | | |
| Linseed or flaxseed ..... bush.. | 5 | ..... | 80, 914 | 44 | ..... | 25 | ..... | 1 | ..... | ..... |
| SOAP: | | | | | | | | | | |
| Fancy, perfumed, and all descriptions of toilet soap ..... lbs.. | 2, 123 | 2, 699 | 2, 170 | 479 | 15 | 430 | 536 | 341 | 24 | 8 |
| All other ..... lbs.. | 72, 069 | 16, 682 | a..... | a..... | a..... | a..... | a..... | a..... | a..... | a..... |
| Spices, ground ..... lbs.. | 16, 529 | 2, 113 | 2, 881 | 110 | 1, 370 | 2, 969 | 2, 347 | 3, 197 | 318 | 74, 709 |
| SPIRITS, DISTILLED: | | | | | | | | | | |
| Brandy ..... proof galls.. | 12, 158 | 17, 641 | 14, 158 | 10, 987 | 8, 122 | 15, 237 | 19, 672 | 16, 707 | 15, 853 | 17, 690 |
| All other ..... proof galls.. | 46, 583 | 68, 260 | 25, 276 | 38, 619 | 23, 273 | 33, 935 | 38, 263 | 34, 540 | 59, 470 | 20, 264 |
| SUGAR, MOLASSES, AND CONFECTIONERY: | | | | | | | | | | |
| Molasses ..... galls.. | 521, 469 | 146, 837 | 167, 533 | 370, 785 | 736, 276 | 731, 058 | 801, 968 | b 225, 687 | ..... | ..... |
| Sugar, Dutch standard in color— | | | | | | | | | | |
| Not above No. 13, and tank bottoms, sirups, melada, etc. ..... lbs.. | 7, 929, 419 | 8, 632, 061 | 11, 260, 708 | 13, 435, 617 | 25, 749, 333 | 5, 100, 720 | 20, 246, 843 | b 4, 559, 637 | ..... | ..... |
| Above No. 13, and not above No. 20 ... lbs.. | 1, 432, 846 | 1, 723, 052 | 146, 022 | 873 | 3, 311 | 390, 915 | 18, 570 | 11, 166 | ..... | ..... |
| All above No. 20 ..... lbs.. | 47, 833 | 68, 150 | ..... | ..... | ..... | 548 | 4, 695 | 1, 340 | ..... | ..... |
| All above No. 16 ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 863, 863 | 44, 275 |
| TOBACCO, AND MANUFACTURES OF: | | | | | | | | | | |
| Leaf: | | | | | | | | | | |
| Suitable for cigar wrappers ..... lbs.. | 823, 504 | 1, 164, 637 | 1, 294, 496 | 1, 168, 693 | 1, 578, 290 | 1, 576, 611 | 1, 797, 377 | 2, 131 | 256, 623 | 466, 255 |
| Other ..... lbs.. | | | | | | | | 1, 274, 328 | 887, 255 | 713, 723 |
| Cigars, cigarettes, and cheroots ..... lbs.. | 40, 052 | 35, 615 | 28, 646 | 17, 193 | 16, 717 | 16, 439 | 16, 613 | 17, 347 | 20, 145 | 26, 658 |
| VEGETABLES: | | | | | | | | | | |
| Beans and peas ..... bush.. | 120, 983 | 121, 792 | 176, 889 | 199, 456 | 95, 582 | 215, 314 | 213, 134 | 158, 567 | 159, 463 | 50, 076 |
| Potatoes ..... bush.. | ..... | 268 | 3, 431 | 2, 165 | 1, 040 | ..... | ..... | ..... | ..... | 102 |
| WINES: | | | | | | | | | | |
| Champagne, and other sparkling ..... doz.. | 2, 040 | 4, 419 | 8, 678 | 7, 500 | 2, 058 | 2, 205 | 2, 355 | 1, 947 | 2, 265 | 1, 192 |
| Still wines— | | | | | | | | | | |
| In casks ..... galls.. | 56, 329 | 73, 630 | 54, 870 | 55, 526 | 40, 883 | 46, 715 | 32, 200 | 26, 711 | 35, 330 | 15, 785 |
| In bottles ..... doz.. | 6, 168 | 5, 667 | 5, 408 | 4, 089 | 4, 266 | 4, 339 | 3, 435 | 6, 539 | 3, 128 | 4, 943 |

a Not stated. b Prior to April 1, 1891; for the remaining period, see "Free of duty."

No. 163.—QUANTITIES OF THE PRINCIPAL ARTICLES OF FOREIGN MERCHANDISE EXPORTED, ETC., FROM 1884 TO 1893—Continued.

| Articles. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| **DUTIABLE—Continued.** | | | | | | | | | | |
| **WOOD, N. E. S., AND MANUFACTURES OF:** | | | | | | | | | | |
| Boards, planks, deals, and other sawed lumber.....M feet.. | 58,489 | 54,232 | 82,747 | 80,207 | 89,297 | 107,002 | 82,271 | 42,440 | 42,907 | 26,731 |
| Shingles.....M.. | 1,272 | 776 | 167 | 80 | ..... | 219 | 264 | ..... | ..... | ..... |
| Wood pulp.....tons.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 61 | 11 | ..... |
| **WOOLS, HAIR OF THE CAMEL, GOAT, ALPACA, AND OTHER LIKE ANIMALS, AND MANUFACTURES OF:** | | | | | | | | | | |
| Unmanufactured— | | | | | | | | | | |
| Clothing wools (class one).....lbs.. | 1,475,949 | 2,771,620 | 6,422,125 | 6,214,410 | 2,758,792 | 2,953,152 | 2,530,022 | 2,061,127 | 2,655,658 | 2,787,188 |
| Combing wools (class two).....lbs.. | ..... | 192,071 | 58,351 | 141,212 | 106,411 | 16,263 | 111,580 | 83,220 | 83,545 | 121,496 |
| Carpet and other similar wools (class three).....lbs.. | 328,752 | 151,648 | 58,940 | 372,670 | 492,528 | 293,680 | 646,365 | 523,666 | 296,360 | 359,953 |
| Manufactures of— | | | | | | | | | | |
| Carpets and carpeting.....sq. yards.. | 11,710 | 14,503 | 2,231 | 2,519 | 1,948 | 157 | 1,595 | 108 | 2,201 | 1,489 |
| Cloths.....lbs.. | 15,451 | 41,059 | 60,237 | 55,486 | 36,894 | 71,013 | 54,571 | 18,664 | 39,239 | 104,000 |
| Dress goods, women's and children's.....sq. yards.. | 332,632 | 861,304 | 729,403 | 391,015 | 300,411 | 269,998 | 226,317 | 232,189 | 509,761 | 466,230 |
| Rags, mungo, flocks, noils, shoddy, and wastes.....lbs.. | 5,625 | ..... | 1,392 | 10,295 | ..... | 11,314 | 6,206 | 156,239 | 417 | 2,940 |
| Yarns.....lbs.. | a ..... | 11,196 | 194 | 20,038 | 76,845 | 11,664 | 27,852 | 1,430 | 4,536 | 641 |
| **ZINC, OR SPELTER, AND MANUFACTURES OF:** | | | | | | | | | | |
| In blocks or pigs, and old.....lbs.. | ..... | 3,610 | 4,515 | 13,496 | ..... | ..... | ..... | ..... | ..... | ..... |

a Not stated.

No. 164.—Values of DOMESTIC MERCHANDISE, grouped according to SOURCES of PRODUCTION, EXPORTED from the United States during the Years ending June 30, 1860, 1870, and from 1875 to 1893, inclusive.

| Year ending June 30— | Exports of domestic merchandise other than manufactures. a | | | | | | | | | | | | Exports of domestic manufactures. | | Total exports of domestic merchandise. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Agriculture. | | Mining. | | Forest. | | Fisheries. | | Miscellaneous. | | Total. | | | | |
| | Values. | Per ct. | Values. | P. ct. | Values. | P. ct. | Values. | P. ct. | Values. | P. ct. | Values. | Per ct. | Values. | Per ct. | Values. |
| | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| 1860 | 256,560,972 | 81.13 | 698,465 | .21 | 10,299,959 | 3.26 | 4,155,480 | 1.31 | 3,879,655 | 1.23 | 275,896,531 | 87.24 | 40,345,892 | 12.76 | 316,242,423 |
| 1870 | 361,188,483 | 79.35 | 5,026,111 | 1.10 | 14,897,963 | 3.27 | 2,835,508 | .62 | 2,960,512 | .66 | 386,928,577 | 85.00 | 68,279,764 | 15.00 | 455,208,341 |
| 1875 | 430,306,870 | 76.95 | 6,469,181 | 1.15 | 19,165,907 | 3.43 | 4,874,660 | .87 | 5,742,506 | 1.03 | 466,558,824 | 83.43 | 92,678,814 | 16.57 | 559,237,638 |
| 1876 | 456,113,515 | 76.67 | 7,123,969 | 1.20 | 18,076,668 | 3.04 | 5,300,445 | .98 | 6,160,550 | 1.03 | 493,230,167 | 82.92 | 101,637,548 | 17.08 | 594,917,715 |
| 1877 | 459,784,148 | 72.63 | 8,770,769 | 1.39 | 19,943,290 | 3.14 | 5,787,879 | .91 | 4,861,219 | .77 | 499,047,305 | 78.84 | 133,933,549 | 21.16 | 632,980,854 |
| 1878 | 536,192,873 | 77.07 | 6,732,119 | .97 | 17,750,396 | 2.55 | 6,434,182 | .92 | 4,833,164 | .70 | 571,942,734 | 82.21 | 128,807,196 | 17.79 | 695,749,930 |
| 1879 | 546,476,708 | 78.12 | 6,405,818 | .92 | 16,836,948 | 2.34 | 6,282,368 | .90 | 7,021,186 | 1.00 | 583,022,018 | 83.28 | 117,015,739 | 16.72 | 699,538,742 |
| 1880 | 685,961,091 | 85.25 | 5,863,232 | .71 | 17,321,268 | 2.11 | 5,255,402 | .64 | 6,689,345 | .81 | 721,090,338 | 87.52 | 102,856,015 | 12.48 | 823,946,353 |
| 1881 | 736,894,943 | 82.63 | 7,401,282 | .84 | 19,486,051 | 2.20 | 5,556,429 | .63 | 6,354,013 | .78 | 769,692,728 | 87.06 | 114,233,219 | 12.98 | 883,925,947 |
| 1882 | 553,219,819 | 75.31 | 8,175,692 | 1.11 | 25,580,264 | 3.50 | 6,197,752 | .85 | 6,271,859 | .85 | 598,445,386 | 81.63 | 134,794,346 | 18.38 | 733,239,732 |
| 1883 | 619,269,449 | 77.00 | 10,446,719 | 1.30 | 28,636,199 | 3.56 | 6,276,375 | .78 | 5,966,897 | .67 | 669,995,549 | 83.31 | 134,228,083 | 16.69 | 804,223,632 |
| 1884 | 536,315,318 | 73.98 | 15,022,255 | 2.07 | 26,222,959 | 3.63 | 5,614,111 | .77 | 5,417,323 | .75 | 588,591,965 | 81.19 | 136,372,887 | 18.81 | 724,964,852 |
| 1885 | 530,172,906 | 72.96 | 15,797,885 | 2.18 | 22,014,339 | 3.03 | 5,955,122 | .82 | 5,554,607 | .76 | 579,495,419 | 79.75 | 147,187,527 | 20.25 | 726,682,946 |
| 1886 | 484,954,595 | 72.82 | 13,654,286 | 2.05 | 20,961,708 | 3.15 | 5,138,906 | .77 | 4,713,156 | .71 | 529,422,551 | 79.50 | 136,541,978 | 20.50 | 665,964,529 |
| 1887 | 523,073,798 | 74.41 | 11,758,662 | 1.67 | 21,126,273 | 3.01 | 5,155,775 | .73 | 5,173,810 | .73 | 566,287,318 | 80.55 | 136,735,105 | 19.45 | 703,022,923 |
| 1888 | 500,340,086 | 73.28 | 17,993,895 | 2.63 | 23,991,092 | 3.51 | 5,518,552 | .82 | 5,218,392 | .76 | 553,562,017 | 80.95 | 130,300,087 | 19.05 | 683,862,104 |
| 1889 | 532,141,490 | 72.87 | 19,947,518 | 2.73 | 26,997,127 | 3.70 | 7,106,388 | .97 | 5,414,579 | .74 | 591,607,102 | 81.01 | 138,675,507 | 18.99 | 730,282,609 |
| 1890 | 629,820,908 | 74.51 | 22,297,755 | 2.64 | 29,473,084 | 3.49 | 7,458,385 | .88 | 5,141,420 | .61 | 694,191,452 | 82.13 | 151,102,876 | 17.87 | 845,293,328 |
| 1891 | 642,751,344 | 73.60 | 22,054,970 | 2.53 | 26,715,713 | 3.26 | 6,208,577 | .71 | 5,612,364 | .41 | 703,343,968 | 80.63 | 168,927,315 | 19.37 | 872,270,283 |
| 1892 | 739,238,232 | 78.39 | 20,698,885 | 2.04 | 27,957,423 | 2.75 | 5,403,587 | .53 | 3,838,947 | .38 | 857,221,074 | 84.39 | 158,510,987 | 15.61 | 1,015,732,011 |
| 1893 | 615,382,998 | 74.05 | 20,630,026 | 2.41 | 28,127,113 | 3.38 | 5,541,378 | .67 | 3,696,164 | .47 | 673,007,687 | 80.98 | 158,023,118 | 19.02 | 831,030,785 |

a The group "other than manufactures" embraces substantially all articles crude or slightly enhanced in value by manufacture.

Note 1.—For the kinds of articles embraced in the respective groups, see Appendix to the Annual Report on Commerce and Navigation.

Note 2.—The values of exports of products of domestic agriculture from the United States for decennial fiscal years prior to 1860 were as follows: 1820, $41,687,673, or 81 per cent; 1830, $48,005,184, or 83 per cent; 1840, $92,548,067, or 88 per cent; 1850, $108,605,713, or 81 per cent, of all exports of merchandise.

## No. 165.—Quantities of WHEAT and WHEAT FLOUR of Domestic Production EXPORTED from the United States, by COUNTRIES, from 1870 to 1893, inclusive.

| Year ending June 30— | Countries to which exported. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Belgium. | | France. | | Germany. | | Netherlands. | | Portugal. | | Azores, Madeira, and Cape Verde Islands. | |
| | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. |
| | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* |
| 1870 | 195,964 | 15,144 | 1,012,637 | 34,271 | 317,289 | 7,898 | 71,068 | 14,455 | 701,825 | 13,678 | 550 | 1,967 |
| 1871 | 942,399 | 60,433 | 555,263 | 47,521 | 149,214 | 1,798 | 186,885 | 2,011 | 475,856 | 8,509 | ..... | 2,374 |
| 1872 | 1,275,101 | 4,341 | 1,429,688 | 247 | 290,787 | 3,364 | 244,117 | 1,148 | 426,884 | 4,648 | ..... | 3,140 |
| 1873 | 100,054 | 305 | ..... | 31 | 164,474 | 3,795 | 583,508 | 674 | 131,129 | 1,970 | ..... | 1,913 |
| 1874 | 3,709,694 | 72,401 | 2,223,366 | 7,260 | 886,485 | 21,910 | 2,160,435 | 26,389 | 300,201 | 886 | ..... | 2,568 |
| 1875 | 2,081,744 | 19,418 | 127,009 | 1,020 | 373,818 | 7,929 | 1,572,098 | 2,031 | 1,595,014 | 11,941 | 1,440 | 3,768 |
| 1876 | 2,190,282 | 22,806 | 521,041 | 19 | 516,156 | 14,113 | 2,380,260 | 488 | 1,412,988 | 12,885 | 5,365 | 5,644 |
| 1877 | 1,410,610 | 13,325 | 874,642 | 140 | 990,067 | 10,874 | 420,031 | 327 | 1,013,302 | 8,270 | 25,115 | 4,480 |
| 1878 | 3,633,778 | 16,933 | 4,337,091 | 445 | 33,573 | 8,261 | 1,183,759 | 1,498 | 2,178,366 | 16,612 | 56,709 | 10,113 |
| 1879 | 9,037,297 | 44,437 | 42,147,558 | 27,075 | 422,242 | 11,233 | 2,406,231 | 7,660 | 3,174,611 | 18,588 | 45,338 | 14,247 |
| 1880 | 13,418,016 | 49,261 | 43,601,291 | 9,933 | 1,223,279 | 11,911 | 3,345,873 | 29,929 | 2,196,724 | 4,829 | 13,899 | 6,858 |
| 1881 | 15,384,509 | 182,545 | 29,440,418 | 46,396 | 3,029,232 | 17,373 | 7,361,600 | 253,625 | 2,493,418 | 12,698 | 22,222 | 6,657 |
| 1882 | 8,855,842 | 55,743 | 11,225,848 | 4,579 | 480,600 | 4,893 | 1,288,972 | 109,281 | 2,508,364 | 6,077 | 208,594 | 4,392 |
| 1883 | 10,290,564 | 119,869 | 15,096,712 | 63,223 | 1,405,999 | 33,645 | 2,293,171 | 161,637 | 3,490,560 | 3,627 | 278,188 | 5,421 |
| 1884 | 6,808,449 | 140,272 | 8,385,155 | 11,996 | 886,096 | 34,062 | 1,065,909 | 139,283 | 3,355,292 | 4,465 | 173,514 | 5,146 |
| 1885 | 8,287,470 | 138,405 | 8,565,129 | 2,034 | 745,561 | 32,393 | 2,065,507 | 150,009 | 3,763,826 | 11,126 | 153,528 | 4,875 |
| 1886 | 4,842,934 | 30,044 | 2,014,404 | 93 | 356,352 | 10,585 | 672,175 | 92,296 | 3,552,850 | 7,472 | 38,404 | 6,491 |
| 1887 | 10,498,727 | 166,414 | 19,546,090 | 435 | 838,857 | 43,499 | 2,095,633 | 308,313 | 4,011,406 | 21,723 | 60,615 | 7,911 |
| 1888 | 5,925,077 | 160,524 | 4,212,947 | 6,528 | 766,429 | 45,912 | 2,256,761 | 176,195 | 4,276,519 | 42,493 | 72,530 | 5,712 |
| 1889 | 1,835,942 | 47,417 | 7,655,176 | 260 | 9 | 13,009 | 56,931 | 92,260 | 1,906,732 | 22,005 | 55,855 | 7,783 |
| 1890 | 3,741,303 | 170,094 | 3,846,505 | 283 | 8,786 | 6,575 | 335,170 | 494,108 | 2,812,483 | 21,409 | 124,988 | 8,219 |
| 1891 | 4,033,382 | 115,896 | 13,843,054 | 70,184 | 263,887 | 8,864 | 380,245 | 292,034 | 3,124,648 | 5,730 | 79,028 | 4,918 |
| 1892 | 19,451,804 | 230,983 | 42,139,488 | 210,402 | 7,635,926 | 54,277 | 8,515,631 | 563,485 | 2,937,071 | 49,765 | 100,667 | 244 |
| 1893 | 8,794,955 | 195,844 | 7,494,384 | 1,818 | 2,126,326 | 209,719 | 3,556,870 | 953,525 | 4,985,285 | 5,110 | 128,670 | 1,078 |

**No. 165.—Quantities of WHEAT and WHEAT FLOUR of Domestic Production EXPORTED, by COUNTRIES, etc., 1870 to 1893—Cont'd.**

| Year ending June 30— | Countries to which exported. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Spain. | | Sweden and Norway. | | United Kingdom. | | Other Europe. | | Total. | | British North American Possessions. | | Mexico. | |
| | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. |
| | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* |
| 1870 | 15,960 | 4,971 | ..... | ..... | 27,787,609 | 1,188,951 | ..... | 7,132 | 30,102,902 | 1,288,487 | 6,259,133 | 532,260 | 66 | 29,930 |
| 1871 | 121,145 | 8,119 | ..... | ..... | 22,488,021 | 1,227,624 | 1,789 | 12,112 | 24,920,572 | 1,870,501 | 9,340,178 | 666,842 | 6,872 | 28,501 |
| 1872 | 600 | 250 | ..... | ..... | 19,017,411 | 328,544 | ..... | 1,317 | 22,684,738 | 346,999 | 3,711,542 | 530,088 | ..... | 28,764 |
| 1873 | 7,508 | 800 | ..... | ..... | 31,790,876 | 531,801 | ..... | 662 | 32,777,549 | 541,951 | 6,306,840 | 435,435 | 4 | 14,715 |
| 1874 | 5,083 | 5,009 | ..... | ..... | 51,833,278 | 1,703,984 | 54,345 | 2,464 | 62,172,987 | 1,842,871 | 8,721,303 | 441,526 | 30,330 | 6,028 |
| 1875 | 23,608 | 1,120 | 9,019 | ..... | 42,057,004 | 1,231,324 | 1,500 | 2,288 | 47,842,254 | 1,280,339 | 5,032,981 | 584,385 | ..... | 13,668 |
| 1876 | ..... | ..... | ..... | ..... | 42,256,652 | 1,335,185 | 233,919 | 1,270 | 49,516,663 | 1,392,410 | 5,530,637 | 538,241 | ..... | 15,048 |
| 1877 | 34,519 | ..... | ..... | 79 | 31,202,296 | 918,283 | 20,178 | 887 | 35,990,760 | 956,665 | 4,142,424 | 640,801 | 9 | 11,188 |
| 1878 | 53,399 | 1,123 | 505 | 30 | 54,664,732 | 1,615,479 | 146,752 | 5,034 | 66,288,655 | 1,675,528 | 5,679,107 | 423,331 | 17,091 | 21,381 |
| 1879 | 1,799,497 | 46,121 | 17,319 | 6,537 | 57,419,292 | 2,629,665 | 332,948 | 50,549 | 116,802,333 | 2,856,112 | 5,204,033 | 504,920 | 5,087 | 19,967 |
| 1880 | 679,121 | 10,012 | ..... | ..... | 79,068,075 | 3,645,952 | 1,292,459 | 8,603 | 144,838,237 | 3,777,288 | 7,920,248 | 277,666 | 165 | 9,299 |
| 1881 | 29,861 | 1,469 | 183,011 | 100 | 82,550,921 | 4,610,415 | 1,135,660 | 16,250 | 141,580,942 | 5,147,548 | 8,772,998 | 477,885 | 107 | 11,657 |
| 1882 | 620,451 | 1,824 | 70,400 | ..... | 65,600,582 | 3,289,909 | 402,447 | 5,199 | 91,262,100 | 3,481,902 | 3,163,971 | 373,078 | 4,663 | 11,938 |
| 1883 | 1,712,504 | 2,181 | 93,897 | 121 | 65,266,803 | 5,717,429 | 570,263 | 18,288 | 100,498,660 | 6,125,436 | 5,331,935 | 559,075 | 1,384 | 21,513 |
| 1884 | 64,960 | 59 | 22,524 | 2,306 | 44,761,690 | 5,583,843 | 348,110 | 10,190 | 65,871,719 | 5,931,563 | 4,380,987 | 850,184 | 34 | 21,672 |
| 1885 | 606,885 | ..... | 42,618 | 18,451 | 56,532,002 | 6,807,538 | 614,036 | 27,079 | 81,876,562 | 7,186,915 | 3,164,274 | 815,970 | 71 | 18,165 |
| 1886 | 1,006,958 | 200 | 16,506 | 1,461 | 40,678,739 | 4,914,782 | 1,606,554 | 7,324 | 54,787,878 | 5,070,698 | 2,507,495 | 507,297 | 487 | 18,780 |
| 1887 | 2,488,664 | 2,557 | ..... | 12,350 | 54,352,915 | 7,632,071 | 2,886,823 | 9,805 | 96,824,780 | 8,205,078 | 4,679,169 | 550,698 | 30 | 23,218 |
| 1888 | 1,453,649 | 570 | 26,000 | 20,589 | 41,382,300 | 8,070,490 | 609,454 | 5,796 | 60,938,666 | 8,536,809 | 4,524,849 | 572,161 | 3,307 | 24,282 |
| 1889 | 30 | ..... | ..... | 6,470 | 31,563,536 | 5,271,344 | 11,961 | 3,322 | 43,091,192 | 5,463,810 | 1,851,925 | 933,354 | 2,280 | 32,114 |
| 1890 | 34,300 | 400 | ..... | 12,346 | 38,240,523 | 7,423,988 | ..... | 7,866 | 49,194,558 | 8,145,288 | 2,292,716 | 839,296 | 2,327 | 31,101 |
| 1891 | 1,070 | 1,150 | 7,968 | 10,902 | 20,320,650 | 7,087,420 | 38,379 | 26,888 | 51,592,331 | 7,567,936 | 2,593,093 | 447,648 | 7,509 | 37,584 |
| 1892 | ..... | 1,120 | 1,231,409 | 35,095 | 67,298,960 | 9,603,910 | 2,404,361 | 140,376 | 151,710,317 | 10,889,657 | 5,219,086 | 515,617 | 1,061 | 34,602 |
| 1893 | 2,443,105 | 300 | 675,171 | 82,658 | 72,518,184 | 10,361,860 | 3,307,392 | 93,546 | 111,035,242 | 11,905,158 | 5,544,365 | 635,927 | 10,807 | 51,032 |

No. 165.—QUANTITIES OF WHEAT AND WHEAT FLOUR OF DOMESTIC PRODUCTION EXPORTED, BY COUNTRIES, ETC., 1870 to 1893—Cont'd.

| Year ending June 30— | COUNTRIES TO WHICH EXPORTED. | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Central America. | | West Indies. | | | | | | | | | | | | | | | |
| | | | Danish West Indies. | | French West Indies. | | British West Indies. | | Haiti. | | Dutch West Indies. | | Santo Domingo. | | Cuba. | | Puerto Rico. | | Total. | |
| | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. |
| | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* |
| 1870 | 632 | 18,235 | ..... | 35,801 | ..... | 43,722 | *a* 5 | 419,456 | ..... | *b* 64,165 | ..... | 38,983 | ..... | ..... | 24,495 | 149,183 | ..... | 67,803 | 24,500 | 819,113 |
| 1871 | ..... | 93,611 | ..... | 38,369 | ..... | 60,691 | *a* 17,361 | 400,938 | ..... | *b* 67,677 | *c* 80 | 34,907 | ..... | ..... | ..... | 189,027 | ..... | 65,824 | 17,441 | 857,433 |
| 1872 | 125 | 48,702 | ..... | 32,379 | ..... | 62,753 | *a* ..... | 421,963 | ..... | 55,863 | ..... | 32,843 | ..... | 16,983 | 110 | 164,146 | ..... | 65,706 | 110 | 852,634 |
| 1873 | 136 | 42,339 | *d* 4 | 34,061 | ..... | 55,340 | *c* 28,926 | 353,253 | ..... | 82,164 | ..... | 32,884 | ..... | 27,865 | 25,403 | 92,582 | ..... | 41,407 | 54,333 | 719,206 |
| 1874 | 1,633 | 49,072 | ..... | 35,657 | *f* 8,000 | 53,869 | ..... | 343,052 | ..... | 141,456 | ..... | 35,445 | ..... | 18,782 | 5 | 199,427 | ..... | 46,233 | 8,005 | 873,931 |
| 1875 | ..... | 64,137 | ..... | 31,088 | *f* 22,996 | 60,173 | *g* 4,813 | 382,329 | ..... | 178,476 | ..... | 33,257 | ..... | 15,997 | ..... | 127,247 | ..... | 69,097 | 27,809 | 888,658 |
| 1876 | 168 | 57,125 | ..... | 39,677 | *f* 20,327 | 80,662 | *g* 4,256 | 444,155 | ..... | 161,987 | ..... | 33,169 | ..... | 24,286 | ..... | 91,050 | ..... | 46,510 | 24,583 | 921,496 |
| 1877 | 4 | 51,811 | ..... | 33,788 | *f* 35,886 | 65,185 | *g* 1,010 | 344,053 | ..... | 109,652 | ..... | 31,960 | ..... | 25,620 | 400 | 91,122 | ..... | 42,655 | 37,296 | 744,005 |
| 1878 | 160 | 73,949 | 40 | 26,690 | *f* 25,346 | 72,338 | 5,000 | 340,372 | ..... | 106,283 | ..... | 24,527 | ..... | 16,531 | ..... | 21,022 | ..... | 20,396 | 30,386 | 628,160 |
| 1879 | 43,383 | 93,772 | ..... | 34,548 | 5,000 | 80,150 | 14,924 | 361,411 | ..... | 121,493 | ..... | 25,366 | ..... | 18,760 | 600 | 121,272 | ..... | 47,434 | 20,524 | 810,434 |
| 1880 | 35,696 | 115,855 | ..... | 30,794 | 26,500 | 94,531 | 700 | 333,950 | ..... | 85,358 | ..... | 33,591 | ..... | 21,364 | 20 | 101,326 | 22,200 | 56,520 | 49,420 | 757,482 |
| 1881 | 28,448 | 111,255 | 4,010 | 32,614 | 20,992 | 94,741 | 345 | 446,922 | ..... | 174,982 | ..... | 30,016 | ..... | 20,793 | 9 | 80,679 | ..... | 46,261 | 25,356 | 926,958 |
| 1882 | 22,249 | 93,159 | 6 | 25,600 | 23,095 | 82,608 | 2,503 | 361,630 | ..... | 91,664 | 748 | 25,823 | ..... | 18,432 | 26,260 | 56,955 | 407 | 49,038 | 53,019 | 702,750 |
| 1883 | 45,920 | 114,329 | ..... | 30,307 | 37,197 | 91,976 | 2,012 | 374,038 | ..... | 96,293 | 125 | 21,955 | ..... | 25,020 | 46,322 | 237,915 | 4,002 | 75,327 | 89,659 | 952,741 |
| 1884 | 42,753 | 119,786 | ..... | 28,273 | 38,698 | 85,297 | 1,609 | 408,117 | ..... | 72,884 | ..... | 24,237 | ..... | 30,641 | 3,916 | 152,351 | 250 | 76,017 | 43,873 | 877,817 |
| 1885 | 44,929 | 107,707 | 10 | 30,312 | ..... | 101,589 | 1,016 | 414,782 | ..... | 88,600 | ..... | 25,063 | ..... | 29,014 | 805 | 194,250 | ..... | 78,584 | 1,831 | 962,144 |
| 1886 | 35,855 | 128,087 | 2 | 29,154 | 27 | 98,022 | 2,045 | 443,583 | 3,407 | 97,976 | 80 | 24,668 | 1 | 37,021 | 128 | 198,464 | ..... | 96,833 | 5,685 | 1,025,721 |
| 1887 | 38,496 | 137,685 | 2 | 30,818 | 1,996 | 89,657 | 1,064 | 399,196 | ..... | 83,187 | ..... | 20,489 | ..... | 29,649 | 181 | 217,160 | ..... | 108,503 | 3,243 | 977,609 |
| 1888 | 56,113 | 164,889 | 2 | 30,276 | 26,381 | 94,696 | 2,311 | 453,893 | ..... | 134,695 | ..... | 22,086 | 3 | 28,295 | 150 | 282,548 | ..... | 134,549 | 28,847 | 1,181,038 |
| 1889 | 58,049 | 163,604 | 2 | 27,087 | 22,981 | 107,070 | 610 | 444,317 | ..... | 154,636 | 25 | 27,426 | ..... | 37,646 | 30 | 243,153 | ..... | 129,946 | 23,648 | 1,171,281 |
| 1890 | 56,215 | 180,091 | ..... | 31,377 | 32,868 | 110,312 | 1,000 | 456,428 | ..... | 167,740 | ..... | 21,529 | ..... | 31,675 | 1,234 | 255,820 | ..... | 151,998 | 35,102 | 1,226,888 |
| 1891 | 57,896 | 228,397 | 4 | 34,772 | 9,978 | 111,549 | 152,797 | 532,216 | ..... | 234,938 | 20 | 21,497 | ..... | 38,431 | 20 | 114,447 | ..... | 127,983 | 162,819 | 1,186,833 |
| 1892 | 38,206 | 224,544 | 8 | 26,928 | 8,494 | 120,196 | 2,159 | 475,855 | ..... | 201,812 | ..... | 21,916 | ..... | 29,231 | 48 | 336,175 | ..... | 102,147 | 10,700 | A1,431,972 |
| 1893 | 51,639 | 225,493 | ..... | 23,664 | 11,203 | 124,969 | A1,220 | 580,207 | ..... | 204,695 | ..... | 26,992 | ..... | 24,935 | 1,226 | 616,406 | ..... | 167,053 | 13,749 | A1,723,823 |

*a* Includes British Guiana and British Honduras.
*b* Includes Santo Domingo.
*c* Includes Dutch Guiana.
*d* Includes Denmark.
*e* Includes British Honduras.
*f* Includes French Guiana.
*g* Includes British Guiana.
A Includes Bermuda.

**No. 165.—Quantities of WHEAT and WHEAT FLOUR of Domestic Production exported, by COUNTRIES, etc., 1870 to 1893—Cont'd.**

| Year ending June 30— | Countries to which exported. South America. Argentine Republic. Wheat. | Argentine Republic. Wheat flour. | Brazil. Wheat. | Brazil. Wheat flour. | Chile. Wheat. | Chile. Wheat flour. | Colombia. Wheat. | Colombia. Wheat flour. | Guianas. Wheat. | Guianas. Wheat flour. | Peru. Wheat. | Peru. Wheat flour. | Uruguay. Wheat. | Uruguay. Wheat flour. | Venezuela. Wheat. | Venezuela. Wheat flour. | All other. Wheat. | All other. Wheat flour. | Total. Wheat. | Total. Wheat flour. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* |
| 1870 | ..... | 35, 857 | ..... | 876, 217 | ..... | ..... | ..... | 29, 495 | *a* ..... | *a* ..... | ..... | 84 | ..... | 1, 028 | 36, 516 | 37, 183 | ..... | ..... | 36, 516 | 479, 864 |
| 1871 | ..... | 20, 671 | ..... | 455, 673 | ..... | ..... | ..... | 27, 750 | *a* ..... | *a* ..... | ..... | 223 | ..... | 23, 970 | 21, 579 | 42, 532 | ..... | ..... | 21, 579 | 570, 819 |
| 1872 | ..... | 4, 789 | ..... | 383, 216 | ..... | ..... | ..... | 30, 710 | *a* ..... | *a* ..... | ..... | 240 | ..... | 40, 407 | 22, 566 | 38, 422 | ..... | ..... | 22, 566 | 496, 781 |
| 1873 | ..... | 2, 800 | 1, 800 | 408, 648 | 80 | ..... | ..... | 38, 833 | ..... | *b*80, 049 | ..... | 186 | ..... | 500 | 32, 814 | 55, 412 | ..... | 3, 513 | 34, 694 | 589, 941 |
| 1874 | ..... | ..... | 4, 999 | 531, 379 | ..... | ..... | ..... | 40, 318 | ..... | *b*79, 146 | 10, 111 | ..... | ..... | 4, 583 | 50, 758 | 81, 630 | ..... | ..... | 65, 868 | 737, 056 |
| 1875 | ..... | 8, 954 | 11 | 599, 832 | ..... | ..... | 9, 669 | 33, 822 | ..... | *b*96, 824 | 45, 197 | 816 | ..... | 99, 417 | 2 | 81, 356 | ..... | 2, 513 | 54, 879 | 923, 534 |
| 1876 | ..... | 3, 550 | ..... | 536, 180 | ..... | 2, 384 | ..... | 44, 275 | ..... | *b*91, 648 | ..... | 11, 329 | 444 | 17, 160 | 200 | 107, 818 | ..... | ..... | 644 | 814, 344 |
| 1877 | ..... | ..... | 3 | 482, 209 | ..... | 345 | ..... | 25, 432 | ..... | *b*85, 145 | 38, 170 | ..... | ..... | 400 | 80 | 105, 310 | ..... | ..... | 38, 253 | 698, 841 |
| 1878 | ..... | 111 | 52, 523 | 616, 182 | 61, 491 | 8, 927 | ..... | 30, 806 | *b*27, 500 | *b*104, 897 | 67, 496 | 827 | ..... | 512 | 200 | 112, 996 | ..... | 4, 250 | 209, 210 | 879, 458 |
| 1879 | ..... | ..... | ..... | 717, 377 | ..... | 4, 200 | 24 | 32, 278 | ..... | 141, 561 | 178, 375 | 8, 764 | 150 | 200 | 16 | 95, 684 | ..... | 3, 238 | 178, 565 | 1, 008, 302 |
| 1880 | 27, 947 | 518 | ..... | 537, 914 | ..... | ..... | ..... | 34, 503 | ..... | 122, 461 | 334, 804 | 5, 136 | ..... | 918 | 40 | 93, 363 | ..... | 10 | 362, 291 | 794, 823 |
| 1881 | 67, 122 | 900 | 18, 201 | 677, 702 | ..... | 300 | ..... | 39, 006 | ..... | 137, 499 | ..... | ..... | 30, 215 | 986 | 1, 722 | 96, 805 | ..... | 1, 225 | 117, 260 | 954, 423 |
| 1882 | ..... | ..... | 109 | 618, 908 | ..... | ..... | ..... | 58, 050 | ..... | 118, 113 | ..... | 50 | 297 | 4, 385 | 7, 684 | 101, 027 | ..... | 553 | 8, 090 | 901, 086 |
| 1883 | ..... | 2, 384 | 47, 410 | 739, 441 | ..... | ..... | ..... | 51, 430 | ..... | 129, 272 | ..... | 9 | 1, 000 | 9, 404 | 2, 265 | 106, 152 | ..... | 130 | 50, 675 | 1, 038, 222 |
| 1884 | ..... | 1 | ..... | 649, 017 | ..... | 40 | 2 | 64, 438 | ..... | 136, 007 | ..... | 291 | ..... | 8, 562 | 1, 582 | 103, 388 | ..... | 446 | 1, 584 | 957, 190 |
| 1885 | ..... | ..... | 23, 861 | 674, 230 | ..... | ..... | ..... | 61, 360 | ..... | 149, 841 | ..... | 22 | 3, 372 | 515 | ..... | 143, 064 | ..... | 200 | 27, 233 | 1, 029, 282 |
| 1886 | ..... | ..... | 4, 995 | 542, 499 | ..... | ..... | 506 | 64, 714 | ..... | 145, 980 | ..... | 206 | ..... | 5 | 1, 853 | 127, 085 | 17 | 1, 591 | 7, 371 | 882, 074 |
| 1887 | 1, 335 | ..... | 41, 913 | 748, 987 | 266 | 1, 510 | 158 | 74, 875 | ..... | 127, 497 | 82, 710 | 7, 414 | ..... | 11 | 2, 700 | 126, 052 | ..... | 5, 535 | 129, 082 | 1, 091, 831 |
| 1888 | ..... | 150 | 149 | 584, 670 | 139, 343 | 160 | ..... | 73, 632 | ..... | 177, 355 | 52, 741 | 603 | ..... | ..... | 2, 887 | 134, 318 | ..... | 7, 192 | 195, 120 | 978, 080 |
| 1889 | ..... | ..... | 415, 507 | 678, 972 | 225, 207 | 145 | ..... | 61, 603 | ..... | 135, 405 | ..... | 130 | 168, 259 | 22, 119 | 4, 848 | 155, 857 | ..... | 13, 936 | 813, 821 | 1, 068, 167 |
| 1890 | 76, 005 | ..... | 1, 765, 234 | 687, 842 | 27, 592 | 340 | 8 | 51, 420 | 20 | 188, 221 | 92, 039 | 120 | 721, 636 | 10, 809 | 1, 799 | 173, 759 | ..... | 31, 064 | 2, 687, 333 | 1, 143, 075 |
| 1891 | ..... | ..... | 580, 127 | 722, 369 | 45, 134 | 11, 607 | 2 | 56, 696 | ..... | 165, 107 | 63, 956 | 1, 507 | ..... | ..... | 12, 095 | 194, 015 | ..... | 35, 101 | 701, 314 | 1, 186, 402 |
| 1892 | 30 | 4 | 164, 622 | 918, 547 | 57, 594 | 76, 006 | ..... | 69, 830 | ..... | 180, 964 | ..... | 808 | ..... | ..... | 7, 767 | 194, 631 | 471 | 25, 574 | 230, 484 | 1, 466, 364 |
| 1893 | ..... | ..... | 63, 928 | 837, 089 | ..... | 7, 065 | 60 | 75, 575 | ..... | 203, 405 | ..... | 287 | ..... | 27 | 9, 733 | 210, 098 | 20 | 33, 061 | 73, 741 | 1, 366, 557 |

*a* Included in the West Indies.

*b* British Guiana only; Dutch and French Guianas included in the West Indies.

**No. 165.—QUANTITIES OF WHEAT AND WHEAT FLOUR OF DOMESTIC PRODUCTION EXPORTED, BY COUNTRIES, ETC., 1870 TO 1893—Cont'd.**

| Year ending June 30— | COUNTRIES TO WHICH EXPORTED. | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Asia. | | | | | | | | Oceanica. | | | | | | | | All other countries. | | Total. | |
| | Hongkong. | | Japan. | | All other. | | Total. | | British Australasia. | | Hawaiian Islands. | | All other. | | Total. | | | | | |
| | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. | Wheat. | Wheat flour. |
| | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* | *Bush.* | *Bbls.* |
| 1870 | ..... | ..... | 14,470 | 20,014 | 61,805 | 176,592 | 76,275 | 196,606 | 78,898 | 62,260 | 987 | 8,557 | 1,755 | 18,972 | 81,640 | 89,789 | 2,451 | 9,049 | 36,584,115 | 3,463,333 |
| 1871 | ..... | ..... | 45 | 11,396 | 1,330 | 83,620 | 1,375 | 95,016 | 1,059 | 2,530 | 1,356 | 11,804 | 401 | 11,681 | 2,816 | 26,015 | 73 | 5,103 | 34,310,906 | 3,653,841 |
| 1872 | ..... | ..... | 47 | 9,148 | 1,060 | 163,981 | 1,107 | 173,129 | 153 | 2,751 | 480 | 8,106 | 2,309 | 16,993 | 2,892 | 27,850 | ..... | 9,585 | 26,423,080 | 2,514,535 |
| 1873 | 1,843 | 133,267 | 28 | 9,037 | 18 | 17,033 | 1,887 | 159,337 | 23,042 | 25,140 | 1,207 | 8,325 | 1,190 | 9,358 | 25,439 | 42,823 | 3,403 | 16,349 | 39,204,285 | 2,562,086 |
| 1874 | ..... | 89,445 | ..... | 9,330 | ..... | 11,336 | ..... | 110,111 | 37,333 | 156 | 7,345 | 11,650 | 124 | 8,524 | 44,802 | 20,330 | ..... | 13,169 | 71,039,928 | 4,094,094 |
| 1875 | 11,827 | 143,104 | 167 | 8,163 | 24,296 | 15,498 | 36,290 | 168,765 | 40,474 | 2,921 | 574 | 9,905 | 69 | 16,011 | 41,117 | 28,837 | 11,847 | 22,305 | 53,047,177 | 3,973,128 |
| 1876 | 2 | 133,197 | 298 | 9,181 | ..... | 5,555 | 300 | 147,933 | ..... | 26 | ..... | 24,286 | 127 | 4,874 | 127 | 29,186 | ..... | 19,729 | 55,073,122 | 3,935,512 |
| 1877 | ..... | 158,534 | 8,706 | 6,377 | ..... | 11,290 | 8,706 | 176,201 | 94,245 | 16,867 | 4,062 | 11,698 | 136 | 17,375 | 98,443 | 45,940 | 9,716 | 18,213 | 40,325,611 | 3,843,665 |
| 1878 | 406 | 166,19[illegible] | ..... | 8,099 | ..... | 8,971 | 406 | 183,266 | 4,591 | 3,449 | 3,079 | 14,004 | 253 | 8,518 | 7,923 | 25,971 | 172,023 | 36,289 | 72,404,961 | 3,947,333 |
| 1879 | ..... | 242,36[illegible] | ..... | 7,108 | 1,196 | 14,116 | 1,196 | 263,590 | 5,158 | 7,977 | 1,757 | 17,934 | 317 | 9,003 | 7,232 | 34,914 | 92,583 | 42,703 | 122,358,936 | 5,629,714 |
| 1880 | ..... | 210,174 | ..... | 8,802 | 21,988 | 10,534 | 21,988 | 229,510 | 52 | 396 | 2,491 | 17,074 | 116 | 7,510 | 2,659 | 24,980 | 22,091 | 24,596 | 153,252,795 | 6,011,419 |
| 1881 | 549 | 227,703 | 372 | 10,969 | ..... | 15,664 | 921 | 254,336 | 584 | 137 | 4,446 | 21,221 | 308 | 9,739 | 5,338 | 31,097 | 37,113 | 30,627 | 150,565,477 | 7,945,786 |
| 1882 | ..... | 264,041 | ..... | 9,382 | 89 | 10,411 | 89 | 283,834 | 242,188 | 9,605 | 4,366 | 21,741 | 364 | 10,669 | 246,918 | 41,415 | 510,703 | 21,524 | 95,271,802 | 5,915,686 |
| 1883 | 36 | 268,352 | ..... | 13,297 | 16,044 | 10,525 | 16,080 | 292,474 | 4,050 | 12,902 | 3,710 | 34,200 | 5,129 | 9,729 | 12,889 | 57,831 | 338,626 | 44,043 | 106,385,828 | 9,205,664 |
| 1884 | ..... | 285,836 | 167 | 10,151 | ..... | 16,548 | 167 | 312,535 | ..... | 351 | 6,620 | 37,236 | 223 | 13,027 | 6,843 | 50,624 | 1,052 | 30,889 | 70,349,012 | 9,152,260 |
| 1885 | ..... | 411,649 | 148 | 16,026 | ..... | 16,357 | 148 | 444,032 | 29 | 191 | 7,965 | 43,126 | 26,513 | 10,578 | 34,504 | 53,895 | 4,162 | 30,085 | 84,653,714 | 10,648,145 |
| 1886 | ..... | 415,576 | 101 | 24,455 | 679 | 23,377 | 780 | 463,408 | 292,353 | 1,565 | 8,250 | 42,729 | 551 | 9,807 | 301,154 | 54,101 | 122,504 | 29,075 | 57,759,209 | 8,179,241 |
| 1887 | ..... | 371,056 | 250 | 30,377 | 56,650 | 21,246 | 56,900 | 422,679 | 67,984 | 17,245 | 10,015 | 47,632 | 551 | 13,900 | 78,550 | 78,777 | 162,349 | 30,874 | 101,971,949 | 11,518,449 |
| 1888 | ..... | 362,826 | 200 | 27,749 | 25 | 18,281 | 225 | 408,856 | ..... | 200 | 11,698 | 43,356 | 336 | 24,001 | 12,534 | 67,557 | 34,600 | 29,902 | 65,789,261 | 11,963,574 |
| 1889 | ..... | 378,634 | ..... | 19,677 | ..... | 20,042 | ..... | 418,353 | 562,502 | 37,496 | 11,288 | 40,811 | 946 | 12,852 | 574,686 | 100,159 | 8,528 | 23,961 | 46,414,129 | 9,374,803 |
| 1890 | ..... | 497,697 | 23 | 28,756 | ..... | 26,509 | 23 | 553,962 | 67,990 | 16,235 | 12,467 | 52,239 | 1,231 | 14,291 | 81,688 | 82,865 | 37,805 | 29,145 | 54,387,767 | 12,231,711 |
| 1891 | ..... | 473,046 | 663 | 75,736 | ..... | 49,013 | 663 | 597,795 | ..... | 826 | 13,700 | 54,454 | 1,227 | 12,445 | 14,927 | 67,725 | 1,396 | 23,984 | 55,131,948 | 11,344,304 |
| 1892 | ..... | 457,690 | ..... | 38,002 | ..... | 24,735 | ..... | 520,427 | 14,016 | 2,197 | 14,663 | 58,588 | 1,243 | 11,884 | 29,922 | 72,569 | 20,475 | 41,017 | 157,280,351 | 15,196,769 |
| 1893 | ..... | 550,122 | ..... | 51,896 | 42 | 29,611 | 42 | 631,879 | 2,508 | 1,140 | 13,823 | 48,414 | 677 | 13,697 | 16,008 | 63,251 | 375,516 | 28,020 | 117,121,109 | 16,620,339 |

## No. 166.—Quantities of CORN and CORN MEAL of Domestic Production EXPORTED from the United States, by COUNTRIES, from 1869 to 1893, inclusive.

| Year ending June 30— | Countries to which exported. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Belgium. | | Denmark. | | France. | | Germany. | | Italy. | | Netherlands. | |
| | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. |
| | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* |
| 1869 | ..... | 20 | ..... | ..... | 54,849 | 10 | 119,523 | 232 | ..... | ..... | 100 | ..... |
| 1870 | ..... | ..... | ..... | ..... | 237 | ..... | 42,570 | ..... | ..... | ..... | ..... | ..... |
| 1871 | 11,271 | 5 | ..... | ..... | 77,671 | 25 | 113,728 | ..... | ..... | ..... | ..... | 1 |
| 1872 | 1,677 | ..... | ..... | ..... | 161,496 | 6 | 736,914 | 25 | ..... | ..... | 27,892 | ..... |
| 1873 | 42,974 | 26 | ..... | ..... | 134,933 | 1 | 362,550 | 140 | 18,312 | ..... | 50,536 | ..... |
| 1874 | 84,798 | ..... | ..... | ..... | 452,951 | ..... | 825,620 | 36 | 232,148 | ..... | 51,718 | ..... |
| 1875 | 137,500 | 12 | 23,547 | ..... | 346,456 | ..... | 957,322 | ..... | 32,624 | ..... | 71,517 | ..... |
| 1876 | 2,500 | 15 | 111,881 | ..... | 246,629 | ..... | 741,176 | 10 | ..... | ..... | 22,564 | ..... |
| 1877 | 315,308 | 5 | 928,658 | ..... | 1,363,281 | ..... | 2,136,388 | 401 | 130,356 | ..... | 149,612 | 7 |
| 1878 | 904,614 | 10 | 1,858,791 | ..... | 2,872,784 | ..... | 1,968,879 | 994 | 1,427,479 | ..... | 454,968 | ..... |
| 1879 | 1,841,946 | ..... | 1,136,462 | ..... | 2,564,226 | 80 | 3,894,311 | 90 | 974,326 | ..... | 464,084 | 6 |
| 1880 | 2,474,934 | 189 | 2,116,206 | 26 | 8,573,845 | ..... | 7,589,858 | ..... | 5,113,772 | ..... | 1,175,582 | ..... |
| 1881 | 2,786,685 | 962 | 4,771,894 | ..... | 4,967,985 | 125 | 10,320,247 | 1,219 | 486,740 | 20 | 3,614,340 | 378 |
| 1882 | 1,039,613 | 794 | 811,907 | ..... | 1,344,970 | 367 | 3,647,878 | 350 | 734,432 | ..... | 619,292 | 3,347 |
| 1883 | 427,355 | 100 | 719,256 | ..... | 1,617,903 | 127 | 1,869,271 | ..... | 12,509 | ..... | 600,675 | 50 |
| 1884 | 544,876 | 499 | 1,747,450 | ..... | 1,350,807 | 112 | 4,228,483 | 46 | 80,970 | ..... | 1,216,271 | 43 |
| 1885 | 1,469,840 | 4 | 2,084,582 | ..... | 2,880,532 | 26 | 4,871,471 | 105 | 273,877 | ..... | 1,168,349 | ..... |
| 1886 | 1,571,438 | 65 | 1,813,131 | ..... | 7,776,482 | ..... | 4,365,419 | 1,987 | 201,915 | ..... | 1,980,537 | ..... |
| 1887 | 1,474,283 | 247 | 1,802,799 | ..... | 1,958,750 | 60 | 2,638,167 | 72 | 420,155 | ..... | 1,453,066 | ..... |
| 1888 | 1,117,769 | 4 | 781,810 | ..... | 1,135,861 | ..... | 937,627 | 1 | 112,000 | 7 | 872,485 | ..... |
| 1889 | 4,009,896 | 207 | 1,854,709 | ..... | 6,564,952 | ..... | 4,608,481 | ..... | 235,909 | ..... | 1,468,038 | 358 |
| 1890 | 4,793,823 | 1,743 | 5,788,783 | ..... | 8,481,129 | 140 | 11,419,063 | ..... | 471,757 | ..... | 3,367,423 | 100 |
| 1891 | 2,856,012 | 720 | 771,049 | ..... | 152,177 | ..... | 3,745,574 | 2 | 127,912 | ..... | 1,750,191 | 459 |
| 1892 | 4,167,480 | 5,462 | 5,254,652 | 53 | 2,034,257 | ..... | 13,901,239 | 320 | 141,338 | ..... | 7,020,503 | 1,545 |
| 1893 | 1,677,314 | ..... | 2,499,914 | ..... | 1,198,492 | ..... | 5,311,080 | 137 | ..... | 93 | 2,408,667 | 1,391 |

No. 166.—QUANTITIES OF CORN AND CORN MEAL OF DOMESTIC PRODUCTION EXPORTED, BY COUNTRIES, ETC., 1869 to 1893—Cont'd.

| Year ending June 30— | COUNTRIES TO WHICH EXPORTED. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Portugal. | | Spain. | | United Kingdom. | | Other Europe. | | Total Europe. | | British Possessions in North America. | |
| | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. |
| | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* |
| 1869 | ..... | 25 | 291 | ..... | 4, 257, 591 | 4, 304 | 8, 321 | 50 | 4, 440, 675 | 4, 641 | 2, 168, 144 | 126, 218 |
| 1870 | ..... | ..... | 564 | 302 | 40, 900 | 6, 363 | 403 | 40 | 84, 674 | 6, 705 | 729, 630 | 39, 749 |
| 1871 | 520 | ..... | 2, 465 | ..... | 5, 905, 445 | 1, 220 | 350 | 625 | 6, 111, 450 | 1, 876 | 2, 970, 733 | 69, 287 |
| 1872 | 16, 150 | ..... | 8, 955 | 1 | 25, 779, 331 | 1, 757 | 24, 349 | 70 | 26, 756, 764 | 1, 859 | 7, 329, 098 | 146, 121 |
| 1873 | 26, 203 | ..... | 10, 643 | 100 | 29, 334, 759 | 985 | 2, 160 | 141 | 29, 983, 070 | 1, 343 | 7, 623, 255 | 197, 070 |
| 1874 | ..... | ..... | 520 | 325 | 26, 299, 328 | 1, 757 | 24, 930 | 5, 545 | 27, 972, 008 | 7, 663 | 5, 348, 938 | 183, 328 |
| 1875 | ..... | ..... | 400 | 200 | 23, 387, 367 | 4, 016 | 4, 146 | ..... | 24, 960, 879 | 4, 228 | 3, 292, 780 | 129, 124 |
| 1876 | 666, 345 | ..... | 42, 552 | ..... | 42, 452, 240 | 279 | 94, 024 | 1, 688 | 44, 379, 801 | 1, 942 | 4, 633, 062 | 154, 907 |
| 1877 | 216, 934 | ..... | 78, 018 | ..... | 55, 466, 435 | 9, 492 | 193, 765 | 875 | 60, 978, 695 | 10, 780 | 9, 638, 981 | 271, 820 |
| 1878 | 22, 823 | 4 | 101, 498 | ..... | 65, 915, 851 | 7, 088 | 575, 044 | 247 | 76, 102, 731 | 8, 343 | 7, 633, 468 | 232, 047 |
| 1879 | 1, 343, 269 | ..... | 407, 478 | 1, 408 | 64, 506, 311 | 4, 808 | 304, 909 | 1, 152 | 76, 937, 322 | 7, 494 | 7, 297, 027 | 211, 927 |
| 1880 | 2, 037, 690 | 4 | 2, 886, 908 | 629 | 55, 635, 347 | 17, 434 | 1, 677, 815 | 155 | 89, 281, 957 | 18, 437 | 7, 187, 203 | 169, 131 |
| 1881 | 514, 106 | 3 | 304, 183 | 130 | 53, 014, 142 | 8, 879 | 1, 190, 138 | 271 | 81, 990, 460 | 12, 007 | 8, 127, 809 | 182, 731 |
| 1882 | 272, 962 | ..... | 43, 543 | 120 | 28, 664, 924 | 1, 070 | 549, 679 | 164 | 37, 729, 200 | 6, 212 | 3, 890, 719 | 127, 853 |
| 1883 | 441, 708 | ..... | 266, 103 | ..... | 30, 010, 671 | 6, 242 | 168, 036 | 295 | 36, 133, 487 | 6, 814 | 3, 195, 997 | 121, 000 |
| 1884 | 180, 679 | ..... | 105, 197 | ..... | 26, 436, 771 | 5, 032 | 397, 645 | 460 | 36, 239, 149 | 6, 192 | 6, 384, 873 | 112, 207 |
| 1885 | 95, 407 | ..... | 109, 824 | 590 | 32, 298, 606 | 1, 652 | 334, 691 | 190 | 45, 137, 179 | 2, 507 | 3, 483, 705 | 106, 528 |
| 1886 | 15, 444 | 3 | 285, 925 | ..... | 37, 871, 149 | 713 | 573, 625 | 346 | 55, 955, 065 | 3, 114 | 5, 474, 640 | 120, 117 |
| 1887 | ..... | 108 | 109, 794 | 110 | 24, 265, 983 | 403 | 335, 888 | 317 | 34, 458, 885 | 1, 317 | 4, 109, 227 | 132, 653 |
| 1888 | ..... | 3 | 200 | ..... | 14, 259, 487 | 4, 550 | 20, 002 | 178 | 19, 237, 241 | 4, 743 | 4, 089, 447 | 135, 523 |
| 1889 | ..... | 11 | 36, 346 | ..... | 41, 096, 727 | 1, 274 | 166, 803 | 181 | 60, 043, 851 | 2, 031 | 8, 074, 990 | 159, 347 |
| 1890 | 20, 000 | ..... | 350, 574 | ..... | 54, 601, 034 | 14, 041 | 369, 653 | 327 | 89, 662, 689 | 16, 851 | 9, 694, 169 | 188, 411 |
| 1891 | 378, 572 | ..... | 106, 159 | ..... | 14, 131, 181 | 19, 990 | 150, 956 | 401 | 23, 669, 783 | 21, 572 | 5, 023, 841 | 122, 682 |
| 1892 | 76, 957 | 5 | 16, 812 | ..... | 36, 503, 653 | 50, 627 | 474, 286 | 66 | 69, 501, 177 | 57, 480 | 3, 573, 623 | 78, 211 |
| 1893 | ..... | ..... | 21, 972 | ..... | 17, 124, 238 | 38, 984 | 18, 340 | 200 | 30, 260, 017 | 40, 805 | 6, 548, 607 | 72, 639 |

**No. 166.—Quantities of CORN and CORN MEAL of Domestic Production EXPORTED, by COUNTRIES, etc., 1869 to 1893—Cont'd.**

| Year ending June 30— | COUNTRIES TO WHICH EXPORTED. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mexico. | | Central America. | | West Indies. | | | | | | | |
| | | | | | British West Indies. | | Cuba. | | Other West Indies. | | Total. | |
| | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. |
| | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* |
| 1869 | 72,216 | 7 | ..... | 120 | 226,266 | 115,586 | 55,099 | 3,120 | 54,074 | 58,168 | a 335,439 | 176,894 |
| 1870 | 62,859 | 2 | 260 | 294 | 135,735 | 86,785 | 237,291 | 1,031 | 75,172 | 51,552 | a 448,198 | 139,368 |
| 1871 | 173,585 | 102 | 205 | 4 | 233,602 | 96,356 | 295,287 | 1,757 | 20,429 | 42,020 | a 549,288 | 140,133 |
| 1872 | 21,039 | 29 | 1,183 | 396 | 190,695 | 108,529 | 107,602 | 5,299 | 27,190 | 45,452 | a 325,487 | 159,220 |
| 1873 | 104,146 | 304 | 10,744 | 61 | 213,458 | 129,694 | 437,162 | 2,374 | 68,997 | 57,657 | b 719,617 | 189,725 |
| 1874 | 55,891 | 87 | 8,394 | 208 | 204,995 | 117,752 | 661,159 | 2,661 | 67,513 | 61,208 | b 933,667 | 181,021 |
| 1875 | 9,862 | 221 | 892 | 22 | 199,169 | 92,433 | 278,870 | 11,030 | 41,245 | 39,681 | c 519,284 | 143,144 |
| 1876 | 93,487 | 187 | 5,683 | 77 | 237,642 | 126,132 | 539,264 | 5,186 | 70,374 | 50,440 | c 847,280 | 181,758 |
| 1877 | 64,776 | 109 | 1,479 | 33 | 229,702 | 92,533 | 284,859 | 1,905 | 83,294 | 59,644 | c 597,855 | 164,082 |
| 1878 | 288,109 | 548 | 2,929 | 175 | 265,946 | 117,855 | 301,115 | 840 | 122,994 | 55,758 | c 690,055 | 174,453 |
| 1879 | 126,613 | 505 | 18,110 | 185 | 275,245 | 108,127 | 934,516 | 5,227 | 84,029 | 49,306 | 1,293,790 | 162,660 |
| 1880 | 85,762 | 690 | 107,821 | 135 | 317,185 | 96,568 | 524,791 | 3,174 | 114,392 | 47,543 | 956,368 | 147,285 |
| 1881 | 352,510 | 182 | 13,743 | 561 | 380,157 | 163,448 | 219,012 | 3,682 | 287,977 | 50,759 | 887,146 | 217,889 |
| 1882 | 419,283 | 161 | 14,829 | 160 | 249,753 | 94,844 | 426,127 | 377 | 157,320 | 48,750 | 833,210 | 143,971 |
| 1883 | 476,453 | 1,560 | 36,291 | 211 | 218,841 | 80,336 | 257,791 | 4,547 | 100,346 | 40,988 | 576,978 | 125,871 |
| 1884 | 1,994,776 | 1,919 | 6,526 | 124 | 253,763 | 81,072 | 176,942 | 1,416 | 82,404 | 40,330 | 513,109 | 122,818 |
| 1885 | 2,058,937 | 2,445 | 7,779 | 124 | 339,042 | 89,541 | 108,565 | 1,693 | 183,328 | 44,634 | 630,935 | 135,868 |
| 1886 | 1,263,953 | 1,089 | 12,991 | 232 | 282,365 | 108,266 | 203,959 | 2,470 | 103,383 | 46,712 | 589,706 | 157,448 |
| 1887 | 894,496 | 1,386 | 39,693 | 144 | 275,876 | 77,766 | 344,815 | 3,209 | 98,170 | 40,338 | 718,861 | 121,818 |
| 1888 | 216,468 | 901 | 95,731 | 516 | 289,739 | 76,846 | 151,869 | 628 | 75,556 | 39,414 | 516,964 | 116,888 |
| 1889 | 434,997 | 799 | 18,805 | 603 | 336,734 | 97,318 | 145,525 | 3,544 | 138,004 | 39,825 | 620,263 | 140,687 |
| 1890 | 961,458 | 1,202 | 82,054 | 563 | 428,626 | 91,584 | 594,542 | 6,398 | 170,629 | 48,046 | 1,193,807 | 146,028 |
| 1891 | 615,332 | 2,256 | 186,816 | 387 | 507,852 | 116,582 | 367,324 | 856 | 118,457 | 43,954 | 993,633 | 161,392 |
| 1892 | 754,548 | 1,228 | 127,004 | 262 | 388,523 | 87,511 | 627,177 | 1,284 | 164,320 | 50,846 | d 1,120,020 | d 139,591 |
| 1893 | 6,960,356 | 2,000 | 146,741 | 393 | d 450,724 | 89,243 | 1,641,474 | 1,235 | 117,625 | 55,990 | 1,609,823 | 146,458 |

a Includes all French Possessions in America, British Guiana, British Honduras, Dutch Guiana, and Denmark.
b Includes French Guiana, Dutch Guiana, British Honduras, and Denmark. c Includes French Guiana, Dutch Guiana, and British Honduras. d Includes Bermuda.

No. 166.—Quantities of CORN and CORN MEAL of Domestic Production EXPORTED, by COUNTRIES, etc., 1869 to 1893—Cont'd.

| Year ending June 30— | Countries to which exported. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Brazil. | | Other South America. | | Oceanica. | | All other countries. | | Total. | |
| | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. | Corn. | Corn meal. |
| | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* | *Bushels.* | *Barrels.* |
| 1869 | 3,000 | 240 | 21,771 | 485 | 5,925 | 774 | 27 | 498 | 7,047,197 | 309,867 |
| 1870 | 46,992 | 55 | 18,955 | 440 | 314 | 239 | 283 | 241 | 1,392,115 | 187,093 |
| 1871 | 600 | 60 | 17,400 | 191 | 3,048 | 77 | ..... | 81 | 9,826,309 | 211,811 |
| 1872 | 3,788 | 4 | 48,328 | 1,104 | 850 | 4 | 113 | 103 | 34,491,650 | 308,840 |
| 1873 | 29,270 | 112 | 54,113 | 13,996 | 876 | 278 | 16,839 | 222 | 38,541,930 | 403,111 |
| 1874 | 12,202 | 241 | 73,211 | 14,845 | 845 | 33 | 29,460 | 381 | 34,434,606 | 387,807 |
| 1875 | 14,838 | 80 | 58,185 | 14,133 | ..... | 480 | 2,200 | 222 | 28,858,420 | 291,654 |
| 1876 | 45,163 | 42 | 82,455 | 14,540 | ..... | 250 | 6,641 | 537 | 49,493,572 | 354,240 |
| 1877 | 2,410 | 62 | 172,857 | 9,266 | 496 | 1,450 | 3,534 | 305 | 70,860,983 | 447,907 |
| 1878 | 167,154 | 2,100 | 263,144 | 12,977 | 537 | 5 | 312,971 | 2,105 | 85,461,098 | 432,753 |
| 1879 | 21,680 | 150 | 197,946 | 10,999 | 21,323 | 347 | 382,441 | 2,893 | 86,296,252 | 397,160 |
| 1880 | 62,720 | 2 | 165,195 | 13,610 | 18,302 | 627 | 304,609 | 696 | 98,169,877 | 350,613 |
| 1881 | 326 | 10 | 406,286 | 19,977 | 8,264 | 803 | 121,631 | 833 | 91,908,175 | 434,993 |
| 1882 | ..... | ..... | 281,347 | 9,185 | 9,461 | 667 | 6,886 | 734 | 43,184,915 | 288,942 |
| 1883 | ..... | 35 | 102,191 | 10,693 | 8,632 | 262 | 56,796 | 761 | 40,586,825 | 267,207 |
| 1884 | 10 | 9 | 80,703 | 8,920 | 22,575 | 119 | 5,769 | 471 | 45,247,490 | 252,779 |
| 1885 | ..... | 13 | 475,455 | 11,988 | 24,007 | 164 | 16,419 | 873 | 51,834,416 | 260,510 |
| 1886 | 202 | 52 | 259,628 | 9,230 | 19,005 | 1,380 | 80,243 | 884 | 63,655,433 | 293,546 |
| 1887 | 3,256 | 25 | 61,270 | 7,160 | 20,426 | 331 | 6,138 | 1,004 | 40,307,252 | 265,333 |
| 1888 | 453 | 115 | 60,174 | 11,089 | 55,874 | ..... | 6,065 | 838 | 24,278,417 | 270,613 |
| 1889 | 51,152 | 869 | 294,482 | 6,959 | 47,349 | ..... | 7,040 | 896 | 69,592,929 | 312,186 |
| 1890 | 38,985 | 179 | 281,610 | 6,815 | 51,371 | ..... | 7,574 | 1,199 | 101,973,717 | 961,248 |
| 1891 | 10,341 | 23 | 230,036 | 8,280 | 31,833 | ..... | 6,598 | 1,736 | 30,768,213 | 318,329 |
| 1892 | 2,125 | 111 | 198,706 | 9,747 | 7,370 | ..... | 17,276 | 979 | 75,451,849 | 287,609 |
| 1893 | 4,678 | 60 | 484,864 | 7,743 | 14,604 | ..... | 7,584 | 1,057 | 46,037,274 | 271,155 |

**No. 167.—Quantities of RAW COTTON of Domestic Production EXPORTED from the United States to the Principal and other FOREIGN COUNTRIES during the Ten Years from 1884 to 1893, inclusive.**

| Countries to which exported. | Year ending June 30— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* |
| Austria-Hungary | 880, 905 | 1, 948, 760 | 2, 625, 745 | ..... | ..... | 2, 804, 889 | 149, 912 | 2, 223, 665 | 5, 025, 919 | ..... |
| Belgium | 15, 431, 564 | 42, 832, 054 | 62, 534, 574 | 55, 144, 075 | 65, 395, 230 | 73, 903, 518 | 46, 793, 869 | 48, 711, 513 | 67, 186, 580 | 45, 199, 505 |
| Denmark | 1, 161, 403 | 2, 056, 198 | 687, 346 | 5, 078, 897 | 4, 356, 273 | 4, 044, 240 | 1, 977, 640 | 101, 756 | 373, 142 | 482, 893 |
| France | 223, 684, 355 | 180, 730, 787 | 200, 821, 631 | 233, 045, 151 | 196, 098, 231 | 200, 098, 258 | 242, 379, 218 | 276, 550, 085 | 346, 392, 302 | 284, 029, 370 |
| Germany | 181, 527, 646 | 234, 493, 522 | 284, 717, 581 | 280, 832, 199 | 280, 312, 012 | 330, 377, 803 | 418, 820, 516 | 509, 571, 909 | 482, 441, 204 | 425, 193, 574 |
| Gibraltar | ..... | ..... | ..... | ..... | 117, 632 | 46, 000 | ..... | ..... | ..... | ..... |
| Italy | 25, 862, 332 | 39, 520, 561 | 55, 236, 578 | 36, 611, 161 | 55, 187, 603 | 65, 533, 774 | 64, 875, 247 | 97, 011, 029 | 85, 501, 316 | 80, 009, 738 |
| Netherlands | 26, 956, 649 | 18, 965, 100 | 15, 835, 790 | 21, 867, 361 | 13, 862, 359 | 22, 177, 198 | 8, 718, 999 | 21, 834, 800 | 13, 962, 690 | 13, 306, 884 |
| Portugal | 52, 338 | 46, 259 | 146, 762 | ..... | ..... | 662, 981 | 2, 423, 937 | 4, 825, 873 | 2, 234, 556 | 3, 862, 403 |
| Azores, Madeira, and Cape Verde Islands | 552 | ..... | ..... | ..... | 578 | 449 | ..... | ..... | ..... | ..... |
| Russia | 96, 819, 455 | 67, 565, 253 | 92, 461, 697 | 75, 633, 369 | 108, 398, 899 | 72, 017, 966 | 96, 581, 200 | 67, 805, 544 | 67, 196, 148 | 18, 178, 048 |
| Spain | 67, 964, 108 | 67, 659, 740 | 84, 207, 164 | 69, 249, 434 | 84, 665, 545 | 90, 766, 502 | 87, 609, 782 | 109, 417, 985 | 93, 729, 102 | 100, 105, 977 |
| Sweden and Norway | 4, 299, 203 | 6, 773, 093 | 7, 192, 803 | 5, 180, 568 | 4, 654, 540 | 4, 358, 478 | 5, 562, 110 | 18, 499, 799 | 16, 890, 642 | 6, 879, 217 |
| Switzerland | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 311, 093 | ..... | ..... |
| United Kingdom | 1, 192, 126, 794 | 1, 209, 917, 044 | 1, 222, 240, 998 | 1, 356, 757, 340 | 1, 419, 262, 413 | 1, 470, 400, 067 | 1, 452, 576, 103 | 1, 700, 605, 960 | 1, 690, 842, 573 | 1, 181, 587, 898 |
| Total Europe | 1, 841, 767, 304 | 1, 872, 508, 371 | 2, 028, 708, 169 | 2, 139, 399, 555 | 2, 232, 311, 315 | 2, 337, 212, 183 | 2, 428, 528, 533 | 2, 857, 470, 961 | 2, 871, 776, 174 | 2, 158, 835, 567 |
| British Possessions in North America | 9, 607, 914 | 13, 198, 837 | 18, 712, 718 | 23, 951, 898 | 26, 026, 138 | 30, 571, 569 | 29, 236, 621 | 34, 630, 711 | 39, 614, 004 | 31, 493, 865 |
| Mexico | 11, 184, 207 | 5, 877, 000 | 10, 517, 415 | 5, 975, 330 | 5, 707, 174 | 16, 901, 267 | 13, 047, 474 | 12, 841, 122 | 22, 117, 381 | 20, 905, 980 |
| British West Indies and British Honduras | ..... | 515 | 480 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cuba | 466 | 1, 481 | ..... | 2, 105 | ..... | ..... | ..... | 6, 060 | ..... | 9, 886 |
| South America | ..... | 22, 900 | ..... | ..... | ..... | ..... | ..... | 2, 625 | ..... | 70, 643 |
| All other countries | 12, 639 | 50, 368 | 98, 662 | 128, 442 | 76, 199 | 131, 650 | 987, 225 | a 2, 407, 326 | b 1, 712, 252 | c 799, 185 |
| Total exports | 1, 862, 572, 530 | 1, 891, 659, 472 | 2, 058, 037, 444 | 2, 169, 457, 330 | 2, 264, 120, 826 | 2, 384, 816, 669 | 2, 471, 799, 853 | 2, 907, 358, 795 | 2, 935, 219, 811 | 2, 212, 115, 126 |
| Total exports in bales | 3, 884, 233 | 3, 969, 568 | 4, 283, 723 | 4, 499, 579 | 4, 696, 017 | 4, 872, 060 | 5, 020, 913 | 5, 820, 779 | 5, 891, 411 | 4, 431, 220 |

a Japan, 2,406,234. b Japan, 1,574,315. c Japan, 793,242.

**No. 168.—Quantities and Values of COTTONS of Domestic Manufacture Exported from the United States from 1870 to 1893, inclusive.**

| Year ending June 30— | Colored cloths. | | Uncolored cloths. | | Other manufactures of. | Total. |
|---|---|---|---|---|---|---|
| | *Yards.* | *Dollars.* | *Yards.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1870 | 6,064,715 | 1,035,469 | 8,276,384 | 1,345,988 | 1,405,825 | 3,787,282 |
| 1871 | 5,083,923 | 724,841 | 14,832,931 | 1,776,694 | 1,056,601 | 3,558,136 |
| 1872 | 2,844,888 | 458,998 | 8,859,191 | 1,317,719 | 527,613 | 2,304,330 |
| 1873 | 3,585,629 | 596,912 | 10,187,145 | 1,655,116 | 695,500 | 2,947,528 |
| 1874 | 4,625,180 | 668,781 | 13,247,142 | 1,681,209 | 745,850 | 3,095,840 |
| 1875 | 7,593,723 | 939,061 | 21,224,020 | 2,313,270 | 819,551 | 4,071,882 |
| 1876 | 16,488,214 | 1,455,462 | 59,319,267 | 5,314,738 | 952,778 | 7,722,978 |
| 1877 | 29,601,304 | 2,484,131 | 76,769,147 | 6,437,223 | 1,314,489 | 10,235,843 |
| 1878 | 37,765,313 | 2,959,910 | 88,528,192 | 7,053,463 | 1,425,287 | 11,438,660 |
| 1879 | 45,116,058 | 3,209,285 | 84,061,319 | 6,288,131 | 1,356,534 | 10,853,950 |
| 1880 | 37,758,166 | 2,956,760 | 68,821,557 | 5,834,541 | 1,190,117 | 9,981,418 |
| 1881 | 68,184,293 | 4,983,312 | 80,399,154 | 6,624,374 | 1,963,701 | 13,571,387 |
| 1882 | 29,525,672 | 2,326,319 | 114,994,402 | 9,351,713 | 1,544,947 | 13,222,979 |
| 1883 | 34,066,292 | 2,648,278 | 103,634,459 | 8,629,723 | 1,673,144 | 12,951,145 |
| 1884 | 35,441,296 | 2,579,866 | 99,750,450 | 7,503,361 | 1,801,984 | 11,885,211 |
| 1885 | 32,738,123 | 2,230,567 | 114,806,595 | 7,919,670 | 1,686,354 | 11,836,591 |
| 1886 | 51,293,873 | 3,149,091 | 142,547,980 | 9,231,170 | 1,579,673 | 13,959,934 |
| 1887 | 67,793,013 | 4,003,772 | 136,809,074 | 9,256,486 | 1,669,084 | 14,929,342 |
| 1888 | 54,446,936 | 3,522,612 | 115,766,679 | 7,812,947 | 1,677,630 | 13,013,186 |
| 1889 | 40,856,329 | 2,885,373 | 77,596,862 | 5,577,401 | 1,749,870 | 10,212,644 |
| 1890 | 42,309,770 | 2,896,435 | 75,716,490 | 5,480,403 | 1,632,439 | 9,999,277 |
| 1891 | 39,016,682 | 2,590,934 | 135,529,590 | 9,277,112 | 1,736,811 | 13,604,857 |
| 1892 | 40,815,450 | 2,484,360 | 142,938,871 | 8,673,663 | 2,068,254 | 13,226,277 |
| 1893 | 43,016,108 | 2,802,462 | 100,776,006 | 6,306,022 | 2,700,871 | 11,809,355 |

**No. 169.—Quantities and Values of EXPORTS of COTTONS of Domestic Manufacture from the United States by Countries during the Years ending June 30, 1892 and 1893.**

| Countries to which exported. | 1892. | | | 1893. | | |
|---|---|---|---|---|---|---|
| | Colored and uncolored. | | All other manufactures. | Colored and uncolored. | | All other manufactures. |
| | *Yards.* | *Dollars.* | *Dollars.* | *Yards.* | *Dollars.* | *Dollars.* |
| Belgium | 922,670 | 50,650 | 7,841 | 174,853 | 9,212 | 18,235 |
| Germany | 317,823 | 80,155 | 70,996 | 151,092 | 17,784 | 119,434 |
| United Kingdom | 7,165,014 | 558,315 | 161,726 | 6,798,705 | 520,863 | 241,670 |
| Dominion of Canada.a | 408,703 | 37,334 | 843,081 | 10,972,994 | 624,406 | 1,298,274 |
| Central American States | 7,546,926 | 415,998 | 78,268 | 5,730,521 | 323,953 | 67,638 |
| Mexico.a | 8,319,481 | 492,079 | 155,862 | 4,245,904 | 291,893 | 140,328 |
| West Indies | 12,150,323 | 888,617 | 125,528 | 15,325,369 | 1,157,328 | 136,383 |
| Brazil | 10,324,021 | 673,725 | 75,645 | 19,488,281 | 1,325,787 | 76,782 |
| Chile | 16,071,927 | 839,142 | 17,393 | 9,242,409 | 488,566 | 11,254 |
| Other South America | 19,496,685 | 1,167,887 | 85,619 | 16,178,517 | 1,151,137 | 148,281 |
| China | 65,859,218 | 3,887,732 | 5,231 | 27,706,642 | 1,638,657 | 5,976 |
| Other Asia and Oceanica | 10,832,403 | 710,629 | 361,529 | 6,641,120 | 434,124 | 314,726 |
| Madagascar | 4,790,783 | 287,769 | ..... | 2,496,098 | 118,773 | ..... |
| Other Africa | 7,414,618 | 431,699 | 10,779 | 6,698,787 | 376,558 | 18,587 |
| All other countries | 12,083,726 | 736,297 | 69,256 | 11,940,329 | 635,433 | 111,316 |
| Total | 183,754,321 | 11,158,023 | 2,068,254 | 143,792,114 | 9,108,484 | 2,700,871 |

a Data of exports by railways incomplete prior to April 1, 1893.

**No. 170.—Quantities and Values of TEA and COFFEE Imported into and Exported from, and Net Imports into, the United States, and the estimated net Imports per capita of population, from 1869 to 1893, inclusive.**

| Year ending June 30— | Tea. | | | | | | | Coffee. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Imports. | | Exports. | | Net imports. | | Per capita of population. | Imports. | | Exports. | | Net imports. | | Per capita of population. |
| | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* |
| 1869..... | 43, 754, 354 | 13, 687, 750 | 2, 944, 329 | 947, 481 | 40, 810, 025 | 12, 740, 269 | 1. 08 | 254, 160, 993 | 24, 531, 743 | 10, 765, 895 | 1, 020, 231 | 243, 395, 598 | 23, 511, 512 | 6. 45 |
| 1870..... | 47, 408, 481 | 13, 863, 273 | 4, 868, 010 | 1, 374, 056 | 42, 540, 471 | 12, 489, 217 | 1. 10 | 235, 256, 574 | 24, 234, 879 | 4, 083, 000 | 410, 836 | 231, 173 574 | 23, 824, 013 | 6. 00 |
| 1871..... | 51, 364, 919 | 17, 254, 617 | 6, 469 974 | 1, 929, 830 | 44, 894, 945 | 15, 324, 787 | 1. 14 | 317, 992, 048 | 30, 992, 869 | 5, 257, 012 | 498, 560 | 312, 735, 036 | 30, 494, 309 | 7. 96 |
| 1872..... | 63, 811, 003 | 22, 943, 575 | 4, 441, 401 | 1, 259, 408 | 59, 369, 602 | 21, 684, 167 | 1. 46 | 298, 805, 946 | 37, 942, 225 | 3, 467, 462 | 408, 674 | 295, 338, 484 | 37, 533, 551 | 7. 28 |
| 1873..... | 64, 815, 136 | 24, 466, 170 | 1, 060, 196 | 454, 641 | 63, 754, 940 | 24, 011, 529 | 1. 53 | 293, 297, 271 | 44, 109, 671 | 6, 851, 027 | 1, 143, 676 | 286, 446. 244 | 42, 966, 595 | 6. 87 |
| 1874..... | 55, 811, 605 | 21, 112, 234 | 1, 670, 252 | 871, 936 | 54, 141, 353 | 20, 240, 278 | 1. 27 | 285, 171, 512 | 55, 048, 967 | 3, 285, 636 | 705, 860 | 281, 885, 876 | 54, 343, 107 | 6. 59 |
| 1875..... | 64, 856, 899 | 22, 673, 703 | 1, 565. 595 | 714, 185 | 63, 291, 304 | 21, 959, 518 | 1. 44 | 317, 970, 665 | 50, 591, 488 | 6, 834, 014 | 1, 280, 154 | 311, 136, 651 | 49, 311, 334 | 7. 08 |
| 1876..... | 62, 887, 153 | 19, 524, 166 | 1, 726, 908 | 874, 574 | 61, 160, 245 | 18, 649, 592 | 1. 35 | 339, 789, 246 | 56, 788, 997 | 8, 884, 457 | 1, 625, 932 | 330, 904, 789 | 55, 163, 065 | 7. 33 |
| 1877..... | 58, 347, 112 | 16, 181, 467 | 1, 508, 937 | 676, 566 | 56, 838, 175 | 15, 504, 901 | 1. 23 | 331, 639, 723 | 53, 634, 991 | 9, 890, 715 | 1, 567, 058 | 321, 749, 008 | 52, 067, 933 | 6. 94 |
| 1878..... | 65, 366, 704 | 15, 660, 168 | 2, 243, 516 | 737, 544 | 63, 123, 188 | 14, 922, 624 | 1. 33 | 309, 882, 540 | 51, 914, 605 | 12, 821, 426 | 2, 086, 366 | 297, 061, 114 | 49, 828, 239 | 6. 24 |
| 1879..... | 60, 194, 673 | 14, 577, 618 | 1, 303, 138 | 362, 092 | 58, 891, 535 | 14, 215, 526 | 1. 21 | 377, 848, 473 | 47, 356, 819 | 15, 092, 846 | 2, 311, 568 | 362, 755 627 | 45, 045, 251 | 7. 42 |
| 1880..... | 72, 162, 936 | 19, 782, 631 | 2, 268, 167 | 799, 263 | 69, 894, 769 | 18, 983, 368 | 1. 39 | 446, 850, 727 | 60, 360, 769 | 6, 721, 889 | 944, 573 | 440, 128, 838 | 59, 416, 196 | 8. 78 |
| 1881..... | 81, 843, 988 | 21, 004, 813 | 2, 713, 139 | 779, 395 | 79, 130, 849 | 20, 225, 418 | 1. 54 | 455, 189, 534 | 56, 784, 391 | 31, 913, 062 | 4, 395, 558 | 423, 276, 472 | 52, 388, 833 | 8. 25 |
| 1882..... | 78, 769, 060 | 19, 392, 102 | 1, 578, 000 | 417, 056 | 77, 191, 060 | 18, 975, 046 | 1. 47 | 459, 922, 768 | 46, 041, 609 | 24, 343, 478 | 3, 226, 582 | 435, 579, 289 | 42, 815, 027 | 8. 30 |
| 1883..... | 73, 479, 164 | 17, 302, 849 | 3, 881, 219 | 1, 023, 955 | 69, 597, 945 | 16, 278, 894 | 1. 30 | 515, 878, 515 | 42, 050, 513 | 37, 376, 390 | 3, 895, 262 | 478, 502, 125 | 38, 155, 251 | 8. 91 |
| 1884..... | 67, 665, 910 | 13, 636, 053 | 7, 603, 966 | 1, 322, 853 | 60, 061, 944 | 12, 313, 200 | 1. 09 | 534, 785, 542 | 49, 686, 706 | 26, 152, 679 | 2, 731, 311 | 508, 632, 863 | 46, 955, 394 | 9. 26 |
| 1885..... | 72, 104, 956 | 14, 047, 583 | 5, 730, 591 | 911, 801 | 66, 374, 365 | 13, 135, 782 | 1. 18 | 572, 509, 552 | 46, 723, 318 | 33, 335, 196 | 3, 334, 048 | 539, 264, 356 | 43, 389, 270 | 9. 60 |
| 1886..... | 81, 887, 998 | 16, 020, 383 | 3, 014, 847 | 535, 118 | 78, 873, 151 | 15, 485, 265 | 1. 37 | 564, 707, 533 | 42, 672, 937 | 27, 495, 752 | 2, 527, 633 | 537, 211, 781 | 40, 145, 304 | 9. 36 |
| 1887..... | 89, 831, 221 | 16, 771, 802 | 2, 350, 035 | 407, 169 | 87, 481, 186 | 16, 364, 633 | 1. 49 | 526, 109, 170 | 56, 347, 600 | 25, 289, 583 | 2, 931, 400 | 500, 819, 587 | 53, 416, 200 | 8. 53 |
| 1888..... | 84, 627, 870 | 13, 360, 685 | 683, 323 | 206, 514 | 83, 944, 547 | 13, 154, 171 | 1. 40 | 423, 645, 794 | 60, 507, 630 | 15, 083, 019 | 1, 836, 893 | 408, 562, 775 | 58, 670, 737 | 6. 81 |
| 1889..... | 79, 575, 984 | 12, 654, 640 | 383, 731 | 92, 828 | 79, 192, 253 | 12, 561, 812 | 1. 29 | 578, 397, 454 | 74, 724, 883 | 17, 265, 354 | 2, 584, 985 | 561, 132, 100 | 72, 139, 897 | 9. 16 |
| 1890..... | 83, 886, 829 | 12, 317, 493 | 391, 873 | 97, 850 | 83, 494, 956 | 12, 219, 643 | 1. 33 | 499, 159, 120 | 78, 267, 432 | 8, 997, 220 | 1, 516, 453 | 490, 161, 900 | 76, 750, 979 | 7. 83 |
| 1891..... | 83, 453, 339 | 13, 828, 993 | 1, 057, 415 | 189, 208 | 82, 395, 924 | 13, 639, 785 | 1. 29 | 519, 528, 432 | 96, 123, 777 | 8, 486, 973 | 1, 495, 658 | 511, 041, 459 | 94, 628, 119 | 7. 98 |
| 1892..... | 90, 079, 039 | 14, 373, 222 | 468, 298 | 105, 811 | 89, 610, 741 | 14, 267, 411 | 1. 37 | 640, 210, 788 | 128, 041, 930 | 10, 589, 040 | 1, 646, 613 | 629, 671, 748 | 126, 395, 317 | 9. 61 |
| 1893..... | 89, 061, 287 | 13, 857, 482 | 930, 199 | 205, 682 | 88, 131, 088 | 13, 651, 800 | 1. 32 | 563, 469, 068 | 80, 485, 558 | 12, 073, 818 | 2, 041, 062 | 551, 395, 250 | 78, 444, 496 | 8. 24 |

NOTE.—The population used in computation for years 1870, 1880, and 1890 is that of the census enumeration; for other years the estimates of the Actuary of the Treas. Dept.

**No. 171.—Quantities and Values of Sugar and Molasses Imported into the United States, with the Annual Amounts of Duty Collected on, and Cost per Pound of, Imported Sugar for Each Year from 1851 to 1893, inclusive.**

| Year ending June 30— | Sugar. | | | | | Molasses. | |
|---|---|---|---|---|---|---|---|
| | Dutiable. | Free and dutiable. | | Duty collected. | Average cost per pound in foreign country. | Free and dutiable. | |
| | *Pounds.* | *Pounds.* | *Dollars.* | *Dollars.* | *Cents.* | *Gallons.* | *Dollars.* |
| 1851.... | 380, 402, 289 | 380, 402, 289 | 13, 841, 471 | 4, 043, 612. 70 | 3. 64 | 36, 376, 772 | 3, 707, 581 |
| 1852.... | 457, 511, 093 | 457, 511, 093 | 14, 712, 848 | 4, 175, 758. 80 | 3. 22 | 32, 795, 610 | 3, 595, 127 |
| 1853.... | 464, 402, 286 | 464, 402, 286 | 14, 987, 831 | 4, 250, 501. 10 | 3. 23 | 31, 886, 100 | 3, 684, 888 |
| 1854.... | 455, 928, 585 | 455, 928, 585 | 13, 702, 781 | 3, 481, 423. 80 | 3. 01 | 27, 759, 463 | 3, 126, 293 |
| 1855.... | 473, 809, 847 | 473. 809, 847 | 14, 676, 345 | 3, 981, 921. 90 | 3. 10 | 26, 385, 593 | 3, 502, 370 |
| 1856.... | 545, 226, 430 | 545, 226, 430 | 22, 537, 414 | 6, 385, 974. 90 | 4. 08 | 23, 617, 674 | 4, 334, 668 |
| 1857.... | 776, 984, 262 | 776, 984, 262 | 42, 774, 614 | 12, 477, 020. 10 | 5. 45 | 32, 705, 844 | 8, 259, 175 |
| 1858.... | 519, 200, 387 | 519, 200, 387 | 23, 434, 508 | 4, 550, 639. 28 | 4. 26 | 24, 566, 357 | 4, 116, 759 |
| 1859.... | 655, 846, 362 | 655, 846, 362 | 30, 577, 335 | 6, 797, 879. 28 | 4. 55 | 32, 818, 146 | 5, 062, 850 |
| 1860.... | 694, 838, 197 | 694, 838, 197 | 31, 078, 970 | 6, 941, 553. 12 | 4. 38 | 30, 922, 633 | 5, 216, 321 |
| 1861.... | 809, 749, 958 | 809, 749, 958 | 30, 637, 897 | 6, 511, 251. 19 | 3. 68 | 29, 941, 397 | 4, 149, 429 |
| 1862.... | 557, 738, 382 | 557, 738, 382 | 20, 357, 090 | 11, 624, 493. 64 | 3. 66 | 25, 157, 280 | 3, 427, 813 |
| 1863.... | 518, 594, 861 | 518, 594, 861 | 19, 082, 017 | 11, 118, 544. 38 | 3. 63 | 31, 206, 986 | 4, 732, 378 |
| 1864.... | 632, 230, 247 | 632, 230, 247 | 29, 660, 076 | 14, 301, 234. 65 | 4. 68 | 33, 871, 230 | 7, 256, 064 |
| 1865.... | 651, 936, 494 | 651, 936, 494 | 27, 325, 897 | 17, 642, 958. 88 | 4. 39 | 37, 306, 168 | 7, 426, 397 |
| 1866.... | 1, 000, 055, 024 | 1, 000, 055, 024 | 40, 669, 172 | 27, 312, 967. 65 | 4. 02 | 45, 285, 983 | 7, 683, 241 |
| 1867.... | 849, 054, 006 | 849, 054, 006 | 35, 941, 253 | 28, 570, 492. 23 | 4. 09 | 56, 123, 079 | 11, 415, 275 |
| 1868.... | 1, 121, 189, 415 | 1, 121, 189, 415 | 49, 495, 102 | 30, 447, 970. 89 | 4. 33 | 56, 408, 435 | 12, 100, 332 |
| 1869.... | 1, 247, 833, 430 | 1, 247, 833, 430 | 60, 407, 202 | 30, 923, 907. 06 | 4. 74 | 53, 304, 030 | 12, 011, 147 |
| 1870.... | 1, 196, 773, 569 | 1, 196, 773, 569 | 56, 923, 745 | 36, 819, 041. 26 | 4. 95 | 56, 373, 537 | 12, 888, 250 |
| 1871.... | 1, 277, 473, 653 | 1, 277, 473, 653 | 64, 621, 239 | 30, 751, 497. 34 | 4. 94 | 44, 401, 359 | 10, 192, 384 |
| 1872.... | 1, 509, 185, 674 | 1, 509, 185, 674 | 81, 213, 001 | 28, 865, 447. 02 | 5. 37 | 42, 214, 403 | 10, 627, 511 |
| 1873.... | 1, 568, 304, 592 | 1, 568, 304, 592 | 82, 716, 953 | 29, 832, 579. 43 | 5. 35 | 43, 533, 909 | 9, 901, 051 |
| 1874.... | 1, 701, 297, 869 | 1, 701, 297, 869 | 81, 887, 463 | 32, 491, 318. 70 | 4. 95 | 47, 189, 837 | 10, 947, 824 |
| 1875.... | 1, 797, 509, 990 | 1, 797, 509, 990 | 78, 330, 556 | 34, 650, 084. 66 | 4. 35 | 49, 112, 255 | 11, 685, 234 |
| 1876.... | 1, 493, 977, 472 | 1, 493, 977, 472 | 58, 120, 583 | 39, 438, 417. 55 | 4. 04 | 39, 026, 200 | 8, 157, 470 |
| 1877.... | 1, 623, 932, 669 | 1, 654, 556, 831 | 84, 978, 182 | 35, 268, 294. 48 | 4. 91 | 30, 327, 825 | 7, 831, 873 |
| 1878.... | 1, 507, 515, 385 | 1, 537, 451, 934 | 73, 090, 958 | 37, 075, 426. 96 | 5. 06 | 27, 577, 542 | 6, 778, 568 |
| 1879.... | 1, 793, 004, 002 | 1, 834, 365, 836 | 72, 078, 688 | 38, 065, 803. 76 | 4. 10 | 38, 460, 347 | 7, 202, 881 |
| 1880.... | 1, 768, 253, 496 | 1, 829, 291, 684 | 80, 087, 720 | 39, 739, 306. 49 | 4. 18 | 38, 120, 889 | 8, 725, 078 |
| 1881.... | 1, 869, 957, 918 | 1, 946, 745, 205 | 86, 670, 624 | 46, 318, 073. 49 | 4. 41 | 28, 708, 221 | 6, 734, 084 |
| 1882.... | 1, 884, 267, 751 | 1, 990, 153, 374 | 90, 439, 675 | 46, 711, 795. 14 | 4. 41 | 37, 268, 830 | 10, 040, 511 |
| 1883.... | 2, 023, 686, 453 | 2, 137, 667, 865 | 91, 637, 992 | 44, 591, 448. 98 | 4. 37 | 33, 228, 270 | 7, 679, 604 |
| 1884.... | 2, 631, 258, 228 | 2, 756, 416, 896 | 98, 262, 607 | 47, 500, 749. 79 | 3. 61 | 34, 128, 640 | 5, 600, 685 |
| 1885.... | 2, 548, 232, 050 | 2, 717, 884, 653 | 72, 519, 514 | 50, 885, 915. 89 | 2. 67 | 31, 392, 893 | 4, 199, 296 |
| 1886.... | 2, 498, 258, 590 | 2, 689, 881, 765 | 80, 773, 744 | 50, 265, 538. 24 | 2. 84 | 39, 079, 808 | 5, 595, 670 |
| 1887.... | 2, 918, 152, 405 | 3, 136, 443, 240 | 78, 411, 224 | 56, 507, 495. 57 | 2. 50 | 38, 007, 700 | 5, 355, 475 |
| 1888.... | 2, 471, 743, 769 | 2, 700, 284, 282 | 74, 245, 206 | 50, 647, 014. 17 | 2. 75 | 35, 582, 539 | 5, 491, 096 |
| 1889.... | 2, 518, 878, 284 | 2, 762, 202, 967 | 88, 543, 971 | 54, 896, 437. 38 | 3. 21 | 27, 024, 551 | 4, 753, 897 |
| 1890.... | 2, 709, 554, 549 | 2, 934, 011, 560 | 96, 094, 532 | 53, 985, 873. 85 | 3. 28 | 31, 497, 243 | 5, 168, 795 |
| 1891.... | 1, 839, 147, 334 | 3, 483, 477, 222 | 105, 728, 216 | 32, 303, 692. 63 | 3. 03 | a20, 604, 463 | a2, 659, 172 |
| 1892.... | 14, 880, 402 | 3, 556, 504, 165 | 104, 408, 813 | 76, 795. 14 | 2. 93 | b22, 448, 209 | b2, 877, 744 |
| 1893.... | 33, 405, 081 | 3, 766, 445, 347 | 116, 255, 784 | 163, 956. 25 | 3. 09 | b15, 490, 679 | b1, 992, 334 |

a Of this amount, 4,490,912 gallons, valued at $698,197, was imported dutiable. b All free of duty.

NOTE.—All sugar and molasses imported prior to 1877 were dutiable; from 1877 all raw sugar and molasses imported from the Hawaiian Islands were free of duty; all sugar not above No. 16 Dutch standard, and all molasses imported from April 1, 1891, were free of duty, except such as are provided for in section 3 of the act of October 1, 1890.

**No. 172.—Quantities of WOOL Produced, Imported, Exported, and Retained for Consumption in the United States during 1840, 1850, 1860, and from 1863 to 1893, inclusive.**

| Year ending June 30— | b Production. | Exports of domestic. | Domestic retained for consumption. | Imports. | Exports of foreign. | Foreign retained for consumption. | Total consumption, domestic and foreign. | Per cent of consumption, foreign. |
|---|---|---|---|---|---|---|---|---|
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | |
| 1840 a.. | 35, 802, 114 | ..... | 35, 802, 114 | 9, 898, 740 | 85, 528 | 9, 813, 212 | 45, 615, 326 | 21. 5 |
| 1850.... | 52, 516, 959 | 35, 898 | 52, 481, 061 | 18, 695, 294 | ..... | 18, 695, 294 | 71, 176, 355 | 26. 3 |
| 1860.... | 60, 264, 913 | 1, 055, 928 | 59, 208, 985 | 26, 282, 955 | 157, 064 | 26, 125, 891 | 85, 334, 876 | 30. 6 |
| 1863.... | 106, 000, 000 | 355, 722 | 105, 644, 278 | 75, 121, 728 | 708, 850 | 74, 412, 878 | 180, 057, 156 | 41. 3 |
| 1864.... | 123, 000, 000 | 155, 482 | 122, 844, 518 | 91, 250, 114 | 223, 475 | 91, 026, 639 | 213, 871, 157 | 42. 6 |
| 1865.... | 142, 000, 000 | 466, 182 | 141, 533, 818 | 44, 420, 375 | 679, 281 | 43, 741, 094 | 185, 274, 912 | 23. 6 |
| 1866.... | 155, 000, 000 | 973, 075 | 154, 026, 925 | 71, 287, 968 | 852, 045 | 70, 435, 943 | 224, 462, 868 | 31. 0 |
| 1867.... | 160, 000, 000 | 307, 418 | 159, 692, 582 | 38, 158, 382 | 619, 614 | 37, 538, 768 | 197, 231, 350 | 19. 0 |
| 1868.... | 168, 000, 000 | 558, 435 | 167, 441, 565 | 25, 467, 336 | 2, 801, 852 | 22, 665, 484 | 190, 107, 049 | 11. 9 |
| 1869.... | 180, 000, 000 | 444, 387 | 179, 555, 613 | 39, 275, 926 | 342, 417 | 38, 933, 509 | 218, 489, 122 | 17. 8 |
| 1870.... | 162, 000, 000 | 152, 892 | 161, 847, 108 | 49, 230, 199 | 1, 710, 053 | 47, 520, 146 | 209, 367, 254 | 22. 7 |
| 1871.... | 160, 000, 000 | 25, 195 | 159, 974, 805 | 68, 058, 028 | 1, 305. 311 | 66, 752, 717 | 226, 727, 522 | 29. 4 |
| 1872.... | 150, 000, 000 | 140, 515 | 149, 859, 485 | 126, 507, 409 | 2, 343. 937 | 124, 163, 472 | 274, 022, 957 | 45. 3 |
| 1873.... | 158, 000, 000 | 75, 129 | 157, 924, 871 | 85, 496, 049 | 7, 040, 386 | 78, 455, 663 | 236, 380, 534 | 33. 2 |
| 1874.... | 170, 000, 000 | 319, 600 | 169, 680, 400 | 42, 939, 541 | 6, 816, 157 | 36, 123, 384 | 205, 803, 784 | 17. 5 |
| 1875.... | 181, 000, 000 | 178, 034 | 180, 821, 966 | 54, 901, 760 | 3, 567, 627 | 51, 334, 133 | 232, 156, 099 | 22. 1 |
| 1876.... | 192, 000, 000 | 104, 768 | 191, 895, 232 | 44, 642, 836 | 1, 518, 426 | 43, 124, 410 | 235, 019, 642 | 18. 3 |
| 1877.... | 200, 000, 000 | 79, 599 | 199, 920, 401 | 42, 171, 192 | 3, 088, 957 | 39, 082, 235 | 239, 002, 636 | 16. 3 |
| 1878.... | 208, 250, 000 | 347, 854 | 207, 902, 146 | 48, 449, 079 | 5, 952, 221 | 42, 496, 858 | 250, 399, 004 | 16. 9 |
| 1879.... | 211, 000, 000 | 60, 784 | 210, 939, 216 | 39, 005, 155 | 4, 104, 616 | 34, 900, 539 | 245, 839, 755 | 14. 2 |
| 1880.... | 232, 500, 000 | 191, 551 | 232, 308, 449 | 128, 131, 747 | 3, 648, 520 | 124, 483, 227 | 356, 791, 676 | 34. 9 |
| 1881.... | 240, 000, 000 | 71, 455 | 239, 928, 545 | 55, 964, 236 | 5, 507, 534 | 50, 456, 702 | 290, 385, 247 | 17. 3 |
| 1882.... | 272, 000, 000 | 116, 179 | 271, 883, 821 | 67, 861, 744 | 3, 831, 836 | 64, 029, 908 | 335, 913, 729 | 19. 0 |
| 1883.... | 290, 000, 000 | 64, 474 | 289, 935, 526 | 70, 575, 478 | 4, 010, 043 | 66, 565, 435 | 356, 500, 961 | 18. 7 |
| 1884... | 300, 000, 000 | 10, 393 | 299, 989, 607 | 78, 350, 651 | 2, 304, 701 | 76, 045, 950 | 376, 035, 557 | 20. 6 |
| 1885.... | 308, 000, 000 | 88, 006 | 307, 911, 994 | 70, 596, 170 | 3, 115, 339 | 67, 480, 831 | 375, 392, 825 | 18. 0 |
| 1886.... | 302, 000, 000 | 146, 423 | 301, 853, 577 | 129, 084, 958 | 6, 534, 426 | 122, 550, 532 | 424, 404, 109 | 28. 9 |
| 1887.... | 285, 000, 000 | 257, 940 | 284, 742, 060 | 114, 038, 030 | 6, 728, 292 | 107, 309, 738 | 392, 051, 798 | 27. 4 |
| 1888.... | 269, 000, 000 | 22, 164 | 268, 977, 836 | 113, 558, 753 | 4, 359, 731 | 109, 199, 022 | 378, 176, 858 | 28. 9 |
| 1889.... | 265, 000, 000 | 141, 576 | 264, 858, 424 | 126, 487, 729 | 3, 263, 094 | 123, 224, 635 | 388, 083, 059 | 31. 8 |
| 1890.... | 276, 000, 000 | 231, 042 | 275, 768, 958 | 105, 431, 285 | 3, 288, 467 | 102, 142, 818 | 377, 911, 776 | 27. 0 |
| 1891.... | 285, 000, 000 | 291, 922 | 284, 708, 078 | 129, 303, 648 | 2, 638, 128 | 126, 665, 525 | 411, 373, 603 | 30. 8 |
| 1892.... | 294, 000, 000 | 202, 456 | 293, 797, 544 | 148, 670, 652 | 3, 007, 563 | 145, 663, 089 | 439, 460, 633 | 33. 1 |
| 1893.... | 303, 153, 000 | 92, 858 | 303, 061, 142 | 172, 433, 838 | 4, 218, 637 | 168, 215, 201 | 471, 276, 343 | 35. 7 |

a Year ending September 30. b From estimates of the Department of Agriculture.

**No. 173.—Quantities of raw cotton produced, imported, exported, and retained for consumption in the United States from 1871 to 1893, inclusive.**

| Year ending June 30— | Production. | | | | | Exports of domestic. | Domestic retained for consumption. | Imports. | Exports of foreign. | Foreign retained for consumption. | Total consumption, domestic and foreign. | Per cent of domestic product exported. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Annual crop. *a* | Average net weight of bale. *b* | Average gross weight of bale. *c* | Crop in pounds, gross weight. | Farm value. | | | | | | | |
| | *Bales.* | *Pounds.* | *Pounds.* | *Pounds.* | *Dollars.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | |
| 1871 | 4,347,006 | 438 | 464.85 | 2,020,693,736 | 286,000,000 | 1,462,928,624 | 557,765,712 | 1,196,840 | 776,488 | 420,357 | 558,186,069 | 72.39 |
| 1872 | 2,974,351 | 439 | 465.34 | 1,384,084,494 | 288,300,000 | 933,537,413 | 450,547,081 | 2,894,183 | 288,297 | 2,605,886 | 453,152,967 | 67.44 |
| 1873 | 2,930,508 | 440 | 466.10 | 1,833,188,931 | 301,087,500 | 1,200,663,530 | 633,125,401 | 4,425,524 | 334,648 | 4,090,876 | 637,216,277 | 65.47 |
| 1874 | 4,170,388 | 439 | 465.34 | 1,940,648,352 | 312,480,000 | 1,358,602,303 | 582,046,049 | 3,625,830 | 377,610 | 3,248,220 | 585,294,269 | 70.03 |
| 1875 | 3,827,845 | 439 | 465.97 | 1,783,644,032 | 256,215,000 | 1,260,418,903 | 523,225,129 | 2,149,332 | 433,041 | 1,716,291 | 524,941,420 | 70.69 |
| 1876 | 4,632,313 | 436 | 465.85 | 2,157,958,142 | 272,926,400 | 1,491,405,334 | 666,552,808 | 2,451,419 | 224,497 | 2,226,922 | 668,779,730 | 70.75 |
| 1877 | 4,474,069 | 438 | 468.45 | 2,095,901,297 | 229,444,600 | 1,445,369,130 | 650,532,167 | 2,656,567 | 277,949 | 2,378,618 | 652,910,785 | 68.97 |
| 1878 | 4,773,865 | 450 | 473.47 | 2,260,285,666 | 205,000,000 | 1,607,533,511 | 652,752,155 | 3,032,013 | 935,541 | 2,096,472 | 654,848,627 | 71.23 |
| 1879 | 5,074,155 | 443 | 473.85 | 2,404,410,373 | 193,854,641 | 1,628,372,838 | 776,037,540 | 2,993,677 | 503,146 | 2,490,531 | 778,528,071 | 67.74 |
| 1880 | 5,761,252 | 453 | 481.11 | 2,771,797,156 | 242,140,287 | 1,822,061,114 | 949,736,042 | 3,547,792 | 234,729 | 3,313,063 | 953,049,105 | 65.78 |
| 1881 | 6,605,750 | 456 | 484.40 | 3,199,822,682 | 280,266,242 | 2,191,928,772 | 1,007,893,910 | 4,449,866 | 1,240,576 | 3,209,290 | 1,011,103,200 | 68.47 |
| 1882 | 5,456,048 | 446 | 474.38 | 2,588,240,050 | 259,016,315 | 1,739,975,961 | 848,264,089 | 4,339,952 | 1,843,490 | 2,496,462 | 850,760,551 | 67.23 |
| 1883 | 6,949,756 | 460 | 489.95 | 3,405,070,410 | 309,696,500 | 2,288,975,062 | 1,116,995,348 | 4,081,945 | 3,238,930 | 843,015 | 1,117,838,363 | 67.20 |
| 1884 | 5,713,200 | 452 | 482.66 | 2,757,544,422 | 250,594,750 | 1,862,572,530 | 894,971,892 | 7,019,492 | 1,353,936 | 5,665,556 | 900,637,448 | 67.56 |
| 1885 | 5,706,165 | 451 | 480.70 | 2,742,966,011 | 253,993,385 | 1,891,659,472 | 851,306,539 | 5,115,680 | 1,609,260 | 3,506,420 | 854,812,959 | 68.96 |
| 1886 | 6,575,691 | 455 | 483.95 | 3,182,305,659 | 269,989,812 | 2,058,037,444 | 1,124,268,215 | 5,072,334 | 1,276,961 | 3,795,373 | 1,128,063,588 | 64.68 |
| 1887 | 6,505,087 | 455 | 485.37 | 3,157,378,443 | 257,295,327 | 2,169,457,330 | 987,921,113 | 3,924,531 | 716,371 | 3,208,160 | 991,129,273 | 68.71 |
| 1888 | 7,046,833 | 458 | 488.05 | 3,439,172,391 | 291,045,846 | 2,264,120,826 | 1,175,051,565 | 5,497,502 | 203,972 | 5,293,530 | 1,180,345,185 | 65.83 |
| 1889 | 6,938,290 | 467 | 495.79 | 3,439,934,799 | 292,139,209 | 2,384,816,669 | 1,055,118,130 | 7,973,039 | 187,959 | 7,785,080 | 1,062,903,210 | 69.33 |
| 1890 | 7,311,322 | 477 | 496.13 | 3,627,366,183 | 308,424,271 | 2,471,799,853 | 1,155,566,330 | 8,606,049 | 248,104 | 8,357,945 | 1,163,924,275 | 68.15 |
| 1891 | 8,652,597 | 477 | 498.81 | 4,316,043,983 | *c* 350,000,000 | 2,907,358,795 | 1,408,685,187 | 20,908,817 | 447,794 | 20,461,023 | 1,429,146,210 | 67.36 |
| 1892 | 9,035,379 | 476 | 498.77 | 4,506,575,984 | *c* 313,000,000 | 2,935,219,811 | 1,571,356,173 | 28,663,769 | 132,777 | 28,530,992 | 1,599,887,165 | 65.13 |
| 1893 | 6,700,365 | 472 | 500.37 | 3,352,658,458 | *c* 268,000,000 | 2,212,115,126 | 1,140,543,332 | 43,367,963 | 360,833 | 43,007,120 | 1,183,550,452 | 65.99 |

*a* The amounts given as "annual crop" represent the commercial movement for the years ending August 31, and have been furnished by the New York Shipping and Commercial List, the New York Commercial and Financial Chronicle, the National Cotton Exchange, and the New Orleans Cotton Exchange.

*b* As reported by Mr. Thomas Ellison, of Liverpool. *c* As reported by Henry A. Hester, secretary New Orleans Cotton Exchange.

## No. 174.—Production of PIG IRON [in tons of 2,240 pounds] in each State and Territory of the United States for each year from 1881 to 1893, inclusive, and the Number of Furnaces in 1881 and 1893, respectively.

[From the Annual Reports of the American Iron and Steel Association.]

| States and Territories. | No. of furnaces Dec. 31, 1881. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. | No. of furnaces Dec. 31, 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***New England and Middle States.*** | | | | | | | | | | | | | | | |
| Connecticut | 10 | 25,431 | 21,734 | 17,836 | 12,655 | 15,625 | 17,312 | 19,412 | 19,325 | 21,557 | 20,136 | 21,811 | 17,107 | 12,478 | 7 |
| Maine | 1 | 3,929 | 3,661 | 3,928 | ..... | 394 | 4,513 | 3,926 | 4,977 | 4,643 | 1,071 | ..... | ..... | ..... | ..... |
| Maryland | 23 | 43,532 | 43,682 | 43,887 | 24,413 | 15,445 | 27,234 | 33,417 | 15,720 | 30,221 | 147,821 | 123,398 | 99,131 | 151,773 | 11 |
| Massachusetts | 5 | 16,355 | 9,228 | 9,607 | 4,377 | 776 | 7,254 | 9,923 | 11,829 | 6,921 | 4,938 | 8,990 | 7,946 | 7,853 | 4 |
| New Jersey | 20 | 153,279 | 157,861 | 123,904 | 74,049 | 65,774 | 140,970 | 154,066 | 90,966 | 122,226 | 158,789 | 92,499 | 87,975 | 74,305 | 14 |
| New York | 58 | 320,999 | 371,568 | 296,396 | 213,827 | 142,997 | 208,588 | 264,796 | 229,625 | 265,399 | 329,804 | 315,113 | 310,395 | 191,115 | 27 |
| Pennsylvania | 278 | 1,956,059 | 2,186,836 | 2,356,153 | 2,129,823 | 2,183,479 | 2,940,437 | 3,289,838 | 3,204,630 | 3,733,252 | 4,415,329 | 3,952,387 | 4,193,805 | 3,643,022 | 199 |
| Vermont | 1 | 2,496 | 1,080 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| West Virginia | 11 | 59,294 | 65,375 | 78,927 | 49,313 | 61,613 | 88,052 | 78,492 | 85,053 | 105,268 | 129,438 | 86,283 | 154,793 | 81,591 | 4 |
| Total | 407 | 2,581,374 | 2,866,025 | 2,930,638 | 2,508,457 | 2,486,103 | 3,434,365 | 3,848,870 | 3,662,125 | 4,279,487 | 5,207,276 | 4,600,471 | 4,871,152 | 4,162,137 | 266 |
| ***Western States.*** | | | | | | | | | | | | | | | |
| Colorado | 1 | 5,711 | 21,177 | 22,036 | 14,140 | 4,894 | 9,331 | 22,581 | 18,640 | 2,391 | 21,061 | 18,116 | 32,441 | 45,555 | 3 |
| Illinois | 14 | 224,805 | 321,792 | 212,194 | 292,471 | 292,837 | 448,031 | 504,869 | 517,238 | 596,638 | 701,106 | 869,202 | 949,450 | 405,261 | 19 |
| Indiana | 4 | 6,518 | 8,929 | 8,884 | 2,293 | 5,923 | 14,875 | 11,796 | 13,625 | 8,777 | 14,641 | 7,729 | 7,700 | 5,567 | 2 |
| Michigan | 27 | 167,003 | 187,674 | 154,629 | 154,317 | 127,787 | 170,298 | 190,663 | 190,403 | 191,295 | 230,769 | 213,145 | 184,421 | 117,538 | 20 |
| Minnesota | 1 | 6,645 | 7,255 | 7,143 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,226 | 14,071 | 10,373 | 1 |
| Missouri | 17 | 98,035 | 101,468 | 92,229 | 53,610 | 45,900 | 66,538 | 123,788 | 81,949 | 76,955 | 89,776 | 29,229 | 57,920 | 32,360 | 4 |
| Ohio | 102 | 634,416 | 624,017 | 606,824 | 506,351 | 494,610 | 810,798 | 871,017 | 985,552 | 1,085,332 | 1,240,330 | 1,035,013 | 1,221,913 | 875,265 | 65 |
| Wisconsin | 15 | 91,098 | 76,660 | 46,333 | 47,156 | 21,993 | 58,869 | 119,204 | 103,604 | 141,638 | 219,854 | 197,160 | 174,961 | 131,772 | 10 |
| Total | 181 | 1,234,231 | 1,348,972 | 1,150,272 | 1,070,338 | 993,944 | 1,578,740 | 1,843,918 | 1,911,011 | 2,043,126 | 2,517,587 | 2,170,820 | 2,641,977 | 1,623,691 | 124 |

No. 174.—PRODUCTION OF PIG IRON [IN TONS OF 2,240 POUNDS] IN EACH STATE AND TERRITORY OF THE UNITED STATES, ETC.—Continued.

| States and Territories. | No. of furnaces Dec. 31, 1881. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. | No. of furnaces Dec. 31, 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Southern States.* | | | | | | | | | | | | | | | |
| Alabama | 15 | 87,572 | 100,683 | 153,986 | 169,343 | 203,070 | 253,445 | 261,395 | 401,332 | 706,629 | 816,911 | 795,673 | 915,296 | 726,888 | 53 |
| Georgia | 10 | 33,396 | 37,893 | 40,503 | 38,085 | 29,396 | 41,509 | 36,560 | 35,176 | 24,606 | 29,185 | 49,858 | 9,950 | 39,675 | 5 |
| Kentucky | 24 | 41,047 | 59,394 | 48,776 | 40,225 | 33,529 | 48,968 | 37,417 | 50,705 | 37,963 | 47,861 | 44,844 | 56,548 | 47,501 | 9 |
| North Carolina | 7 | 714 | 1,027 | ..... | 388 | 1,598 | 1,964 | 3,250 | 2,143 | 2,588 | 2,840 | 3,317 | 2,908 | 2,843 | 2 |
| Tennessee | 26 | 78,041 | 122,860 | 119,610 | 120,176 | 143,928 | 177,827 | 223,521 | 239,224 | 263,085 | 267,626 | 291,738 | 300,081 | 207,915 | 22 |
| Texas | 1 | 2,679 | 1,179 | 2,126 | 4,589 | 1,645 | 2,902 | 3,913 | 5,881 | 4,057 | 9,701 | 18,662 | 8,613 | 6,257 | 4 |
| Virginia | 40 | 74,742 | 78,331 | 136,534 | 140,610 | 146,234 | 139,509 | 156,888 | 176,246 | 224,425 | 292,779 | 295,292 | 342,847 | 302,856 | 32 |
| Total | 123 | 318,191 | 401,367 | 501,525 | 513,416 | 559,400 | 666,124 | 722,944 | 910,707 | 1,263,353 | 1,466,903 | 1,499,284 | 1,636,243 | 1,333,935 | 126 |
| *Pacific States and Territories.* | | | | | | | | | | | | | | | |
| California | 1 | 3,941 | 881 | 4,756 | 1,926 | ..... | 1,562 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Oregon | 1 | 5,446 | 6,027 | 6,250 | 3,250 | 3,421 | ..... | ..... | 2,240 | 8,416 | 10,987 | 9,295 | 7,628 | 4,739 | 1 |
| Utah | 2 | ..... | 51 | ..... | 481 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Washington | 1 | 1,071 | ..... | 2,069 | ..... | 1,658 | 2,538 | 1,416 | 3,655 | 9,260 | ..... | ..... | ..... | ..... | 1 |
| Total | 5 | 10,458 | 6,959 | 13,075 | 5,657 | 5,079 | 4,100 | 1,416 | 5,895 | 17,676 | 10,987 | 9,295 | 7,628 | 4,739 | 2 |
| Grand total | 716 | 4,144,254 | 4,623,323 | 4,595,510 | 4,097,868 | 4,044,526 | 5,683,329 | 6,417,148 | 6,489,738 | 7,603,642 | 9,202,703 | 8,279,870 | 9,157,000 | 7,124,502 | 518 |

**No. 175.**—QUANTITY OF PIG IRON PRODUCED, IMPORTED, EXPORTED, AND RETAINED FOR CONSUMPTION IN THE UNITED STATES FROM 1874 TO 1892, INCLUSIVE.

[Expressed in tons of 2,240 pounds.]

| Calendar year. | Production. | Year ending June 30— | Export of domestic. | Domestic retained for consumption. | Imports. | Export of foreign. | Foreign retained for consumption. | Total consumption, domestic and foreign. | Per cent of consumption of foreign pig iron. |
|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | |
| 1874..... | 2,401,262 | 1875 | 15,786 | 2,385,476 | 53,437 | 407 | 53,030 | 2,438,506 | 2.17 |
| 1875..... | 2,023,733 | 1876 | 6,792 | 2,016,941 | 79,455 | 450 | 79,005 | 2,095,946 | 3.77 |
| 1876..... | 1,868,961 | 1877 | 3,180 | 1,865,781 | 67,922 | 380 | 67,542 | 1,933,323 | 3.49 |
| 1877..... | 2,066,594 | 1878 | 5,782 | 2,060,812 | 55,000 | 417 | 54,583 | 2,115,395 | 2.58 |
| 1878..... | 2,301,215 | 1879 | 3,048 | 2,298,167 | 87,676 | 172 | 86,404 | 2,384,571 | 3.62 |
| 1879..... | 2,741,853 | 1880 | 1,816 | 2,740,537 | 754,657 | 1,291 | 753,366 | 3,493,903 | 21.56 |
| 1880..... | 3,835,191 | 1881 | 3,707 | 3,831,484 | 417,849 | 3,104 | 414,745 | 4,246,229 | 9.77 |
| 1881..... | 4,144,254 | 1882 | 6,346 | 4,137,908 | 496,045 | 3,169 | 492,876 | 4,630,784 | 10.64 |
| 1882..... | 4,623,323 | 1883 | 4,148 | 4,619,175 | 433,602 | 1,343 | 432,259 | 5,051,434 | 8.56 |
| 1883..... | 4,595,510 | 1884 | 3,765 | 4,591,745 | 283,172 | 534 | 282,648 | 4,874,393 | 5.80 |
| 1884..... | 4,097,868 | 1885 | 4,635 | 4,093,233 | 151,959 | 669 | 151,350 | 4,244,583 | 3.57 |
| 1885..... | 4,044,526 | 1886 | 7,659 | 4,036,867 | 261,674 | 555 | 261,119 | 4,297,986 | 6.08 |
| 1886..... | 5,683,329 | 1887 | 7,801 | 5,675,528 | 418,919 | 231 | 418,688 | 6,094,216 | 6.87 |
| 1887..... | 6,417,148 | 1888 | 9,376 | 6,407,772 | 325,517 | 570 | 324,947 | 6,732,719 | 4.83 |
| 1888..... | 6,489,738 | 1889 | 12,965 | 6,476,773 | 176,727 | 470 | 176,257 | 6,653,030 | 2.65 |
| 1889..... | 7,603,642 | 1890 | 18,458 | 7,585,184 | 146,772 | ..... | 146,772 | 7,731,956 | 1.90 |
| 1890..... | 9,202,703 | 1891 | 13,435 | 9,189,268 | 81,916 | 260 | 81,656 | 9,270,924 | .88 |
| 1891..... | 8,279,870 | 1892 | 15,940 | 8,263,930 | 82,891 | 159 | 82,732 | 8,346,662 | .99 |
| 1892..... | 9,157,000 | 1893 | 20,068 | 7,104,434 | 62,936 | 100 | 62,836 | 7,167,270 | .88 |

**No. 176.**—QUANTITY OF IRON AND STEEL RAILROAD BARS PRODUCED, IMPORTED, EXPORTED, AND RETAINED FOR CONSUMPTION IN THE UNITED STATES, FROM 1873 TO 1892, INCLUSIVE.

[Expressed in tons of 2,240 pounds.]

| Calendar year. | Production. | | | Year ending June 30— | Export of domestic. | Domestic retained for consumption. | Imports. | Export of foreign. | Foreign retained for consumption. | Total consumption, domestic and foreign. | Per cent of consumption of foreign bars. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Iron. | Steel. | Total. | | | | | | | | |
| | *Tons.* | *Tons.* | *Tons.* | | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | |
| 1873.... | 679,520 | 115,192 | 794,712 | 1874 | 341 | 794,371 | 148,920 | 6,972 | 141,948 | 936,319 | 15.16 |
| 1874.... | 521,847 | 129,414 | 651,261 | 1875 | 1,749 | 649,512 | 42,082 | 12,450 | 29,632 | 679,144 | 4.36 |
| 1875.... | 447,901 | 259,699 | 707,600 | 1876 | 1,002 | 706,598 | 4,708 | 12,552 | —a7,844 | 698,754 | ..... |
| 1876.... | 417,114 | 368,269 | 785,383 | 1877 | 5,289 | 780,094 | 80 | 814 | — a 784 | 779,310 | ..... |
| 1877.... | 296,911 | 385,865 | 682,776 | 1878 | 8,238 | 674,538 | 11 | 188 | — a 177 | 674,361 | ..... |
| 1878.... | 288,295 | 499,817 | 788,112 | 1879 | 6,293 | 781,818 | 2,611 | 333 | 1,778 | 783,596 | .23 |
| 1879.... | 375,143 | 618,851 | 993,994 | 1880 | 1,008 | 992,986 | 152,791 | 1,355 | 151,436 | 1,144,422 | 13.23 |
| 1880.... | 440,859 | 864,353 | 1,305,212 | 1881 | 1,031 | 1,304,181 | 302,304 | 3,243 | 299,061 | 1,603,242 | 18.65 |
| 1881.... | 436,233 | 1,210,285 | 1,646,518 | 1882 | 3,351 | 1,643,167 | 295,666 | 20,840 | 274,826 | 1,917,993 | 14.33 |
| 1882.... | 203,459 | 1,304,393 | 1,507,852 | 1883 | 1,291 | 1,506,560 | 118,063 | 32,799 | 85,264 | 1,591,824 | 5.36 |
| 1883.... | 57,995 | 1,156,910 | 1,214,905 | 1884 | 3,354 | 1,211,551 | 7,971 | 29,111 | —a21,140 | 1,190,411 | ..... |
| 1884.... | 22,822 | 999,366 | 1,022,188 | 1885 | 7,956 | 1,014,232 | 4,203 | 3,157 | 1,046 | 1,015,278 | .10 |
| 1885.... | 13,228 | 963,750 | 976,978 | 1886 | 3,969 | 973,009 | 10,507 | 2 | 10,505 | 983,514 | 1.07 |
| 1886.... | 21,142 | 1,579,395 | 1,600,537 | 1887 | 2,765 | 1,597,772 | 77,043 | 936 | 76,107 | 1,673,879 | 4.55 |
| 1887.... | 20,591 | 2,119,049 | 2,139,640 | 1888 | 5,193 | 2,134,447 | 137,024 | 564 | 136,520 | 2,270,967 | 6.01 |
| 1888.... | 12,725 | 1,390,975 | 1,403,700 | 1889 | 7,405 | 1,396,295 | 24,277 | ..... | 24,277 | 1,420,572 | 1.71 |
| 1889.... | 9,159 | 1,513,045 | 1,522,204 | 1890 | 10,236 | 1,511,968 | 250 | ..... | 250 | 1,512,218 | .02 |
| 1890.... | 13,882 | 1,871,425 | 1,885,307 | 1891 | 15,881 | 1,869,426 | 134 | 19 | 115 | 1,869,541 | .01 |
| 1891.... | 8,240 | 1,298,936 | 1,307,176 | 1892 | 8,260 | 1,298,916 | 299 | 100 | 199 | 1,299,115 | .02 |
| 1892.... | 10,437 | 1,541,407 | 1,551,844 | 1893 | 15,698 | 1,536,146 | 932 | ..... | 932 | 1,537,078 | .06 |

a Excess of foreign exports over imports.

**No. 177.—Quantities of WHEAT Produced, and of WHEAT and WHEAT FLOUR Imported, Exported, and Retained for Consumption in the United States from 1874 to 1893, inclusive.**

| Year ending June 30— | Production.a | Exports of domestic. | Domestic retained for consumption. | Imports. | Exports of foreign. | Foreign retained for consumption. | Total consumption, domestic and foreign. | Per cent of domestic product exported. |
|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | |
| 1874.... | 281, 254, 700 | 91, 510, 898 | 189, 744, 302 | 2, 116, 777 | 1, 024, 381 | 1, 092, 396 | 190, 836, 698 | 32. 54 |
| 1875.... | 309, 102, 700 | 72, 912, 817 | 236, 189, 883 | 367, 987 | 299, 797 | 68, 190 | 236, 258, 073 | 23. 60 |
| 1876.... | 295, 136, 000 | 74, 750, 682 | 220, 385, 318 | 1, 664, 138 | 1, 420, 961 | 243, 177 | 220, 628, 495 | 25. 34 |
| 1877.... | 289, 356, 500 | 57, 043, 936 | 232, 312, 564 | 366, 061 | 469, 653 | ..... | 232, 312, 564 | 19. 73 |
| 1878.... | 364, 196, 146 | 92, 071, 726 | 272, 124, 420 | 1, 390, 713 | 1, 347, 305 | 43, 408 | 272, 167, 828 | 25. 29 |
| 1879.... | 420, 122, 400 | 147, 684, 214 | 272, 438, 186 | 2, 068, 018 | 1, 824, 339 | 243, 679 | 272, 681, 865 | 35. 16 |
| 1880.... | 448, 756, 630 | 180, 304, 180 | 268, 452, 450 | 486, 106 | 630, 298 | ..... | 268, 452, 450 | 40. 18 |
| 1881.... | 498, 549, 868 | 186, 321, 514 | 312, 228, 354 | 211, 402 | 153, 737 | 57, 665 | 312, 286, 019 | 37. 38 |
| 1882.... | 383, 280, 090 | 121, 893, 389 | 261, 386, 701 | 865, 467 | 704, 608 | 160, 859 | 261, 547, 560 | 31. 82 |
| 1883.... | 504, 185, 470 | 147, 811, 316 | 356, 374, 554 | 1, 087, 011 | 974, 280 | 112, 631 | 356, 486, 785 | 29. 33 |
| 1884.... | 421, 086, 160 | 111, 534, 182 | 309, 551, 978 | 32, 474 | 102, 120 | ..... | 309, 551, 978 | 26. 49 |
| 1885.... | 512, 765, 000 | 132, 570, 366 | 380, 194, 634 | 212, 311 | 281, 469 | ..... | 380, 194, 634 | 25. 86 |
| 1886.... | 357, 112, 000 | 94, 565, 888 | 262, 546, 112 | 388, 415 | 347, 507 | 40, 908 | 262, 587, 020 | 26. 48 |
| 1887.... | 457, 218, 000 | 153, 804, 969 | 303, 413, 031 | 282, 400 | 358, 446 | ..... | 303, 413, 031 | 33. 66 |
| 1888.... | 456, 329, 000 | 119, 624, 344 | 336, 704, 656 | 593, 860 | 503, 320 | 90, 540 | 336, 795, 196 | 26. 23 |
| 1889.... | 415, 868, 000 | 88, 600, 742 | 327, 267, 258 | 185, 851 | 221, 720 | ..... | 327, 267, 258 | 21. 31 |
| 1890.... | 490, 560, 000 | 109, 430, 467 | 381, 129, 533 | 162, 546 | 180. 709 | ..... | 381, 129, 533 | 22. 31 |
| 1891.... | 399, 262, 000 | 106, 181, 316 | 293, 080, 684 | 583, 827 | 620, 619 | ..... | 293, 080, 684 | 26. 60 |
| 1892.... | 611, 780, 000 | 225, 665, 812 | 386, 114. 188 | 2, 462, 365 | 1, 838, 829 | 623, 536 | 386, 737, 724 | 36. 88 |
| 1893.... | 515, 949, 000 | 119, 912, 635 | 324, 036, 365 | 968, 125 | 572, 750 | 395, 375 | 324, 431, 740 | 37. 20 |

a The amounts of "Production" are for calendar year preceding the fiscal year.

**No. 178.—Quantities of CORN produced, and of CORN and CORN MEAL Imported, Exported, and Retained for Consumption in the United States from 1874 to 1893, inclusive.**

| Year ending June 30— | Production.a | Exports of domestic. | Domestic retained for consumption. | Imports. | Exports of foreign. | Foreign retained for consumption. | Total consumption, domestic and foreign. | Per cent of domestic product exported. |
|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | |
| 1874.... | 932, 274, 000 | 35, 985, 834 | 896, 288, 166 | 76, 003 | ..... | 76, 003 | 896, 364, 169 | 3. 86 |
| 1875.... | 850, 148, 500 | 30, 025, 036 | 820, 123, 464 | 38, 098 | ..... | 38, 098 | 820, 161, 562 | 3. 53 |
| 1876.... | 1, 321, 069, 000 | 50, 910, 532 | 1, 270, 158, 468 | 51, 796 | ..... | 51, 796 | 1, 270, 210, 264 | 3. 86 |
| 1877.... | 1, 283, 827, 500 | 72, 652, 611 | 1, 211, 174, 889 | 30, 902 | ..... | 30, 902 | 1, 211, 205, 791 | 5. 66 |
| 1878.... | 1, 342, 558, 000 | 87, 192, 110 | 1, 255, 365, 890 | 13, 423 | ..... | 13, 423 | 1, 255, 379, 313 | 6. 49 |
| 1879.... | 1, 388, 218, 750 | 87, 684, 892 | 1, 300, 333, 858 | 33, 869 | ..... | 33, 869 | 1, 300, 367, 727 | 6. 33 |
| 1880.... | 1, 547, 901, 790 | 99, 572, 329 | 1, 448, 329, 461 | 58, 876 | ..... | 58, 876 | 1, 448, 388, 337 | 6. 43 |
| 1881.... | 1, 717, 434, 543 | 93, 648, 147 | 1, 623, 786, 396 | 75, 155 | ..... | 75, 155 | 1, 623, 861, 551 | 5. 46 |
| 1882.... | 1, 194, 916, 006 | 44, 340, 683 | 1, 150, 575, 317 | 69, 621 | ..... | 69, 621 | 1, 150, 644, 988 | 3. 61 |
| 1883.... | 1, 617, 025, 100 | 41, 655, 653 | 1, 575, 369, 447 | 25, 989 | ..... | 25, 989 | 1, 575, 395, 436 | 2. 58 |
| 1884.... | 1, 551, 066, 895 | 46, 258, 606 | 1, 504, 808, 289 | 4, 894 | ..... | 4, 894 | 1, 504, 813, 183 | 2. 99 |
| 1885 .... | 1, 795, 528, 000 | 52, 876, 456 | 1, 742, 651, 544 | 4, 507 | ..... | 4, 507 | 1, 742, 656, 051 | 2. 95 |
| 1886.... | 1, 936, 176, 000 | 64, 829, 617 | 1, 871, 346, 383 | 16, 104 | ..... | 16, 104 | 1, 871, 362, 487 | 3. 35 |
| 1887.... | 1, 665, 441, 000 | 41, 368, 584 | 1, 624, 072, 416 | 30, 536 | ..... | 30, 536 | 1, 624, 102, 952 | 2. 48 |
| 1888.... | 1, 456, 161, 000 | 25, 360, 869 | 1, 430, 800, 131 | 37, 493 | ..... | 37, 493 | 1, 430, 837, 624 | 1. 74 |
| 1889.... | 1, 987, 790, 000 | 70, 841, 673 | 1, 916, 948, 327 | 2, 401 | ..... | 2, 401 | 1, 916, 950, 728 | 3. 57 |
| 1890.... | 2, 112, 892, 000 | 103, 418, 709 | 2, 009, 473, 291 | 1, 626 | ..... | 1, 626 | 2, 009, 474, 917 | 4. 85 |
| 1891.... | 1, 489, 970, 000 | 32, 041, 529 | 1, 457, 928, 471 | 2, 111 | ..... | 2, 111 | 1, 457, 930, 582 | 2. 15 |
| 1892.... | 2, 060, 154, 000 | 76, 602, 285 | 1, 983, 551, 715 | 15, 290 | 9, 731 | 5, 559 | 1, 983, 557, 274 | 3. 72 |
| 1893.... | 1, 628, 464, 000 | 47, 121, 894 | 1, 581, 342, 106 | 1, 881 | ..... | 1, 881 | 1, 581, 343, 987 | 2. 89 |

a The amounts of "Production" are for calendar year preceding the fiscal year.

**No. 179.—Quantity of CRUDE PETROLEUM Produced in, and the Quantities and Values of PETROLEUM PRODUCTS Exported from, the United States during each of the Calendar Years from 1871 to 1893, inclusive.**

| Year ending Dec. 31— | Production.[a] | | Exports. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mineral, crude (including all natural oils without regard to gravity). | | Mineral, refined, or manufactured. | | | | | | Residuum (tar, pitch, and all other from which the light bodies have been distilled). | | Total. | |
| | | | | | Naphthas, benzine, gasoline, etc. | | Illuminating. | | Lubricating (heavy paraffin, etc.). | | | | | |
| | Barrels (of 42 gallons). | Gallons. | Gallons. | Dollars. | Gallons. | Dollars. | Gallons. | Dollars. | Gallons. | Dollars. | Gallons. | Dollars. | Gallons. | Dollars. |
| 1871 | 5, 205, 234 | 218, 619, 828 | 11, 278, 589 | 2, 171, 706 | 8, 396, 905 | 895, 910 | 132, 178, 843 | 33, 493, 351 | 240, 228 | 92, 408 | 101, 052 | 10, 450 | 152, 195, 617 | 36, 663, 525 |
| 1872 | 6, 293, 194 | 264, 314, 148 | 16, 363, 975 | 2, 761, 094 | 8, 688, 257 | 1, 307, 058 | 118, 259, 832 | 29, 456, 453 | 438, 425 | 180, 462 | 568, 218 | 56, 618 | 144, 318, 707 | 33, 761, 685 |
| 1873 | 9, 893, 786 | 415, 539, 012 | 19, 643, 740 | 2, 665, 171 | 10, 250, 497 | 1, 266, 962 | 207, 595, 988 | 41, 357, 686 | 1, 502, 503 | 517, 466 | 1, 377, 180 | 117, 595 | 240, 369, 908 | 45, 924, 880 |
| 1874 | 10, 926, 945 | 458, 931, 690 | 14, 430, 851 | 1, 428, 494 | 10, 616, 644 | 997, 355 | 206, 562, 977 | 30, 168, 747 | 993, 068 | 269, 886 | 2, 504, 628 | 177, 794 | 235, 108, 168 | 33, 042, 276 |
| 1875 | [b]12, 162, 514 | [b]510, 825, 588 | 16, 536, 800 | 1, 738, 589 | 14, 048, 726 | 1, 392, 192 | 203, 678, 748 | 28, 168, 572 | 938, 052 | 265, 837 | 2, 323, 986 | 169, 671 | 237, 526, 312 | 31, 734, 861 |
| 1876 | 9, 132, 669 | 383, 572, 098 | 25, 343, 271 | 3, 343, 763 | 13, 252, 751 | 1, 502, 498 | 220, 831, 608 | 44, 089, 066 | 1, 157, 929 | 370, 431 | 2, 863, 896 | 239, 461 | 263, 449, 455 | 49, 545, 219 |
| 1877 | 13, 350, 263 | 560, 715, 246 | 28, 773, 233 | 3, 267, 309 | 19, 565, 909 | 1, 938, 672 | 307, 373, 842 | 51, 366, 205 | 1, 914, 129 | 577, 610 | 4, 256, 112 | 390, 077 | 361, 883, 225 | 57, 539, 873 |
| 1878 | 15, 396, 868 | 646, 668, 456 | 24, 049, 604 | 2, 169, 790 | 13, 431, 782 | 1, 077, 402 | 306, 212, 506 | 36, 855, 798 | 2, 525, 545 | 698, 182 | 3, 126, 816 | 220, 835 | 349, 346, 253 | 41, 022, 007 |
| 1879 | 19, 914, 146 | 836, 394, 132 | 28, 601, 650 | 2, 069, 458 | 19, 524, 582 | 1, 367, 996 | 365, 597, 467 | 32, 811, 755 | 3, 168, 561 | 713, 208 | 4, 827, 522 | 273, 050 | 421, 719, 782 | 37, 235, 467 |
| 1880 | 26, 286, 128 | 1, 104, 017, 166 | 36, 748, 116 | 2, 772, 400 | 15, 115, 131 | 1, 344, 529 | 286, 131, 557 | 29, 047, 908 | 5, 607, 609 | 1, 141, 825 | 3, 177, 630 | 198, 983 | 346, 779, 443 | 34, 505, 645 |
| 1881 | 27, 661, 238 | 1, 161, 771, 996 | 40, 430, 108 | 3, 089, 297 | 20, 655, 116 | 1, 981, 197 | 444, 666, 615 | 42, 122, 683 | 5, 053, 863 | 1, 165, 605 | 3, 756, 018 | 197, 321 | 514, 561, 719 | 48, 556, 103 |
| 1882 | [c]30, 510, 830 | [c]1, 281, 454, 860 | 45, 011, 154 | 3, 373, 302 | 16, 969, 839 | 1, 304, 041 | 428, 424, 581 | 37, 635, 981 | 8, 321, 536 | 2, 034, 487 | 4, 265, 352 | 275, 263 | 503, 492, 462 | 44, 623, 074 |
| 1883 | 23, 449, 633 | 984, 884, 586 | 59, 018, 537 | 4, 439, 097 | 17, 365, 314 | 1, 195, 035 | 440, 150, 660 | 39, 470, 352 | 10, 108, 394 | 2, 193, 245 | 6, 502, 524 | 465, 350 | 533, 145, 429 | 47, 763, 079 |
| 1884 | 24, 218, 438 | 1, 017, 174, 396 | 79, 679, 395 | 6, 102, 810 | 13, 676, 421 | 1, 132, 528 | 433, 851, 275 | 39, 450, 794 | 11, 985, 219 | 2, 443, 385 | 5, 303, 298 | 327, 599 | 544, 495, 608 | 49, 457, 116 |
| 1885 | 21, 847, 205 | 917, 582, 610 | 81, 435, 609 | 6, 040, 685 | 14, 739, 469 | 1, 160, 999 | 445, 880, 518 | 39, 476, 082 | 12, 978, 955 | 2, 659, 210 | 5, 713, 908 | 334, 767 | 560, 748, 459 | 49, 671, 743 |
| 1886 | 28, 064, 841 | 1, 178, 723, 322 | 76, 346, 480 | 5, 068, 409 | 14, 474, 951 | 1, 264, 736 | 485, 120, 680 | 39, 012, 922 | 13, 948, 367 | 2, 689, 464 | 1, 993, 824 | 109, 673 | 591, 884, 302 | 48, 145, 204 |
| 1887 | 28, 278, 866 | 1, 187, 712, 372 | 80, 650, 286 | 5, 141, 833 | 12, 382, 213 | 1, 049, 043 | 485, 242, 107 | 37, 007, 336 | 20, 582, 613 | 3, 559, 280 | 2, 989, 098 | 141, 350 | 601, 846, 317 | 46, 898, 842 |
| 1888 | 27, 612, 025 | 1, 159, 705, 050 | 77, 549, 452 | 5, 454, 705 | 13, 481, 706 | 1, 083, 429 | 455, 045, 784 | 37, 236, 111 | 24, 510, 437 | 4, 215, 449 | 1, 870, 596 | 116, 009 | 572, 457, 975 | 48, 105, 703 |
| 1889 | 35, 163, 513 | 1, 476, 867, 546 | 85, 189, 658 | 6, 134, 062 | 13, 984, 407 | 1, 208, 116 | 551, 769, 666 | 41, 215, 192 | 27, 903, 267 | 4, 638, 724 | 1, 858, 458 | 97, 265 | 680, 705, 456 | 53, 293, 299 |
| 1890 | 45, 822, 672 | 1, 924, 552, 224 | 96, 572, 625 | 6, 535, 499 | 12, 462, 636 | 1, 050, 613 | 550, 873, 438 | 39, 826, 086 | 32, 090, 537 | 4, 766, 850 | 1, 830, 612 | 91, 905 | 693, 829, 848 | 52, 270, 953 |
| 1891 | 53, 986, 313 | 2, 267, 425, 146 | 96, 722, 807 | 5, 365, 579 | 11, 424, 993 | 868, 137 | 531, 445, 099 | 34, 879, 759 | 33, 310, 264 | 4, 999, 978 | 1, 002, 414 | 61, 383 | 673, 905, 577 | 46, 174, 835 |
| 1892 | 50, 292, 183 | 2, 112, 271, 686 | 104, 397, 107 | 4, 696, 191 | 16, 393, 284 | 1, 037, 558 | 589, 418, 185 | 31, 526, 545 | 34, 026, 855 | 5, 130, 643 | 403, 032 | 38, 220 | 744, 638, 463 | 42, 729, 157 |
| 1893 | ..... | ..... | 111, 703, 508 | 4, 567, 391 | 17, 304, 005 | 1, 074, 710 | 642, 239, 816 | 31, 719, 404 | 32, 432, 857 | 4, 738, 892 | 541, 044 | 41, 661 | 804, 221, 230 | 42, 142, 058 |

[a] The data of production were furnished by the U. S. Geological Survey, except for 1892, which is estimated in part.
[b] Including all productions prior to 1876 in Ohio, West Virginia, and California.
[c] Includes all the petroleum produced in Kentucky and Tennessee prior to 1883.

**No. 180.—Quantities of distilled spirits, wines, and malt liquors consumed, and the average annual consumption per capita of population, in the United States during each of the years from 1875 to 1893, inclusive.**

| Year ending June 30— | Distilled spirits consumed. | | | | Wines consumed. | | | Malt liquors consumed. | | | Total consumption of wines and liquors. | Total consumption per capita of population. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Domestic spirits.a | | Imported spirits entered for consumption. | Total. | Domestic wines. b | Imported wines entered for consumption. | Total. | Domestic malt liquors. b | Imported malt liquors entered for consumption. | Total. | | Of distilled spirits. | Of wines. | Of malt liquors. | Of all liquors and wines. |
| | From fruit. | All other. | | | | | | | | | | | | | |
| | *Proof gals.* | *Proof gals.* | *Proof gals.* | *Proof gals.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *P. gals.* | *Gals.* | *Gals.* | *Gals.* |
| 1875... | 1, 757, 202 | 62, 668, 709 | 1, 694, 647 | 66, 120, 558 | 12, 954, 961 | 7, 036, 369 | 19, 991, 330 | 292, 901, 047 | 1, 992, 110 | 294. 953, 157 | 381, 065, 045 | 1. 50 | .45 | 6. 71 | 8. 67 |
| 1876... | 672, 221 | 57, 840, 472 | 1, 471, 197 | 59, 983, 890 | 14, 968, 085 | 5, 193, 723 | 20, 161, 808 | 306, 852, 467 | 1, 483, 920 | 308, 336, 387 | 388, 982, 085 | 1. 28 | .45 | 6. 83 | 8. 61 |
| 1877... | 1, 527, 141 | 56, 516, 248 | 1, 376, 729 | 59, 420, 118 | 16, 942, 592 | 4, 933, 738 | 21, 876, 330 | 303, 851, 988 | 1, 072, 679 | 304, 927, 667 | 386, 223, 115 | 1. 22 | .47 | 6. 58 | 8. 33 |
| 1878... | 1, 103, 351 | 49, 600, 838 | 1, 227, 752 | 51, 931, 941 | 17, 953, 386 | 4, 310, 563 | 22, 263, 919 | 317, 136, 597 | 832, 755 | 317, 969, 352 | 392, 165, 242 | 1. 09 | .47 | 6. 68 | 8. 24 |
| 1879... | 1, 021, 708 | 52, 003, 467 | 1, 253, 300 | 54, 278, 475 | 19, 845, 113 | 4, 532, 017 | 24, 377, 130 | 343, 724, 971 | 880, 514 | 344, 605, 485 | 423, 261, 090 | 1. 11 | .50 | 7. 05 | 8. 66 |
| 1880... | 1, 005, 781 | 61, 126, 634 | 1, 394, 279 | 63, 526, 694 | 23, 298. 940 | 5, 030, 601 | 28, 320, 541 | 413, 208, 885 | 1, 011, 280 | 414, 220, 165 | 506, 076, 400 | 1. 27 | .56 | 8. 26 | 10. 09 |
| 1881 .. | 1, 701, 206 | 67, 426, 000 | 1, 479, 875 | 70, 607, 081 | 18, 931, 819 | 5, 231, 106 | 24, 162, 925 | 442, 947, 664 | 1, 164, 505 | 444, 112, 169 | 538, 882, 175 | 1. 38 | .47 | 8. 65 | 10. 50 |
| 1882... | 1, 216, 850 | 70, 759, 548 | 1, 580, 578 | 73, 556, 976 | 19, 934, 856 | 5, 628, 071 | 25, 502, 927 | 524, 843, 379 | 1, 536, 601 | 526, 379, 980 | 625, 499, 883 | 1. 40 | .49 | 10. 03 | 11. 92 |
| 1883... | 1, 253, 278 | 75, 508, 785 | 1, 690, 624 | 78, 452, 687 | 17, 406, 028 | 8, 372, 152 | 25, 778, 180 | 549, 616, 338 | 1, 881, 002 | 551, 497, 340 | 655, 728, 207 | 1. 46 | .48 | 10. 27 | 12. 21 |
| 1884 .. | 1, 137, 056 | 78, 459, 845 | 1, 511, 680 | 81, 128, 581 | 17, 402, 938 | 3, 105, 407 | 20, 508, 345 | 588, 005, 609 | 2, 010, 908 | 590, 016, 517 | 691, 653, 443 | 1. 48 | .37 | 10. 74 | 12. 60 |
| 1885... | 1, 468, 775 | 67, 689, 250 | 1, 442, 067 | 70, 600, 092 | 17, 404, 698 | 4, 495, 759 | 21, 900, 457 | 594, 063, 095 | 2, 068, 771 | 596, 131, 866 | 688, 632, 415 | 1. 26 | .39 | 10. 62 | 12. 26 |
| 1886... | 1, 555, 994 | 69, 295, 361 | 1, 410, 259 | 72, 261, 614 | 20, 866, 393 | 4, 700, 827 | 25, 567, 220 | 640, 746, 288 | 2, 221, 432 | 642, 967, 720 | 740, 796, 554 | 1. 26 | .45 | 11. 20 | 12. 90 |
| 1887... | 1, 211, 532 | 68, 385, 504 | 1, 467, 697 | 71, 064, 733 | 27, 706, 771 | 4, 618, 290 | 32, 325, 061 | 715, 446, 038 | 2, 302, 816 | 717, 748, 854 | 821, 138, 648 | 1. 21 | .55 | 11. 23 | 13. 99 |
| 1888... | 888, 107 | 73, 313, 279 | 1, 643, 966 | 75, 845, 352 | 31, 680, 523 | 4, 654, 545 | 36, 335, 068 | 765, 086, 789 | 2, 500, 267 | 767, 587, 056 | 879, 767, 476 | 1. 26 | .61 | 12. 80 | 14. 67 |
| 1889... | 1, 294, 858 | 77, 802, 483 | 1, 515, 817 | 80, 613, 158 | 29, 610, 104 | 4, 534, 373 | 34, 144, 477 | 777, 420, 207 | 2, 477, 219 | 779, 897, 426 | 894, 655, 061 | 1. 32 | .56 | 12. 72 | 14. 60 |
| 1890... | 1, 508, 130 | 84, 760. 240 | 1, 561, 192 | 87, 829, 562 | 23, 896, 108 | 5, 060, 873 | 28, 956, 981 | 853, 075, 734 | 2, 716, 601 | 855, 792, 335 | 972, 578, 878 | 1. 40 | .46 | 13. 67 | 15. 53 |
| 1891... | 1, 219, 436 | 88, 335, 483 | 1, 602, 646 | 91, 157, 565 | 23, 736, 232 | 5, 297, 560 | 29, 033, 792 | 974, 427, 863 | 3, 051, 898 | 977, 479, 761 | 1,097,671,118 | 1. 42 | .45 | 15. 28 | 17. 16 |
| 1892... | 1, 961, 062 | 95, 187, 385 | 1, 179, 671 | 98, 328, 118 | 23, 033, 493 | 5, 434, 367 | 28, 467, 860 | 984, 515, 414 | 2, 980, 809 | 987, 496, 223 | 1,114,292,201 | 1. 50 | .44 | 15. 10 | 17. 04 |
| 1893... | 1, 687, 541 | 98, 202, 790 | 1, 307, 422 | 101, 197, 753 | 26, 391, 235 | 5, 596, 584 | 31, 987. 819 | 1, 071, 183. 827 | 3, 362, 509 | 1, 074, 546, 336 | 1,207,731,908 | 1. 51 | ..... | 16. 08 | 18. 04 |

a Since 1886 includes domestic spirits exported and returned. b Product less exports.

Notes.—(1) The production of domestic wines from 1875 to 1892 was estimated by the Department of Agriculture, by Mr. Charles McK. Leoser, president of the Wine and Spirit Traders' Society of New York, and other well-informed persons, and the production for 1889 (opposite the year 1890) is that officially reported by the United States Census. (2) The consumption of domestic spirituous and malt liquors from 1875 to 1892 was obtained from the reports of the Commissioner of Internal Revenue. (3) The consumption of imported liquors and wines from 1875 to 1892 was taken from the official returns made to the Bureau of Statistics by collectors of customs. (4) In computing the quantity of sparkling and still wines and vermuth in bottles, five so-called quart bottles are reckoned as equivalent to the gallon.

## No. 181.—Quantities of fermented liquors and distilled spirits produced, and the quantity of distilled spirits withdrawn for consumption in the United States during each year ending June 30, from 1867 to 1893, inclusive.

[From Reports of Commissioner of Internal Revenue.]

| Year ending June 30— | Production of fermented liquors. | Production of distilled spirits, exclusive of brandy distilled from fruit. b | | | | | | | | | Production of fruit brandy, including apple, peach, and grape. | Total production of distilled spirits. | Distilled spirits, other than fruit brandy withdrawn for consumption. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Bourbon whisky. | Rye whisky. | Alcohol. | Rum. | Gin. | High wines. | Pure neutral, or cologne spirits. | Miscellaneous. | Total. | | | |
| | *Barrels.* a | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* | *Tax gals.* | *Tax. gals.* | *Tax. gals.* | *Tax. gals.* |
| 1867 | 6, 207, 402 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32, 299, 629 | 440, 607 | 32, 740, 236 | 14, 148, 132 |
| 1868 | 6, 146, 663 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16, 395, 651 | 515, 262 | 16, 910, 913 | 6, 709, 546 |
| 1869 | 6, 342, 055 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 53, 367, 884 | 908, 858 | 54, 276, 742 | 61, 183, 559 |
| 1870 | 6, 574, 617 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 71, 337, 099 | 1, 223, 830 | 72, 560, 929 | 77, 266, 368 |
| 1871 | 7, 740, 260 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 54, 576, 446 | 2, 472, 011 | 57, 048, 457 | 59, 842, 617 |
| 1872 | 8, 659, 427 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 68, 275, 745 | 1, 089, 698 | 69, 365, 443 | 65, 145, 880 |
| 1873 | 9, 633, 323 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 68, 236, 567 | 2, 965, 987 | 71, 202, 554 | 62, 945, 154 |
| 1874 | 9, 600, 897 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 68, 805, 374 | 766, 687 | 69, 572, 061 | 61, 814, 875 |
| 1875 | 9, 452, 697 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 60, 930, 425 | 1, 757, 202 | 62, 687, 627 | 62, 668, 709 |
| 1876 | 9, 902, 352 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 57, 959, 647 | 672, 221 | 58, 631, 868 | 57, 840, 472 |
| 1877 | 9, 810, 060 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 56, 912, 268 | 1, 527, 141 | 61, 439, 409 | 56, 516, 248 |
| 1878 | 10, 241, 471 | 6, 405, 520 | 2, 834, 119 | 10, 277, 725 | 1, 603, 376 | 864, 963 | 19, 412, 985 | 11, 108, 023 | 4, 096, 342 | 56, 103, 053 | 1, 239, 403 | 57, 342, 456 | 49, 600, 838 |
| 1879 | 11, 103, 084 | 8, 587, 081 | 4, 001, 048 | 19, 594, 283 | 2, 243, 455 | 372, 776 | 18, 033, 652 | 13, 459, 486 | 5, 600, 840 | 71, 892, 621 | 995, 752 | 72, 888, 373 | 52, 003, 467 |
| 1880 | 13, 347, 111 | 15, 414, 148 | 6, 341, 991 | 21, 631, 009 | 2, 439, 301 | 894, 668 | 15, 210, 389 | 20, 657, 975 | 8, 265, 789 | 90, 355, 270 | 1, 023, 147 | 91, 378, 417 | 61, 126, 634 |
| 1881 | 14, 311, 028 | 33, 632, 615 | 9, 931, 609 | 22, 988, 969 | 2, 118, 506 | 549, 596 | 14, 363, 581 | 23, 556, 608 | 10, 586, 666 | 117, 728, 150 | 1, 799, 861 | 119, 528, 011 | 67, 426, 000 |
| 1882 | 16, 952, 085 | 29, 575, 667 | 9, 224, 777 | 15, 201, 671 | 1, 704, 084 | 569, 134 | 10, 962, 379 | 27, 871, 293 | 10, 744, 156 | 105, 853, 161 | 1, 430, 054 | 107, 283, 215 | 70, 759, 548 |
| 1883 | 17, 757, 892 | 8, 662, 245 | 4, 784, 654 | 10, 718, 706 | 1, 801, 960 | 545, 768 | 8, 701, 951 | 28, 295, 253 | 10, 502, 771 | 74, 013, 308 | 1, 281, 202 | 75, 294, 510 | 75, 508, 785 |
| 1884 | 18, 998, 619 | 8, 896, 832 | 5, 089, 958 | 12, 385, 229 | 1, 711, 158 | 641, 724 | 6, 745, 688 | 28, 538, 680 | 11, 426, 470 | 75, 435, 739 | 1, 095, 428 | 76, 531, 167 | 78, 479, 845 |
| 1885 | 19, 185, 953 | 12, 277, 750 | 5, 328, 043 | 13, 436, 916 | 2, 081, 165 | 639, 461 | 3, 235, 889 | 27, 104, 382 | 10, 811, 757 | 74, 915, 363 | 1, 489, 711 | 76, 405, 074 | 67, 689, 250 |
| 1886 | 20, 710, 933 | 19, 318, 819 | 7, 842, 540 | 11, 247, 877 | 1, 799, 952 | 656, 607 | 2, 396, 248 | 26, 538, 581 | 10, 543, 756 | 80, 344, 380 | 1, 504, 880 | 81, 849, 260 | 69, 295, 361 |
| 1887 | 23, 121, 526 | 17, 015, 034 | 7, 313, 640 | 10, 337, 035 | 1, 857, 223 | 747, 025 | 2, 410, 923 | 27, 066, 219 | 11, 064, 500 | 77, 831, 599 | 1, 601, 847 | 79, 433, 446 | 66, 168, 859 |
| 1888 | 24, 680, 219 | 7, 463, 609 | 5, 879, 600 | 11, 075, 639 | 1, 891, 246 | 872, 990 | 1, 016, 436 | 29, 475, 913 | 12, 603, 883 | 70, 279, 406 | 1, 408, 782 | 71, 688, 188 | 70, 677, 379 |
| 1889 | 25, 119, 853 | 21, 960, 784 | 8, 749, 768 | 10, 939, 135 | 1, 471, 054 | 1, 029, 968 | 1, 029, 495 | 30, 430, 354 | 13, 738, 952 | 89, 358, 510 | 1, 775, 040 | 91, 133, 550 | 75, 868, 671 |
| 1890 | 27, 561, 944 | 32, 474, 784 | 13, 355, 577 | 11, 354, 448 | 1, 657, 808 | 1, 202, 940 | 555, 572 | 34, 022, 619 | 14, 652, 180 | 109, 275, 928 | 1, 825, 816 | 111, 101, 738 | 83, 535, 206 |
| 1891 | 30, 497, 209 | 29, 931, 415 | 14, 345, 389 | 12, 260, 821 | 1, 784, 312 | 1, 293, 874 | 1, 007, 070 | 35, 356, 126 | 19, 983, 382 | 115, 962, 389 | 1, 804, 712 | 117, 767, 101 | 87, 254, 001 |
| 1892 | 31, 856, 626 | 29, 017, 797 | 13, 436, 827 | 14, 490, 987 | 1, 956, 318 | 1, 338, 617 | 633, 590 | 37, 690, 335 | 16, 204, 570 | 114, 769, 041 | 3, 667, 465 | 118, 436, 506 | 93, 084, 725 |
| 1893 | 34, 591, 179 | 40, 835, 873 | 16, 702, 240 | 12, 250, 360 | 2, 106, 765 | 1, 424, 490 | 449, 209 | 37, 577, 052 | 17, 305, 773 | 128, 651, 782 | 2, 358, 548 | 131, 010, 330 | 97, 458, 348 |

a Of not more than 31 gallons.

b No returns of the production of the different kinds of spirits other than fruit brandy were made prior to July 1, 1877.

**No. 182.—Quantities of grain and other materials used in the production of distilled spirits during the years ending June 30, from 1878 to 1893, inclusive.**

[From Reports of Commissioner of Internal Revenue.]

| Years. | Malt. | Wheat. | Barley. | Rye. | Corn. | Oats. |
|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1878 | 1,027,886 | 3,947 | 55,612 | 2,156,832 | 11,074,366 | 84,231 |
| 1879 | 1,334,897 | 6,473 | 53,997 | 2,838,933 | 13,985,745 | 141,112 |
| 1880 | 1,830,562 | 5,103 | 19,892 | 3,623,055 | 17,619,269 | 140,982 |
| 1881 | 2,455,184 | 180,886 | 124,095 | 4,630,800 | 23,109,114 | 177,855 |
| 1882 | 2,192,719 | 301,241 | 50,675 | 4,228,649 | 20,051,239 | 168,488 |
| 1883 | 1,478,971 | 291,368 | 73,380 | 2,987,473 | 13,428,469 | 122,583 |
| 1884 | 1,633,914 | 114,475 | 199,656 | 2,867,603 | 13,746,505 | 124,165 |
| 1885 | 1,638,578 | 130,721 | 17,855 | 2,733,397 | 13,040,357 | 80,553 |
| 1886 | 1,823,758 | 55,179 | 19,891 | 3,285,959 | 13,821,193 | 58,653 |
| 1887 | 1,825,627 | 45,361 | 16,110 | 3,062,947 | 12,870,255 | 44,886 |
| 1888 | 1,602,586 | 87,277 | 24,707 | 2,410,381 | 11,887,027 | 44,232 |
| 1889 | 2,242,214 | 48,279 | 21,589 | 3,259,917 | 15,319,862 | 23,632 |
| 1890 | 2,756,385 | 20,310 | 965 | 4,542,845 | 17,806,612 | 32,690 |
| 1891 | 2,951,547 | 96,166 | 662 | 4,579,868 | 18,671,536 | 14,637 |
| 1892 | 3,129,123 | 74,801 | 14,412 | 4,321,168 | 18,909,462 | 10,701 |
| 1893 | 3,272,899 | 97,070 | 5,958 | 5,521,202 | 19,770,559 | 13,516 |

| Years. | Mill feed. | Molasses. | Other materials. | Total. | |
|---|---|---|---|---|---|
| | *Bushels.* | *Gallons.* | *Bushels.* | *Bushels.* | *Gallons.* |
| 1878 | 277,607 | 1,995,645 | 71 | 14,680,552 | 1,995,645 |
| 1879 | 372,392 | 2,801,307 | 2,265 | 18,735,814 | 2,801,307 |
| 1880 | 526,362 | 3,110,190 | 211,134 | 24,006,359 | 3,110,190 |
| 1881 | 612,736 | 2,710,307 | 505 | 31,291,175 | 2,710,307 |
| 1882 | 452,330 | 2,121,804 | 13,754 | 27,459,095 | 2,121,804 |
| 1883 | 240,340 | 2,373,106 | 22,203 | 18,644,787 | 2,373,106 |
| 1884 | 241,073 | 2,259,536 | 591 | 18,927,982 | 2,259,536 |
| 1885 | 223,558 | 2,719,416 | 185 | 17,865,203 | 2,719,416 |
| 1886 | 130,700 | 2,308,130 | ..... | 19,195,332 | 2,308,130 |
| 1887 | 93,060 | 2,428,783 | 1,319 | 17,959,565 | 2,428,783 |
| 1888 | 66,254 | 2,519,494 | 45 | 16,122,509 | 2,519,494 |
| 1889 | 73,589 | 1,951,104 | 1,842 | 20,990,924 | 1,951,104 |
| 1890 | 41,840 | 2,198,538 | 1,254 | 25,202,901 | 2,198,538 |
| 1891 | 28,389 | 2,610,918 | 4,836 | 26,347,641 | 2,610,918 |
| 1892 | 17,665 | 3,049,771 | 12,495 | 26,489,827 | 3,049,771 |
| 1893 | 17,843 | 4,884,577 | 3,823 | 28,702,370 | 4,884,577 |

**No. 183.**—STATEMENT SHOWING, BY STATES AND TERRITORIES, THE NUMBER OF DISTILLERIES REGISTERED AND OPERATED, THE NUMBER OF RECTIFIERS, BREWERS, AND DEALERS IN SPIRITUOUS AND MALT LIQUORS WHO PAID SPECIAL TAXES AND THE TOTAL NUMBER OF SPECIAL-TAX PAYERS, DURING THE YEAR ENDED JUNE 30, 1893.

| States and Territories. | Distilleries.a | | Distilled spirits. | | | | Malt liquors. | | | Total special tax-payers. |
|---|---|---|---|---|---|---|---|---|---|---|
| | Registered. | Operated. | Rectifiers. | Retail liquor dealers. b | Wholesale liquor dealers. c | Manufacturers of stills. | Brewers. | Retail dealers in malt liquors. d | Wholesale dealers in malt liquors. e | |
| Alabama | 177 | 173 | 8 | 1,098 | 44 | ..... | 5 | 77 | 30 | 1,257 |
| Arkansas | 87 | 70 | ..... | 718 | 48 | ..... | ..... | 19 | 31 | 816 |
| California and Nevada | 295 | 288 | 161 | 13,572 | 409 | 2 | 156 | 186 | 167 | 14,653 |
| Colorado and Wyoming | 45 | 34 | 8 | 3,399 | 73 | ..... | 28 | 164 | 108 | 3,780 |
| Connecticut and Rhode Island | 26 | 26 | 32 | 4,903 | 101 | 1 | 27 | 157 | 183 | 5,404 |
| Florida | 437 | 426 | 1 | 439 | 19 | ..... | ..... | 14 | 18 | 491 |
| Georgia | 1 | 1 | 15 | 1,723 | 45 | 3 | ..... | 71 | 28 | 1,885 |
| Illinois | 39 | 37 | 141 | 18,690 | 355 | 4 | 134 | 1,194 | 364 | 20,882 |
| Indiana | 51 | 49 | 26 | 8,121 | 81 | 1 | 47 | 376 | 215 | 8,867 |
| Iowa | 2 | 2 | 8 | 5,985 | 58 | ..... | 27 | 291 | 238 | 6,607 |
| Kansas, Indian Territory, and Territory of Oklahoma | 2 | 2 | 1 | 2,786 | 28 | ..... | 2 | 660 | 90 | 3,567 |
| Kentucky | 844 | 780 | 81 | 4,867 | 257 | 8 | 23 | 181 | 87 | 5,504 |
| Louisiana and Mississippi | 5 | 5 | 29 | 5,281 | 150 | ..... | 10 | 108 | 60 | 5,638 |
| Maryland, Delaware, District of Columbia, and two counties in Virginia | 44 | 44 | 63 | 6,173 | 123 | 2 | 43 | 111 | 72 | 6,587 |
| Massachusetts | 14 | 14 | 70 | 5,055 | 211 | ..... | 34 | 191 | 239 | 5,800 |
| Michigan | 1 | 1 | 9 | 8,072 | 61 | ..... | 113 | 309 | 191 | 8,755 |
| Minnesota | 6 | 6 | 25 | 3,720 | 80 | ..... | 105 | 201 | 192 | 4,323 |
| Missouri | 110 | 101 | 65 | 8,433 | 232 | 2 | 121 | 407 | 230 | 9,490 |
| Montana, Idaho, and Utah | 2 | 2 | 4 | 3,415 | 69 | ..... | ..... | 87 | 76 | 3,651 |
| Nebraska, North and South Dakota | 1 | 1 | 8 | 3,879 | 51 | ..... | 29 | 308 | 257 | 4,527 |
| New Hampshire, Maine, and Vermont | 69 | 64 | 1 | 2,940 | 22 | ..... | 9 | 410 | 97 | 3,479 |
| New Jersey | 8 | 8 | 37 | 8,681 | 92 | 2 | 43 | 267 | 216 | 9,338 |
| New Mexico and Arizona | 59 | 59 | 3 | 1,339 | 31 | ..... | ..... | 28 | 54 | 1,455 |
| New York | 1,310 | 1,275 | 311 | 40,978 | 939 | 3 | 301 | 1,584 | 632 | 44,748 |
| North Carolina | 57 | 53 | 14 | 1,352 | 34 | 2 | ..... | 62 | 25 | 1,489 |
| Ohio | 10 | 10 | 114 | 16,792 | 366 | 5 | 132 | 293 | 388 | 18,090 |
| Oregon, Washington, and Alaska | 132 | 115 | 11 | 3,772 | 95 | ..... | 79 | 81 | 54 | 4,092 |
| Pennsylvania | 53 | 45 | 203 | 13,181 | 426 | 2 | 245 | 552 | 475 | 15,084 |
| South Carolina | 311 | 292 | ..... | 847 | 15 | ..... | 1 | 26 | 13 | 902 |
| Tennessee | 30 | 28 | 25 | 2,431 | 65 | ..... | 2 | 35 | 41 | 2,599 |
| Texas | 1 | 1 | 23 | 4,461 | 59 | ..... | 11 | 1,091 | 317 | 5,962 |
| Virginia | 724 | 698 | 18 | 2,802 | 34 | ..... | 5 | 77 | 42 | 2,978 |
| West Virginia | 2 | 2 | 7 | 1,373 | 13 | ..... | 10 | 65 | 22 | 1,490 |
| Wisconsin | 30 | 27 | 42 | 8,585 | 105 | 1 | 188 | 390 | 146 | 9,457 |
| Total | 4,989 | 4,743 | 1,554 | 219,863 | 4,791 | 38 | 1,930 | 10,073 | 5,398 | 243,647 |
| Total for the fiscal year ended June 30, 1892 | 6,154 | 5,925 | 1,544 | 215,434 | 4,783 | 40 | 1,967 | 10,031 | 4,969 | 238,868 |

*a* Distillers as such not being liable to a special tax, the number of distilleries is given as nearest representing the number of distillers. *b* Retail liquor dealers sell distilled spirits, wines, or malt liquors "in less quantities than 5 wine gallons at the same time." *c* Wholesale liquor dealers sell such liquors "in quantities of not less than 5 wine gallons at the same time." *d* Retail dealers in malt liquors sell malt liquors only "in less quantities than 5 gallons at one time." *e* Wholesale dealers in malt liquors sell such liquors "in quantities of not less than 5 gallons at one time."

**No. 184.**—QUANTITIES OF DISTILLED SPIRITS PRODUCED IN EACH STATE AND TERRITORY OF THE UNITED STATES DURING EACH YEAR ENDING JUNE 30, FROM 1888 TO 1893, INCLUSIVE.

[From Reports of the Commissioner of Internal Revenue.]

| States and Territories. | Year ending June 30— | | | | | |
|---|---|---|---|---|---|---|
| | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* | *Gallons.* |
| Alabama | 1,215 | 8,603 | 13,940 | 10,867 | 9,964 | 8,337 |
| Arizona *a* | ..... | ..... | ..... | ..... | ..... | ..... |
| Arkansas | 51,377 | 71,860 | 90,028 | 52,610 | 93,863 | 92,095 |
| California *b* | 1,305,247 | 1,133,911 | 1,151,974 | 1,847,491 | 2,532,464 | 280,835 |
| Colorado *c* | ..... | ..... | ..... | 216 | ..... | ..... |
| Connecticut *d* | 111,612 | 100,807 | 227,302 | 541,261 | 253,440 | 140,274 |
| Dakota *e* | ..... | ..... | ..... | ..... | ..... | ..... |
| Delaware *f* | ..... | ..... | ..... | ..... | ..... | ..... |
| District of Columbia *g* | ..... | ..... | ..... | ..... | ..... | ..... |
| Florida | ..... | ..... | ..... | ..... | ..... | ..... |
| Georgia | 310,101 | 395,101 | 443,485 | 527,313 | 431,858 | 292,734 |
| Idaho *h* | ..... | ..... | ..... | ..... | ..... | ..... |
| Illinois | 30,818,358 | 31,498,898 | 33,004,831 | 39,606,205 | 38,145,689 | 34,193,111 |
| Indiana | 4,238,935 | 5,608,669 | 6,435,493 | 6,052,679 | 6,086,924 | 6,472,633 |
| Iowa | 706 | 575 | 1,657 | 353 | 386 | ..... |
| Kansas *i* | 1,090 | 751 | 880 | 417 | 1,646 | ..... |
| Kentucky | 8,714,081 | 25,286,697 | 36,373,467 | 33,433,586 | 33,756,913 | 45,361,281 |
| Louisiana *k* | 964 | 1,463 | 1,500 | 168 | 684 | ..... |
| Maine *l* | ..... | ..... | ..... | ..... | ..... | ..... |
| Maryland *g* | 1,451,705 | 2,011,094 | 2,493,119 | 2,490,751 | 2,775,686 | 3,082,734 |
| Massachusetts | 1,859,741 | 1,508,916 | 1,603,662 | 1,705,339 | 1,893,574 | 1,961,086 |
| Michigan | ..... | ..... | ..... | ..... | ..... | ..... |
| Minnesota | ..... | 1,140,061 | 3,202,161 | 2,666,124 | 2,007,798 | 2,202,506 |
| Mississippi *k* | ..... | ..... | ..... | ..... | ..... | ..... |
| Missouri | 3,153,896 | 2,459,855 | 1,958,916 | 1,859,076 | 3,279,148 | 4,023,694 |
| Montana *h* | ..... | ..... | 417 | 294 | 839 | ..... |
| Nebraska *e* | 2,897,239 | 2,174,137 | 2,709,496 | 3,663,069 | 4,951,553 | 4,016,279 |
| Nevada *b* | ..... | ..... | ..... | ..... | ..... | ..... |
| New Hampshire *l* | 31,380 | 20,880 | 31,835 | 26,577 | 34,309 | 21,545 |
| New Jersey | 535,705 | 555,228 | 382,890 | 498,154 | 737,521 | 494,703 |
| New Mexico *a* | 1,852 | 2,279 | 2,106 | 1,087 | 1,404 | ..... |
| New York | 1,765,499 | 1,850,715 | 1,901,097 | 1,969,839 | 2,248,485 | 3,878,000 |
| North Carolina | 589,036 | 708,971 | 634,002 | 748,225 | 851,219 | 805,087 |
| Ohio | 8,783,782 | 7,923,839 | 9,253,655 | 9,571,001 | 8,593,321 | 9,363,843 |
| Oregon *m* | 781 | 9,183 | 1,585 | 1,830 | 69,064 | 65,219 |
| Pennsylvania | 3,283,459 | 4,196,575 | 6,386,926 | 8,061,444 | 7,304,232 | 9,514,155 |
| Rhode Island *d* | ..... | ..... | ..... | ..... | ..... | ..... |
| South Carolina | 47,227 | 33,987 | 30,691 | 45,256 | 44,560 | 53,295 |
| Tennessee | 857,957 | 1,337,007 | 1,611,195 | 1,071,293 | 967,009 | 955,199 |
| Texas | 9,463 | 4,623 | 9,392 | 1,965 | 6,354 | 16,612 |
| Utah *h* | ..... | ..... | ..... | ..... | ..... | ..... |
| Vermont *l* | ..... | ..... | ..... | ..... | ..... | ..... |
| Virginia | 218,748 | 268,525 | 243,160 | 264,144 | 341,855 | 220,387 |
| Washington *m* | ..... | ..... | ..... | ..... | ..... | ..... |
| West Virginia | 130,241 | 278,537 | 373,198 | 520,151 | 385,275 | 466,728 |
| Wisconsin | 516,731 | 589,803 | 527,678 | 528,316 | 539,474 | 689,410 |
| Wyoming *c* | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 71,688,188 | 91,133,550 | 111,101,738 | 117,767,101 | 118,436,506 | 128,651,782 |

*a* Arizona included in New Mexico. *b* Nevada included in California since July 1, 1887. *c* Wyoming included in Colorado. *d* Rhode Island included in Connecticut. *e* Dakota included in Nebraska. *f* Delaware includes nine counties of Maryland and two counties of Virginia to June 30, 1887, and is included in Maryland since July 1, 1887. *g* Maryland includes District of Columbia; also, since July 1, 1887, Delaware. *h* Montana includes Idaho and, since July 1, 1887, Utah. *i* Includes Indian Territory since August 8, 1881. *k* Mississippi included in Louisiana. *l* Maine and Vermont included in New Hampshire since July 1, 1887. *m* Washington included in Oregon.

## No. 185.—Quantities of FERMENTED LIQUORS produced in each State and Territory of the United States during each year ending June 30, from 1888 to 1893, inclusive.

[From Reports of the Commissioner of Internal Revenue.]

| States and Territories. | Year ending June 30— | | | | | |
|---|---|---|---|---|---|---|
| | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
| | *Barrels.* | *Barrels.* | *Barrels.* | *Barrels.* | *Barrels.* | *Barrels.* |
| Alabama | 14,750 | 19,787 | 33,950 | 39,317 | 36,948 | 44,651 |
| Arizona[a] | | | | | | |
| Arkansas | | | | | | |
| California[b] | 656,272 | 739,968 | 738,707 | 772,690 | 793,646 | 787,625 |
| Colorado[c] | 147,935 | 168,153 | 188,188 | 205,939 | 201,092 | 234,735 |
| Connecticut[d] | 260,345 | 265,719 | 293,460 | 334,855 | 360,216 | 408,939 |
| Dakota[e] | | | | | | |
| Delaware[f] | | | | | | |
| District of Columbia[g] | | | | | | |
| Florida | | | | | | |
| Georgia | 4,671 | 15,210 | 36,800 | 55,243 | 51,566 | 69,267 |
| Idaho[h] | | | | | | |
| Illinois | 1,907,442 | 2,011,691 | 2,281,249 | 2,665,133 | 2,939,149 | 3,417,295 |
| Indiana | 474,434 | 481,836 | 518,213 | 562,008 | 577,123 | 638,204 |
| Iowa | 160,272 | 103,400 | 92,195 | 107,879 | 115,212 | 130,565 |
| Kansas[i] | 14,170 | 8,290 | 2,310 | 1,900 | 1,650 | 2,690 |
| Kentucky | 301,886 | 291,970 | 323,764 | 352,434 | 340,410 | 361,653 |
| Louisiana[k] | 124,610 | 145,048 | 199,412 | 223,696 | 262,332 | 292,285 |
| Maine[l] | | | | | | |
| Maryland[g] | 634,160 | 658,451 | 687,130 | 729,338 | 792,506 | 852,621 |
| Massachusetts | 1,017,031 | 1,003,141 | 947,004 | 1,008,029 | 1,123,330 | 1,241,780 |
| Michigan | 522,012 | 519,145 | 557,576 | 618,150 | 650,823 | 725,215 |
| Minnesota | 306,473 | 314,073 | 332,024 | 372,654 | 384,636 | 416,570 |
| Mississippi[k] | | | | | | |
| Missouri | 1,562,528 | 1,669,304 | 1,883,614 | 2,043,333 | 2,047,696 | 2,281,149 |
| Montana[h] | 64,211 | 71,652 | 78,628 | 80,882 | 82,781 | 85,847 |
| Nebraska[e] | 168,379 | 174,649 | 162,339 | 153,496 | 151,429 | 170,772 |
| Nevada[b] | | | | | | |
| New Hampshire[l] | 342,636 | 338,944 | 339,956 | 396,055 | 429,678 | 403,155 |
| New Jersey | 1,316,052 | 1,364,390 | 1,526,590 | 1,640,876 | 1,793,649 | 1,915,780 |
| New Mexico[a] | 6,056 | 6,264 | 7,106 | 6,890 | 6,835 | 7,114 |
| New York | 7,978,532 | 8,088,390 | 8,572,223 | 9,230,634 | 9,558,744 | 9,978,449 |
| North Carolina | | | | | | |
| Ohio | 2,195,877 | 2,102,789 | 2,398,124 | 2,661,062 | 2,668,494 | 2,834,807 |
| Oregon[m] | 82,162 | 110,913 | 172,870 | 230,944 | 234,117 | 220,725 |
| Pennsylvania | 2,479,343 | 2,367,199 | 2,762,352 | 3,145,321 | 3,203,632 | 3,584,333 |
| Rhode Island[d] | | | | | | |
| South Carolina | 12,540 | 10,017 | 9,305 | 9,240 | 6,221 | 5,265 |
| Tennessee | 38,778 | 47,639 | 67,800 | 90,415 | 99,115 | 97,425 |
| Texas | 50,945 | 55,233 | 70,080 | 91,795 | 115,393 | 131,218 |
| Utah[h] | | | | | | |
| Vermont[l] | | | | | | |
| Virginia | 49,27$_0$ | 46,650 | 51,055 | 61,759 | 62,314 | 79,480 |
| Washington[m] | | | | | | |
| West Virginia | 103,307 | 102,366 | 119,929 | 136,321 | 134,106 | 152,343 |
| Wisconsin | 1,683,140 | 1,817,572 | 2,067,961 | 2,477,834 | 2,631,783 | 3,019,022 |
| Wyoming[e] | | | | | | |
| Total | 24,680,219 | 25,119,853 | 27,561,944 | *a* 30,497,209 | *b* 31,856,626 | *c* 34,591,179 |

*a* Includes 19,017 barrels removed from breweries for export free of tax. *b* Includes 38,790 barrels. *c* 3,8662 barrels. For notes to other references in this table see preceding page.

## No. 186.—Quantities of cane sugar and molasses produced in the United States during the years from 1869 to 1893, inclusive.

[Sugar and molasses crops of Louisiana furnished by A. Bouchereau, esq.]

| Year. | Sugar. | | | | Molasses. | | |
|---|---|---|---|---|---|---|---|
| | Louisiana. | Other Southern States. | Total. | | Louisiana. | Other Southern States. | Total. |
| | *Pounds.* | *Pounds.* | *Pounds.* | *Tons. a* | *Gallons.* | *Gallons.* | *Gallons.* |
| 1868–'69 | 95,051,225 | 5,750,000 | 100,801,225 | 45,030 | 6,081,907 | 764,000 | 6,845,907 |
| 1869–'70 | 99,452,946 | 5,380,000 | 104,832,946 | 46,800 | 5,724,256 | 876,000 | 6,600,256 |
| 1870–'71 | 168,878,592 | 9,426,000 | 178,304,592 | 79,600 | 10,281,419 | 619,000 | 10,900,419 |
| 1871–'72 | 146,906,125 | 9,446,000 | 156,352,125 | 69,800 | 10,019,958 | 681,000 | 10,700,958 |
| 1872–'73 | 125,346,493 | 9,486,000 | 134,832,493 | 60,193 | 8,898,640 | 601,000 | 9,499,640 |
| 1873–'74 | 103,241,119 | 5,399,000 | 108,640,119 | 48,500 | 8,203,944 | 507,000 | 8,710,944 |
| 1874–'75 | 134,504,691 | 7,736,000 | 142,240,691 | 63,500 | 11,516,828 | 674,000 | 12,190,828 |
| 1875–'76 | 163,418,070 | 9,062,000 | 172,480,070 | 77,000 | 10,870,546 | 1,380,000 | 12,250,546 |
| 1876–'77 | 190,672,570 | 8,688,000 | 199,360,570 | 89,000 | 12,024,108 | 876,000 | 12,900,108 |
| 1877–'78 | 147,101,941 | 11,940,000 | 159,041,941 | 71,000 | 14,237,280 | 913,000 | 15,150,280 |
| 1878–'79 | 239,478,753 | 11,402,000 | 250,880,753 | 112,000 | 13,218,404 | 1,005,000 | 14,223,404 |
| 1879–'80 | 198,962,278 | 8,915,000 | 207,877,278 | 92,802 | 12,189,190 | 1,211,000 | 13,400,190 |
| 1880–'81 | 272,982,899 | 12,320,000 | 285,302,899 | 127,367 | 15,255,029 | 1,704,000 | 16,959,029 |
| 1881–'82 | 159,874,950 | 11,200,000 | 171,074,950 | 76,373 | 9,691,104 | 2,308,896 | 12,000,000 |
| 1882–'83 | 303,066,258 | 15,680,000 | 318,746,258 | 142,297 | 15,716,755 | 3,250,000 | 18,966,755 |
| 1883–'84 | 287,712,230 | 15,232,000 | 302,944,230 | 135,243 | 15,277,316 | 3,118,000 | 18,395,316 |
| 1884–'85 | 211,402,963 | 14,560,000 | 225,962,963 | 100,876 | 11,761,608 | 2,892,000 | 14,653,608 |
| 1885–'86 | 286,626,486 | 16,128,000 | 302,754,486 | 135,158 | 17,863,732 | 3,645,000 | 21,508,732 |
| 1886–'87 | 181,123,872 | 10,158,400 | 191,282,272 | 85,394 | 10,254,894 | 2,114,100 | 12,368,994 |
| 1887–'88 | 353,855,877 | 22,048,320 | 375,904,197 | 167,814 | 21,980,241 | 4,651,260 | 26,631,501 |
| 1888–'89 | 324,526,781 | 20,229,440 | 344,756,221 | 153,909 | 15,228,580 | 3,255,882 | 18,484,462 |
| 1889–'90 | 287,490,271 | 18,276,000 | 305,766,271 | 136,503 | 18,431,988 | 3,950,000 | 22,381,988 |
| 1890–'91 | 483,489,856 | 13,680,000 | 497,169,856 | 221,951 | 25,000,000 | 4,200,000 | 29,200,000 |
| 1891–'92 | 360,499,307 | 10,080,000 | 370,579,307 | 165,437 | 16,429,868 | 4,200,000 | 20,629,868 |
| 1892–'93 | 452,068,627 | 11,200,000 | 463,268,627 | 206,816 | 17,025,997 | 4,502,000 | 21,525,997 |

## No. 187.—Quantity in Tons (*a*) of SUGAR CONSUMED in the United States during each calendar year from 1880 to 1893, inclusive.

| Calendar year. | Net imports of sugar. *b* | Domestic product. | | | | | Total. | Consumption per capita of population. |
|---|---|---|---|---|---|---|---|---|
| | | Manufactured from imported molasses. *c* | Of cane. | Of maple. | Of beet. | Of sorghum and other. | | |
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Pounds.* |
| 1880 | 805,045 | 50,617 | 92,802 | 10,000 | 357 | 1,943 | 960,764 | 42.9 |
| 1881 | 835,261 | 39,949 | 127,367 | 9,000 | 629 | ..... | 1,012,206 | 44.2 |
| 1882 | 973,720 | 64,456 | 76,373 | 20,000 | 446 | ..... | 1,134,995 | 48.4 |
| 1883 | 1,021,956 | 40,722 | 142,297 | 18,500 | 536 | ..... | 1,224,011 | 51.1 |
| 1884 | 1,098,090 | 50,000 | 135,243 | 25,000 | 737 | 313 | 1,309,383 | 53.4 |
| 1885 | 1,122,345 | 47,259 | 100,876 | 25,900 | 600 | 1,400 | 1,298,380 | 51.8 |
| 1886 | 1,232,755 | 72,613 | 135,158 | 18,000 | 754 | ..... | 1,459,280 | 56.9 |
| 1887 | 1,213,791 | 62,274 | 85,394 | 20,000 | 255 | ..... | 1,381,714 | 52.7 |
| 1888 | 1,270,629 | 58,840 | 167,814 | 20,000 | 1,640 | 360 | 1,519,283 | 56.7 |
| 1889 | 1,193,761 | 43,715 | 153,909 | 22,000 | 2,400 | 689 | 1,416,474 | 51.8 |
| 1890 | 1,257,292 | 53,282 | 136,503 | 25,000 | 2,800 | 1,500 | 1,476,377 | 52.8 |
| 1891 | 1,614,580 | 31,320 | 221,951 | 15,030 | 5,400 | 570 | 1,888,851 | 66.1 |
| 1892 | 1,597,306 | 30,000 | 204,064 | 9,500 | 12,000 | 500 | 1,853,370 | 63.8 |
| 1893 | 1,609,911 | 20,000 | 235,000 | 10,500 | 16,000 | 500 | 1,891,911 | 63.8 |

*a* Of 2,240 pounds.

*b* Includes such amounts of beet sugar as may have been imported.

*c* Leading refiners state that little or no sugar is manufactured from domestic molasses; also that in refining there is only about 2 per cent waste of original weight. Messrs. Willet and Gray, New York, state that of the sugar consumed in 1890 only about 83,000 tons was unrefined.

**No. 188.—Number and Nationality of IMMIGRANTS ARRIVED in the United States during the Fifteen Years ending June 30, from 1879 to 1893, inclusive.**

| Countries. | 1879. | 1880. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Austria-Hungary: | | | | | | | | | | | | | | | |
| Bohemia | a..... | a..... | a..... | 6,602 | 5,462 | 8,239 | 6,352 | 4,314 | 4,579 | 4,127 | 3,085 | 4,505 | 11,758 | 8,533 | 5,548 |
| Hungary | 632 | 4,363 | 6,826 | 8,929 | 11,240 | 14,798 | 9,383 | 12,420 | 15,256 | 15,800 | 10,967 | 22,062 | 28,366 | 37,236 | 23,501 |
| Other Austria (except Poland) | 5,331 | 12,904 | 21,109 | 13,619 | 10,923 | 13,534 | 11,574 | 11,946 | 20,430 | 25,884 | 20,122 | 29,632 | 30,918 | 34,367 | 30,584 |
| Total | 5,963 | 17,267 | 27,935 | 29,150 | 27,625 | 36,571 | 27,309 | 28,680 | 40,265 | 45,811 | 34,174 | 56,199 | 71,042 | 80,136 | 59,633 |
| Belgium | 512 | 1,232 | 1,766 | 1,431 | 1,450 | 1,576 | 1,653 | 1,300 | 2,553 | 3,215 | 2,562 | 2,671 | 3,037 | 4,303 | 4,091 |
| Denmark | 3,474 | 6,576 | 9,117 | 11,618 | 10,319 | 9,202 | 6,100 | 6,225 | 8,524 | 8,962 | 8,699 | 9,366 | 10,659 | 10,593 | 8,779 |
| France | 4,655 | 4,314 | 5,227 | 6,004 | 4,821 | 3,608 | 3,495 | 3,318 | 5,034 | 6,454 | 5,918 | 6,585 | 6,770 | 6,521 | 5,358 |
| Germany | 34,602 | 84,638 | 210,485 | 250,630 | 194,786 | 179,676 | 124,443 | 84,403 | 106,865 | 109,717 | 99,538 | 92,427 | 113,554 | 130,758 | 96,361 |
| Gibraltar | 1 | 14 | 5 | 7 | ..... | 7 | ..... | 8 | 12 | 18 | 13 | 9 | 13 | 4 | 5 |
| Greece | 21 | 23 | 19 | 126 | 73 | 37 | 172 | 104 | 313 | 782 | 158 | 524 | 1,105 | 615 | 1,131 |
| Italy, continental | 5,759 | 12,327 | 15,387 | 32,077 | 31,784 | 16,473 | 13,599 | 21,295 | 47,532 | 51,075 | 24,848 | 51,799 | 72,704 | 59,160 | 71,145 |
| Sicily and Sardinia | 32 | 27 | 14 | 82 | 8 | 37 | 43 | 20 | 90 | 483 | 459 | 204 | 3,351 | 2,977 | 1,771 |
| Malta | 3 | 1 | 1 | 3 | ..... | 1 | 4 | 7 | 1 | 3 | ..... | 1 | 6 | 1 | 5 |
| Netherlands | 753 | 3,340 | 8,597 | 9,517 | 5,249 | 4,198 | 2,689 | 2,314 | 4,506 | 5,845 | 6,460 | 4,326 | 5,206 | 7,260 | 8,114 |
| Norway | 7,345 | 19,895 | 22,705 | 29,101 | 23,398 | 16,974 | 12,356 | 12,759 | 16,269 | 18,264 | 13,390 | 11,370 | 12,568 | 14,462 | 16,079 |
| Poland | 489 | 2,177 | 5,614 | 4,672 | 2,011 | 4,536 | 3,085 | 3,939 | 6,128 | 5,826 | 4,922 | 11,073 | 27,497 | 33,299 | 13,664 |
| Portugal | 392 | 260 | 171 | 42 | 176 | 701 | 440 | 238 | 110 | 23 | 57 | 158 | 918 | 2,828 | 3,959 |
| Roumania | b ..... | 11 | 30 | 65 | 77 | 238 | 803 | 494 | 2,045 | 1,186 | 893 | 517 | 957 | 978 | 770 |
| Russia (except Poland) | 4,434 | 4,854 | 4,865 | 16,321 | 9,186 | 11,854 | 16,603 | 17,309 | 28,944 | 31,256 | 31,889 | 33,147 | 42,145 | 79,294 | 37,177 |
| Finland | 19 | 160 | 176 | 597 | 723 | 835 | 555 | 491 | 1,822 | 2,231 | 2,027 | 2,451 | 5,281 | 5,099 | 6,651 |
| Spain | 457 | 389 | 484 | 378 | 262 | 300 | 350 | 344 | 436 | 526 | 526 | 813 | 905 | 1,006 | 987 |
| Sweden | 11,001 | 39,186 | 49,760 | 64,607 | 38,277 | 26,552 | 22,248 | 27,751 | 42,836 | 54,698 | 35,415 | 29,632 | 36,880 | 43,247 | 38,077 |
| Switzerland | 3,161 | 6,156 | 11,293 | 10,844 | 12,751 | 9,386 | 5,895 | 4,805 | 5,214 | 7,737 | 7,070 | 6,993 | 6,811 | 7,408 | 5,295 |
| Turkey in Europe | 29 | 24 | 72 | 69 | 86 | 150 | 138 | 176 | 206 | 207 | 252 | 206 | 265 | 227 | 555 |

a Included in "Other Austria."

b Included in "Turkey in Europe."

No. 188.—NUMBER AND NATIONALITY OF IMMIGRANTS ARRIVED IN THE UNITED STATES DURING FIFTEEN YEARS, ETC.—Continued.

| Countries. | 1879. | 1880. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| United Kingdom: | | | | | | | | | | | | | | | |
| England | 24,183 | 59,454 | 65,177 | 82,394 | 63,140 | 55,918 | 47,332 | 49,767 | 72,835 | 82,574 | 68,503 | 57,020 | 53,600 | 49,770 | 46,501 |
| Ireland | 20,013 | 71,603 | 72,342 | 76,432 | 81,486 | 63,344 | 51,795 | 49,619 | 68,370 | 73,513 | 65,557 | 53,024 | 55,706 | 55,467 | 49,233 |
| Scotland | 5,225 | 12,640 | 15,168 | 18,937 | 11,859 | 9,060 | 9,226 | 12,126 | 18,699 | 24,457 | 18,296 | 12,041 | 12,557 | 11,520 | 12,155 |
| Wales | 543 | 1,173 | 1,027 | 1,656 | 1,597 | 901 | 1,127 | 1,027 | 1,820 | 1,654 | 1,181 | 650 | 424 | 757 | 1,197 |
| Not specified | 4 | 6 | 4 | 4 | 10 | 71 | 28 | 9 | 4 | 7 | 12 | 19 | 24 | ..... | ..... |
| Total | 49,968 | 144,876 | 153,718 | 179,423 | 158,092 | 129,294 | 109,508 | 112,548 | 161,748 | 182,205 | 153,549 | 122,754 | 122,311 | 117,514 | 109,086 |
| Greenland, Iceland, and the Faroe Islands | 207 | 396 | 60 | 28 | 36 | 254 | 11 | 45 | 126 | 5 | 4 | 13 | 19 | 5 | 25 |
| Azores | 982 | 548 | 1,044 | 1,394 | 1,397 | 1,226 | 1,584 | 956 | 1,250 | 1,602 | 1,967 | 2,442 | 2,081 | 777 | 114 |
| Total Europe | 134,259 | 348,691 | 528,545 | 648,186 | 522,587 | 453,686 | 353,083 | 329,529 | 482,829 | 538,131 | 434,790 | 445,680 | 546,085 | 608,472 | 488,832 |
| British North American Possessions | 31,268 | 99,706 | 125,391 | 96,295 | 70,241 | 60,584 | 38,291 | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... |
| Mexico | 556 | 492 | 325 | 366 | 469 | 430 | 323 | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... | [a] ..... |
| Central America | 9 | 44 | 29 | 20 | 9 | 23 | 24 | 32 | 23 | 67 | 88 | 147 | 285 | 291 | 241 |
| Bermuda | 18 | 11 | 42 | 66 | 30 | 29 | 44 | 14 | 5 | 15 | 21 | 178 | 227 | 166 | 18 |
| West Indies | 1,123 | 1,351 | 1,680 | 1,291 | 903 | 2,208 | 2,477 | 2,734 | 4,876 | 4,880 | 4,923 | 3,070 | 3,906 | 1,767 | 3,159 |
| South America | 69 | 88 | 110 | 91 | 77 | 65 | 44 | 246 | 366 | 440 | 427 | 438 | 664 | 680 | 610 |
| Total America | 33,043 | 101,692 | 127,577 | 100,129 | 71,729 | 63,339 | 41,203 | [a] 3,026 | [a] 5,270 | [a] 5,402 | [a] 5,459 | [a] 3,833 | [a] 5,082 | [a] 2,904 | [a] 4,028 |
| China | 9,604 | 5,802 | 11,890 | 39,579 | [b] 8,031 | 279 | 22 | 40 | 10 | 26 | 118 | 1,716 | 2,836 | 2,728 | 2,828 |
| Other Asia | 56 | 37 | 92 | 50 | 82 | 231 | 176 | 277 | 605 | 817 | 1,607 | 2,732 | 4,842 | 5,984 | 4,171 |
| Total Asia | 9,660 | 5,839 | 11,982 | 39,629 | 8,113 | 510 | 198 | 317 | 615 | 843 | 1,725 | 4,448 | 7,678 | 8,712 | 6,999 |
| Total Oceanica | 816 | 954 | 1,191 | 889 | 747 | 900 | 679 | 1,136 | 1,282 | 2,387 | 2,196 | 1,167 | 1,801 | 2,561 | 2,665 |
| Total Africa | 17 | 20 | 34 | 60 | 68 | 59 | 112 | 122 | 40 | 65 | 187 | 112 | 103 | 351 | 327 |
| All other countries | 31 | 61 | 102 | 99 | 78 | 98 | 71 | 73 | 73 | 61 | 70 | 62 | 70 | 84 | 66 |
| Total immigrants | 177,826 | 457,257 | 669,431 | 788,992 | 603,322 | 518,592 | 395,346 | 334,203 | 490,109 | 546,889 | 444,427 | 455,302 | 560,319 | 623,084 | 502,917 |

[a] Immigrants from the British North American Possessions and Mexico not reported.

[b] Of this number 6,613 arrived in July, prior to August 6, 1882, the date when the Chinese immigration act went into effect.

**No. 189.—Numbers of PASSENGERS ARRIVED in the Principal and all other CUSTOMS DISTRICTS of the United States from Foreign Countries, distinguishing UNITED STATES CITIZENS returning, NONIMMIGRANT ALIENS, and IMMIGRANTS, respectively, during each year ending June 30, from 1870 to 1893, inclusive.**

[Arrivals from the British North American Possessions and Mexico are not included after July 1, 1885.]

| Year ending June 30— | Boston and Charlestown, Mass. | | | | New York, N. Y. | | | | Philadelphia, Pa. | | | | Baltimore, Md. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U. S. citizens returning. | Nonimmigrant aliens. | Immigrants. | Total passengers arrived. | U. S. citizens returning. | Nonimmigrant aliens. | Immigrants. | Total passengers arrived. | U. S. citizens returning. | Nonimmigrant aliens. | Immigrants. | Total passengers arrived. | U. S. citizens returning. | Nonimmigrant aliens. | Immigrants. | Total passengers arrived. |
| 1870 | 2,034 | 1,642 | 38,028 | 36,704 | 22,178 | 2,659 | 256,354 | 281,191 | 140 | 33 | 1,016 | 1,189 | 850 | 46 | 11,527 | 12,423 |
| 1871 | 2,082 | 1,481 | 27,024 | 30,587 | 19,553 | 3,052 | 206,205 | 228,810 | 165 | 15 | 348 | 528 | 670 | 52 | 9,956 | 10,678 |
| 1872 | 1,846 | 1,430 | 26,909 | 30,185 | 24,828 | 3,681 | 283,226 | 311,735 | 338 | 16 | 154 | 508 | 798 | 80 | 15,979 | 16,807 |
| 1873 | 1,753 | 1,689 | 31,676 | 35,118 | 27,591 | 2,899 | 307,334 | 337,824 | 178 | 19 | 1,108 | 1,305 | 788 | 48 | 17,897 | 18,733 |
| 1874 | 2,342 | 1,468 | 24,225 | 28,035 | 31,294 | 4,005 | 194,144 | 229,443 | 935 | 16 | 5,649 | 6,600 | 834 | 95 | 9,831 | 10,760 |
| 1875 | 2,419 | 1,839 | 17,645 | 21,903 | 29,735 | 3,565 | 130,994 | 164,294 | 2,182 | 54 | 9,929 | 12,165 | 878 | 48 | 6,055 | 6,981 |
| 1876 | 2,509 | 1,615 | 9,711 | 13,835 | 28,761 | 5,455 | 82,373 | 116,589 | 2,187 | 306 | 7,812 | 10,305 | 904 | 46 | 5,093 | 6,043 |
| 1877 | 2,129 | 1,720 | 7,687 | 11,736 | 24,209 | 5,618 | 72,912 | 102,859 | 2,158 | 71 | 6,154 | 8,383 | 628 | 121 | 3,923 | 4,672 |
| 1878 | 2,196 | 1,438 | 8,756 | 12,390 | 25,706 | 5,193 | 72,163 | 103,062 | 2,297 | 21 | 5,259 | 7,607 | 608 | 96 | 3,612 | 4,316 |
| 1879 | 2,383 | 992 | 10,364 | 13,739 | 36,458 | 6,249 | 99,224 | 141,931 | 2,691 | 627 | 8,266 | 11,594 | 602 | 151 | 4,713 | 5,466 |
| 1880 | 2,552 | 1,130 | 34,062 | 37,744 | 31,313 | 6,842 | 263,726 | 301,881 | 1,692 | 39 | 21,727 | 23,458 | 540 | 113 | 17,394 | 18,047 |
| 1881 | 2,621 | 1,899 | 41,018 | 45,538 | 31,173 | 8,235 | 400,871 | 440,279 | 1,750 | 13 | 34,865 | 36,628 | 593 | 218 | 40,017 | 40,828 |
| 1882 | 2,169 | 1,969 | 58,186 | 62,324 | 34,197 | 8,529 | 502,171 | 544,897 | 1,900 | 7 | 36,284 | 38,191 | 525 | 156 | 41,739 | 42,420 |
| 1883 | 5,710 | 3,442 | 48,188 | 57,340 | 44,295 | 19,503 | 406,697 | 470,495 | 1,960 | 44 | 24,808 | 26,812 | 443 | 138 | 35,690 | 36,271 |
| 1884 | 9,572 | 3,283 | 35,036 | 47,891 | 47,860 | 22,700 | 354,702 | 425,262 | 1,368 | 44 | 18,981 | 20,393 | 870 | 121 | 35,507 | 36,498 |
| 1885 | 6,603 | 2,307 | 25,660 | 34,630 | 51,514 | 22,974 | 287,223 | 361,711 | 2,309 | 46 | 22,482 | 24,837 | 659 | 153 | 15,928 | 16,740 |
| 1886 | 7,565 | 270 | 25,046 | 32,881 | 50,412 | 15,267 | 266,370 | 332,049 | 2,917 | 41 | 20,822 | 23,780 | 862 | 61 | 13,500 | 14,423 |
| 1887 | 4,267 | 323 | 36,209 | 40,799 | 56,261 | 14,671 | 376,005 | 446,937 | 3,033 | 56 | 31,048 | 34,137 | 1,264 | 70 | 36,098 | 37,432 |
| 1888 | 3,756 | 515 | 44,873 | 49,144 | 57,759 | 14,845 | 418,423 | 491,027 | 1,928 | 91 | 37,325 | 39,344 | 1,123 | 105 | 33,297 | 34,525 |
| 1889 | 3,630 | 274 | 35,198 | 39,102 | 61,000 | 15,094 | 338,784 | 414,878 | 1,280 | 77 | 28,100 | 29,457 | 1,096 | 104 | 29,704 | 30,904 |
| 1890 | 4,540 | 221 | 29,813 | 34,574 | 73,727 | 12,581 | 364,086 | 450,394 | 1,541 | 85 | 22,658 | 24,284 | 1,284 | 63 | 27,178 | 28,525 |
| 1891 | 4,913 | 285 | 30,951 | 36,149 | 72,694 | 12,067 | 448,403 | 533,164 | 1,806 | 162 | 26,152 | 28,120 | 1,172 | 129 | 40,694 | 41,995 |
| 1892 | 4,586 | 142 | 32,343 | 37,071 | 76,200 | 15,165 | 489,810 | 581,175 | 1,506 | 146 | 31,102 | 32,754 | 1,326 | 164 | 55,820 | 57,310 |
| 1893 | 3,361 | ..... | 29,583 | 32,944 | 76,384 | 33,070 | 404,337 | 513,791 | 1,863 | 878 | 28,906 | 31,647 | 942 | 95 | 26,183 | 27,220 |

## No. 189.—Numbers of passengers arrived, etc., by customs districts, 1870 to 1893—Continued.

| Year ending June 30— | Key West, Fla. | | | | San Francisco, Cal. | | | | All other ports. | | | | Total United States. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U. S. citizens returning. | Non-immigrant aliens. | Immigrants. | Total passengers arrived. | U. S. citizens returning. | Non-immigrant aliens. | Immigrants. | Total passengers arrived. | U. S. citizens returning. | Nonimmigrant aliens. | Immigrants. | Total passengers arrived. | U. S. citizens returning. | Nonimmigrant aliens. | Immigrants. | Total passengers arrived. |
| 1870 | 100 | ..... | 1,009 | 1,109 | 2,025 | ..... | 15,949 | 17,974 | 6,538 | 11,337 | 68,320 | 86,195 | 33,865 | 15,717 | 387,203 | 436,785 |
| 1871 | 141 | 2 | 684 | 827 | 1,403 | 122 | 8,971 | 10,496 | 19,648 | 16,535 | 68,162 | 104,345 | 43,662 | 21,279 | 321,350 | 386,271 |
| 1872 | 341 | ..... | 924 | 1,265 | 805 | 615 | 10,359 | 11,779 | 20,100 | 12,400 | 67,235 | 99,755 | 49,056 | 18,172 | 404,806 | 472,034 |
| 1873 | 200 | 77 | 1,114 | 1,391 | 1,144 | 811 | 20,917 | 22,872 | 16,090 | 7,795 | 79,757 | 103,642 | 47,744 | 13,338 | 459,803 | 520,885 |
| 1874 | 358 | 255 | 1,272 | 1,885 | 1,726 | 904 | 15,116 | 17,746 | 10,241 | 7,807 | 63,102 | 81,210 | 47,730 | 14,610 | 313,339 | 375,679 |
| 1875 | 488 | 536 | 1,279 | 2,303 | 2,396 | 442 | 18,286 | 21,124 | 12,740 | 10,710 | 43,310 | 66,760 | 50,898 | 17,134 | 227,498 | 295,530 |
| 1876 | 212 | 389 | 983 | 1,584 | 2,682 | 927 | 24,080 | 27,689 | 10,745 | 11,267 | 39,934 | 61,946 | 48,000 | 20,005 | 169,986 | 237,991 |
| 1877 | 195 | 304 | 963 | 1,462 | 3,182 | 730 | 11,255 | 15,167 | 8,893 | 14,598 | 38,733 | 62,224 | 41,484 | 23,162 | 141,857 | 206,503 |
| 1878 | 245 | 426 | 620 | 1,291 | 2,589 | 623 | 8,542 | 11,754 | 8,030 | 11,510 | 39,487 | 59,027 | 41,671 | 19,307 | 138,469 | 199,447 |
| 1879 | 405 | 742 | 820 | 1,967 | 3,573 | 794 | 9,253 | 13,620 | 9,144 | 10,563 | 45,186 | 64,893 | 55,256 | 20,128 | 177,826 | 253,210 |
| 1880 | 534 | 864 | 996 | 2,394 | 2,865 | 914 | 7,153 | 10,932 | 10,773 | 17,037 | 112,199 | 140,009 | 50,269 | 26,939 | 457,257 | 534,465 |
| 1881 | 704 | 562 | 1,441 | 2,707 | 4,043 | 764 | 12,432 | 17,239 | 7,665 | 14,041 | 138,787 | 160,493 | 48,549 | 25,732 | 609,431 | 743,712 |
| 1882 | 556 | 164 | 1,011 | 1,731 | 4,347 | 1,024 | 32,668 | 38,039 | 9,178 | 15,431 | 116,933 | 141,542 | 52,872 | 27,280 | 788,992 | 869,144 |
| 1883 | 913 | 565 | 690 | 2,168 | 4,841 | 4,048 | 8,191 | 17,080 | 9,121 | 14,170 | 79,058 | 102,349 | 67,283 | 41,910 | 603,322 | 712,515 |
| 1884 | 1,064 | 797 | 2,029 | 3,890 | 10,164 | 5,067 | 1,735 | 16,966 | 18,030 | 9,959 | 70,602 | 98,591 | 88,928 | 41,971 | 518,592 | 649,491 |
| 1885 | 976 | 1,290 | 2,289 | 4,555 | 11,112 | 7,936 | 1,118 | 20,166 | 24,078 | 7,646 | 40,546 | 72,370 | 97,251 | 42,412 | 395,346 | 535,009 |
| 1886 | 1,641 | 1,136 | 2,427 | 5,204 | a 11,654 | 4,704 | 1,428 | 17,786 | 11,329 | 2,241 | 4,610 | 18,180 | 86,380 | 23,720 | 334,203 | 444,303 |
| 1887 | 2,341 | 1,037 | 4,596 | 8,874 | b 13,343 | 4,020 | 1,726 | 19,089 | 11,838 | 1,852 | 4,427 | 18,117 | 92,347 | 22,929 | 490,109 | 605,385 |
| 1888 | 1,421 | 589 | 4,436 | 6,446 | c 14,851 | 2,775 | 2,935 | 20,561 | 14,691 | 1,701 | 5,600 | 21,992 | 95,529 | 20,621 | 546,889 | 663,039 |
| 1889 | 1,828 | 880 | 4,545 | 7,253 | d 11,319 | 3,033 | 3,127 | 17,479 | 1,088 | 1,883 | 4,969 | 7,440 | 81,241 | 20,815 | 444,427 | 546,513 |
| 1890 | 2,563 | 5,730 | 2,482 | 10,775 | 3,128 | 1,499 | 3,606 | 8,233 | 1,234 | 944 | 5,479 | 7,657 | 88,017 | 21,123 | 455,302 | 564,442 |
| 1891 | 4,083 | 3,859 | 3,301 | 11,243 | 3,163 | 1,620 | 5,332 | 10,115 | 1,389 | 575 | 5,486 | 7,450 | 89,220 | 18,697 | 560,319 | 668,236 |
| 1892 | 4,431 | 2,596 | 1,138 | 8,165 | 2,988 | 1,505 | 6,425 | 10,918 | 1,270 | 1,551 | 6,446 | 9,267 | 92,307 | 21,269 | 623,084 | 736,660 |
| 1893 | 3,970 | 2,244 | 2,593 | 8,807 | 2,890 | 1,821 | 5,383 | 10,094 | 1,263 | 2,642 | 5,932 | 9,842 | 90,678 | 40,750 | 502,917 | 634,345 |

a Includes 7,704 Chinese returning. b Includes 11,162 Chinese returning. c Includes 12,816 Chinese returning. d Includes 9,062 Chinese returning.

**No. 190.—Tonnage of American and Foreign SAILING and STEAM VESSELS ENTERED into the Seaports of the United States from Foreign Countries, during each year ending June 30, from 1867 to 1893, inclusive.**

| Year ending June 30— | TONNAGE ENTERED. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sailing vessels. | | | Steam vessels. | | | Total sailing and steam. | | |
| | American. | Foreign. | Total. | American. | Foreign. | Total. | American. | Foreign. | Total. |
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1867 | 1,750,665 | 1,893,575 | 3,643,640 | 395,626 | 1,227,120 | 1,622,746 | 2,145,691 | 3,120,695 | 5,266,386 |
| 1868 | 2,003,775 | 1,751,108 | 3,754,883 | 461,920 | 1,354,718 | 1,816,638 | 2,465,695 | 3,105,826 | 5,571,521 |
| 1869 | 2,041,444 | 1,999,730 | 4,041,174 | 417,892 | 1,572,914 | 1,990,806 | 2,459,336 | 3,572,644 | 6,031,980 |
| 1870 | 1,615,770 | 3,137,259 | 3,753,029 | 836,456 | 1,680,704 | 2,517,160 | 2,452,226 | 3,817,963 | 6,270,189 |
| 1871 | 1,822,064 | 2,508,169 | 4,330,233 | 781,527 | 1,882,437 | 2,663,964 | 2,603,591 | 4,390,606 | 6,994,197 |
| 1872 | 1,742,730 | 2,843,982 | 4,586,712 | 841,916 | 2,341,358 | 3,183,274 | 2,584,646 | 5,185,340 | 7,769,986 |
| 1873 | 1,573,093 | 3,080,156 | 4,653,249 | 870,193 | 2,871,308 | 3,741,500 | 2,443,285 | 5,951,464 | 8,394,749 |
| 1874 | 1,879,195 | 3,809,585 | 5,688,780 | 1,035,747 | 3,285,128 | 4,320,875 | 2,914,942 | 7,094,713 | 10,009,655 |
| 1875 | 1,745,419 | 3,113,262 | 4,858,681 | 1,141,734 | 3,142,723 | 4,284,457 | 2,887,153 | 6,255,985 | 9,143,138 |
| 1876 | 1,827,267 | 3,469,071 | 5,296,338 | 1,100,513 | 3,319,053 | 4,419,566 | 2,927,780 | 6,788,124 | 9,715,904 |
| 1877 | 1,865,688 | 4,016,210 | 5,881,898 | 1,092,103 | 3,432,487 | 4,524,590 | 2,957,791 | 7,448,697 | 10,406,488 |
| 1878 | 1,871,323 | 4,348,623 | 6,219,946 | 1,188,114 | 4,172,467 | 5,310,581 | 3,009,437 | 8,521,090 | 11,530,527 |
| 1879 | 1,931,285 | 5,355,450 | 7,286,735 | 1,118,459 | 5,362,944 | 6,481,403 | 3,049,744 | 10,718,394 | 13,768,138 |
| 1880 | 1,944,269 | 5,720,034 | 7,664,303 | 1,195,900 | 6,391,126 | 7,587,026 | 3,140,169 | 12,111,160 | 15,251,329 |
| 1881 | 1,678,571 | 5,224,282 | 6,902,853 | 1,240,578 | 7,487,110 | 8,727,688 | 2,919,149 | 12,711,392 | 15,630,541 |
| 1882 | 1,611,500 | 4,524,972 | 6,136,472 | 1,356,790 | 7,163,237 | 8,520,027 | 2,968,290 | 11,688,209 | 14,656,499 |
| 1883 | 1,533,954 | 3,879,838 | 5,413,792 | 1,300,727 | 6,646,338 | 7,947,065 | 2,834,681 | 10,526,176 | 13,360,857 |
| 1884 | 1,513,237 | 3,596,834 | 5,110,071 | 1,307,555 | 5,667,530 | 6,975,085 | 2,820,792 | 9,264,364 | 12,085,156 |
| 1885 | 1,420,267 | 3,613,446 | 5,033,713 | 1,288,945 | 5,964,834 | 7,253,779 | 2,709,212 | 9,578,280 | 12,287,492 |
| 1886 | 1,446,245 | 3,585,655 | 5,031,900 | 1,315,550 | 5,882,349 | 7,197,899 | 2,761,795 | 9,468,004 | 12,229,799 |
| 1887 | 1,470,489 | 3,829,590 | 5,300,079 | 1,400,447 | 6,831,189 | 8,231,636 | 2,870,936 | 10,660,779 | 13,531,715 |
| 1888 | 1,281,341 | 3,441,967 | 4,723,308 | 1,632,657 | 6,600,194 | 8,232,851 | 2,913,998 | 10,042,161 | 12,956,159 |
| 1889 | 1,304,136 | 3,088,127 | 4,392,263 | 1,823,701 | 7,095,688 | 8,919,389 | 3,127,837 | 10,183,815 | 13,311,652 |
| 1890 | 1,394,665 | 3,071,111 | 4,465,776 | 2,009,919 | 8,889,909 | 10,899,828 | 3,404,584 | 11,961,020 | 15,365,604 |
| 1891 | 1,336,468 | 2,942,115 | 4,278,583 | 2,333,904 | 8,781,724 | 11,115,628 | 3,670,372 | 11,723,839 | 15,394,211 |
| 1892 | 1,427,976 | 3,044,594 | 4,472,570 | 2,218,675 | 11,389,605 | 13,708,280 | 3,746,651 | 14,433,829 | 18,180,480 |
| 1893 | 1,280,606 | 2,932,368 | 4,212,974 | 2,212,636 | 10,253,180 | 12,465,816 | 3,493,242 | 13,185,548 | 16,678,790 |

## No. 191.—Tonnage of American and Foreign SAILING and STEAM VESSELS CLEARED from the Seaports of the United States for Foreign Countries during each Year ending June 30, from 1869 to 1893, inclusive.

| Year ending June 30— | TONNAGE CLEARED. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sailing vessels. | | | Steam vessels. | | | Total sailing and steam. | | |
| | American. | Foreign. | Total. | American. | Foreign. | Total. | American. | Foreign. | Total. |
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1869 | a | a | a | a | a | a | 2,502,200 | 3,612,188 | 6,114,388 |
| 1870 | 1,707,477 | 2,164,120 | 3,871,597 | 822,121 | 1,667,910 | 2,490,031 | 2,529,598 | 3,832,030 | 6,361,628 |
| 1871 | 1,850,075 | 2,467,078 | 4,317,153 | 784,766 | 1,815,883 | 2,600,649 | 2,634,841 | 4,282,961 | 6,917,802 |
| 1872 | 1,784,277 | 2,858,253 | 4,642,530 | 813,334 | 2,282,894 | 3,096,228 | 2,597,611 | 5,141,147 | 7,738,758 |
| 1873 | 1,689,018 | 3,118,218 | 4,807,236 | 885,003 | 2,822,631 | 3,707,634 | 2,574,021 | 5,940,849 | 8,514,870 |
| 1874 | 1,899,883 | 3,799,956 | 5,699,839 | 1,061,220 | 3,296,991 | 4,358,211 | 2,961,103 | 7,096,947 | 10,058,050 |
| 1875 | 1,891,248 | 3,145,920 | 5,037,168 | 1,170,106 | 3,133,425 | 4,303,531 | 3,061,354 | 6,279,345 | 9,340,699 |
| 1876 | 1,937,100 | 3,484,177 | 5,421,277 | 1,100,262 | 3,317,919 | 4,418,181 | 3,037,362 | 6,802,096 | 9,839,458 |
| 1877 | 1,930,203 | 3,889,534 | 5,819,737 | 1,112,955 | 3,455,902 | 4,568,857 | 3,043,158 | 7,345,436 | 10,388,594 |
| 1878 | 2,045,168 | 4,484,098 | 6,529,266 | 1,151,323 | 4,163,042 | 5,314,365 | 3,196,491 | 8,647,140 | 11,843,631 |
| 1879 | 1,948,664 | 5,255,170 | 7,203,834 | 1,122,623 | 5,290,233 | 6,412,856 | 3,071,287 | 10,545,403 | 13,616,690 |
| 1880 | 1,918,949 | 5,813,302 | 7,732,251 | 1,158,775 | 6,404,671 | 7,563,446 | 3,077,724 | 12,217,973 | 15,295,697 |
| 1881 | 1,798,769 | 5,278,390 | 7,077,159 | 1,240,775 | 7,476,063 | 8,716,838 | 3,039,544 | 12,754,453 | 15,793,997 |
| 1882 | 1,576,359 | 4,621,672 | 6,198,031 | 1,359,153 | 7,289,284 | 8,648,437 | 2,935,512 | 11,910,956 | 14,846,468 |
| 1883 | 1,584,768 | 4,008,616 | 5,593,384 | 1,310,309 | 6,661,329 | 7,971,638 | 2,895,077 | 10,669,945 | 13,565,022 |
| 1884 | 1,581,300 | 3,607,259 | 5,188,559 | 1,263,809 | 5,753,351 | 7,017,160 | 2,845,109 | 9,360,610 | 12,205,719 |
| 1885 | 1,520,053 | 3,654,161 | 5,174,214 | 1,288,522 | 6,038,539 | 7,322,061 | 2,808,575 | 9,687,700 | 12,496,275 |
| 1886 | 1,449,829 | 3,646,848 | 5,096,677 | 1,356,430 | 5,960,128 | 7,316,558 | 2,806,259 | 9,606,976 | 12,413,235 |
| 1887 | 1,363,144 | 3,760,575 | 5,123,719 | 1,407,374 | 6,979,442 | 8,386,816 | 2,770,518 | 10,740,017 | 13,510,535 |
| 1888 | 1,305,645 | 3,640,615 | 4,946,260 | 1,638,568 | 6,667,369 | 8,305,937 | 2,944,213 | 10,307,984 | 13,252,197 |
| 1889 | 1,485,318 | 3,215,253 | 4,700,571 | 1,857,032 | 7,114,058 | 8,971,090 | 3,342,350 | 10,329,311 | 13,671,661 |
| 1890 | 1,372,947 | 3,153,641 | 4,526,588 | 2,017,070 | 8,885,391 | 10,902,461 | 3,390,017 | 12,039,032 | 15,429,049 |
| 1891 | 1,343,089 | 2,915,753 | 4,258,842 | 2,372,994 | 8,778,874 | 11,151,868 | 3,716,083 | 11,694,627 | 15,410,710 |
| 1892 | 1,425,906 | 2,982,504 | 4,408,410 | 2,325,144 | 11,524,611 | 13,849,755 | 3,751,050 | 14,507,115 | 18,258,165 |
| 1893 | 1,270,962 | 2,908,809 | 4,179,771 | 2,266,169 | 10,379,541 | 12,645,710 | 3,537,131 | 13,288,350 | 16,825,481 |

a Sailing and steam vessels were not reported separately.

**No. 192.—NATIONALITY OF THE FOREIGN TONNAGE AND TOTAL AMERICAN TONNAGE ENTERED AT SEAPORTS OF THE UNITED STATES FROM FOREIGN COUNTRIES DURING EACH YEAR ENDING JUNE 30, FROM 1866 TO 1893, INCLUSIVE.**

| Year ending June 30— | Austrian. | Belgian. | British. | Danish. | Dutch. | French. | German. | Italian. | Norwegian and Swedish. | Portuguese. | Russian. | Spanish. | All other foreign. | TOTAL FOREIGN. | American. | GRAND TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1866..... | 7,521 | 2,144 | 2,412,318 | 14,885 | 17,251 | 61,815 | 420,576 | 46,759 | 63,015 | 6,998 | 16,049 | 19,728 | 27,975 | 3,117,034 | 1,891,453 | 5,008,487 |
| 1867..... | 8,260 | 1,803 | 2,406,337 | 10,784 | 12,481 | 76,577 | 441,862 | 39,244 | 58,182 | 6,920 | 6,571 | 22,789 | 28,935 | 3,120,695 | 2,145,691 | 5,266,386 |
| 1868..... | 8,006 | 2,692 | 2,348,201 | 10,713 | 13,256 | 71,282 | 478,354 | 30,240 | 69,640 | 3,143 | 11,499 | 33,608 | 25,192 | 3,105,826 | 2,465,695 | 5,571,521 |
| 1869..... | 8,697 | 3,842 | 2,662,964 | 11,266 | 12,960 | 72,346 | 597,403 | 49,580 | 92,092 | 3,989 | 12,682 | 22,522 | 22,301 | 3,572,644 | 2,459,336 | 6,031,980 |
| 1870..... | 12,222 | 654 | 2,791,689 | 11,401 | 14,929 | 81,165 | 679,325 | 47,807 | 107,570 | 11,170 | 7,157 | 30,576 | 22,298 | 3,817,963 | 2,452,226 | 6,270,189 |
| 1871..... | 8,354 | 3,100 | 3,435,937 | 15,532 | 13,240 | 94,512 | 469,966 | 52,463 | 167,966 | 12,296 | 16,532 | 77,052 | 23,656 | 4,390,606 | 2,603,591 | 6,994,197 |
| 1872..... | 31,270 | 8,733 | 3,680,002 | 18,802 | 16,756 | 119,126 | 782,604 | 111,010 | 258,834 | 14,267 | 29,360 | 88,862 | 25,714 | 5,185,340 | 2,584,646 | 7,769,986 |
| 1873..... | 72,241 | 16,688 | 4,064,426 | 20,310 | 41,138 | 120,978 | 830,149 | 164,339 | 378,789 | 13,002 | 59,321 | 128,113 | 41,970 | 5,951,404 | 2,443,285 | 8,394,749 |
| 1874..... | 157,624 | 47,571 | 4,337,559 | 22,249 | 43,979 | 147,034 | 1,090,208 | 355,324 | 669,807 | 16,318 | 71,152 | 92,963 | 42,925 | 7,094,713 | 2,914,942 | 10,009,655 |
| 1875..... | 97,679 | 86,653 | 4,016,627 | 12,558 | 66,331 | 138,476 | 892,818 | 262,129 | 459,968 | 13,831 | 58,237 | 101,925 | 48,753 | 6,255,985 | 2,887,153 | 9,143,138 |
| 1876..... | 159,599 | 92,504 | 4,194,113 | 16,811 | 63,621 | 192,507 | 816,039 | 297,490 | 695,930 | 21,748 | 76,009 | 122,754 | 88,999 | 6,788,124 | 2,927,780 | 9,715,904 |
| 1877..... | 169,690 | 92,700 | 4,491,946 | 21,542 | 63,488 | 235,810 | 866,730 | 438,727 | 740,092 | 17,921 | 75,247 | 192,045 | 42,759 | 7,448,607 | 2,957,791 | 10,406,488 |
| 1878..... | 211,859 | 121,420 | 5,232,573 | 21,521 | 79,656 | 224,608 | 910,238 | 548,577 | 843,257 | 21,926 | 64,330 | 196,583 | 44,542 | 8,521,090 | 3,009,437 | 11,530,527 |
| 1879..... | 202,085 | 167,485 | 6,808,196 | 45,640 | 96,412 | 244,039 | 1,026,880 | 540,421 | 1,232,945 | 17,554 | 101,306 | 188,552 | 46,879 | 10,718,394 | 3,049,743 | 13,768,137 |
| 1880..... | 206,359 | 226,477 | 7,931,422 | 70,350 | 107,151 | 233,347 | 1,089,340 | 619,119 | 1,234,998 | 24,449 | 104,473 | 228,496 | 35,179 | 12,111,160 | 3,140,169 | 15,251,329 |
| 1881..... | 195,907 | 274,534 | 8,457,797 | 66,947 | 120,490 | 304,809 | 1,172,563 | 658,861 | 1,035,078 | 14,455 | 92,421 | 277,163 | 40,367 | 12,711,392 | 2,919,149 | 15,630,541 |
| 1882..... | 166,374 | 327,039 | 7,679,979 | 68,879 | 157,244 | 376,293 | 1,252,184 | 435,253 | 830,200 | 17,896 | 71,125 | 261,205 | 44,538 | 11,688,209 | 2,968,290 | 14,656,499 |
| 1883..... | 147,848 | 327,539 | 6,775,526 | 98,954 | 165,976 | 376,890 | 1,126,113 | 417,728 | 694,240 | 19,493 | 71,950 | 254,422 | 49,497 | 10,526,176 | 2,834,681 | 13,360,857 |
| 1884..... | 129,211 | 277,817 | 5,925,231 | 70,732 | 119,338 | 308,087 | 1,064,142 | 343,077 | 684,514 | 21,114 | 66,755 | 209,349 | 44,907 | 9,264,364 | 2,820,792 | 12,085,156 |
| 1885..... | 97,140 | 286,861 | 6,224,388 | 80,202 | 109,077 | 269,810 | 1,082,720 | 355,286 | 714,178 | 20,223 | 54,618 | 225,567 | 58,210 | 9,578,280 | 2,709,212 | 12,287,492 |
| 1886..... | 84,893 | 294,456 | 6,191,211 | 65,946 | 124,645 | 257,281 | 997,233 | 373,362 | 697,409 | 19,851 | 64,085 | 238,421 | 59,211 | 9,468,004 | 2,761,795 | 12,229,799 |
| 1887..... | 87,011 | 280,769 | 7,108,666 | 60,671 | 129,435 | 375,113 | 1,075,065 | 419,290 | 730,152 | 24,163 | 59,909 | 256,419 | 54,116 | 10,660,779 | 2,870,036 | 13,531,715 |
| 1888..... | 59,093 | 302,748 | 6,673,122 | 58,665 | 141,472 | 384,875 | 1,077,881 | 288,291 | 669,403 | 18,154 | 46,320 | 233,149 | 88,988 | 10,042,161 | 2,913,998 | 12,956,159 |
| 1889..... | 56,197 | 282,625 | 6,810,472 | 54,880 | 166,626 | 319,982 | 1,133,529 | 291,501 | 671,957 | 16,179 | 31,235 | 257,688 | 90,944 | 10,183,815 | 3,127,837 | 13,311,652 |
| 1890..... | 62,096 | 299,653 | 8,114,543 | 43,822 | 163,863 | 335,754 | 1,319,804 | 298,853 | 824,236 | 28,626 | 43,031 | 309,287 | 117,452 | 11,961,020 | 3,404,584 | 15,365,604 |
| 1891..... | 43,001 | 312,975 | 7,598,665 | 66,445 | 218,695 | 356,538 | 1,486,242 | 294,953 | 796,100 | 40,035 | 50,427 | 342,874 | 116,889 | 11,723,839 | 3,670,372 | 15,394,211 |
| 1892..... | 34,234 | 299,405 | 9,820,486 | 82,087 | 370,705 | 374,970 | 1,605,607 | 304,899 | 1,019,015 | 38,651 | 57,340 | 312,814 | 113,616 | 14,433,829 | 3,746,651 | 18,180,480 |
| 1893..... | 34,674 | 302,464 | 8,634,222 | 87,429 | 378,056 | 361,702 | 1,605,804 | 276,127 | 977,010 | 53,843 | 56,813 | 314,463 | 102,941 | 13,185,548 | 3,493,242 | 16,678,790 |

**No. 193.**—NATIONALITY OF THE FOREIGN TONNAGE AND TOTAL AMERICAN TONNAGE CLEARED FROM SEAPORTS OF THE UNITED STATES FOR FOREIGN COUNTRIES DURING EACH YEAR ENDING JUNE 30, FROM 1866 TO 1893, INCLUSIVE.

| Year ending June 30— | Austrian. | Belgian. | British. | Danish. | Dutch. | French. | German. | Italian. | Norwegian and Swedish. | Portuguese. | Russian. | Spanish. | All other foreign. | TOTAL FOREIGN. | American. | GRAND TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1866 | 6,970 | 1,822 | 2,476,039 | 13,243 | 12,662 | 58,799 | 407,916 | 36,706 | 54,589 | 5,786 | 12,739 | 22,281 | 21,525 | 3,131,077 | 2,029,755 | 5,160,832 |
| 1867 | 8,456 | 752 | 2,488,044 | 10,107 | 11,669 | 77,768 | 451,880 | 52,549 | 64,832 | 7,891 | 11,006 | 22,050 | 23,388 | 3,230,392 | 2,270,096 | 5,500,488 |
| 1868 | 8,155 | 3,457 | 2,372,965 | 11,320 | 13,986 | 70,800 | 509,703 | 34,883 | 72,528 | 4,352 | 15,839 | 39,209 | 29,003 | 3,186,200 | 2,625,031 | 5,811,231 |
| 1869 | 5,721 | 5,136 | 2,649,696 | 12,222 | 12,411 | 96,369 | 611,158 | 43,597 | 100,288 | 4,112 | 11,826 | 25,754 | 33,848 | 3,612,138 | 2,502,200 | 6,114,338 |
| 1870 | 14,143 | 654 | 2,773,378 | 13,521 | 15,965 | 80,098 | 691,801 | 51,795 | 112,224 | 10,547 | 8,304 | 30,167 | 26,433 | 3,832,030 | 2,520,598 | 6,361,628 |
| 1871 | 9,715 | 2,869 | 3,342,603 | 16,667 | 13,379 | 96,882 | 460,214 | 53,567 | 156,761 | 11,709 | 16,196 | 80,718 | 21,681 | 4,282,961 | 2,634,841 | 6,917,802 |
| 1872 | 22,193 | 6,631 | 3,682,766 | 18,597 | 17,563 | 118,034 | 782,570 | 96,934 | 237,715 | 12,191 | 24,454 | 94,788 | 26,711 | 5,141,147 | 2,597,611 | 7,738,758 |
| 1873 | 68,115 | 16,752 | 4,053,311 | 23,402 | 39,712 | 123,072 | 827,339 | 159,771 | 386,758 | 13,189 | 55,122 | 130,874 | 43,432 | 5,910,849 | 2,574,021 | 8,514,870 |
| 1874 | 149,827 | 43,416 | 4,395,197 | 21,220 | 44,564 | 145,390 | 1,079,989 | 330,399 | 662,891 | 15,569 | 75,002 | 92,133 | 41,350 | 7,096,947 | 2,961,103 | 10,058,050 |
| 1875 | 108,505 | 81,855 | 3,971,229 | 15,010 | 71,254 | 138,753 | 909,527 | 283,448 | 475,590 | 13,296 | 60,580 | 99,910 | 50,385 | 6,279,345 | 3,061,354 | 9,340,699 |
| 1876 | 155,534 | 93,412 | 4,261,644 | 18,599 | 60,272 | 165,735 | 820,584 | 284,488 | 693,564 | 18,790 | 73,235 | 122,542 | 33,697 | 6,802,096 | 3,037,362 | 9,839,458 |
| 1877 | 162,380 | 92,600 | 4,467,691 | 23,174 | 60,091 | 238,175 | 866,140 | 396,117 | 726,007 | 18,603 | 70,370 | 184,468 | 39,020 | 7,345,436 | 3,043,158 | 10,388,594 |
| 1878 | 231,972 | 124,414 | 5,215,101 | 22,126 | 74,760 | 223,383 | 933,316 | 596,376 | 887,777 | 22,888 | 66,804 | 198,260 | 49,903 | 8,617,080 | 3,196,491 | 11,813,571 |
| 1879 | 199,544 | 164,788 | 6,744,018 | 42,734 | 93,802 | 246,921 | 1,022,061 | 522,983 | 1,169,853 | 20,616 | 101,502 | 167,947 | 48,634 | 10,545,403 | 3,071,287 | 13,616,690 |
| 1880 | 218,257 | 230,920 | 7,875,713 | 72,979 | 112,105 | 237,750 | 1,133,440 | 644,360 | 1,294,056 | 20,339 | 110,938 | 231,371 | 35,745 | 12,217,973 | 3,077,724 | 15,295,697 |
| 1881 | 189,175 | 270,112 | 8,499,599 | 73,655 | 127,369 | 304,934 | 1,190,899 | 613,214 | 1,064,452 | 16,147 | 97,596 | 261,330 | 45,971 | 12,754,453 | 3,039,544 | 15,793,997 |
| 1882 | 181,625 | 324,734 | 7,803,675 | 84,400 | 159,643 | 386,039 | 1,241,814 | 465,314 | 850,766 | 20,033 | 71,973 | 276,737 | 44,203 | 11,910,956 | 2,935,512 | 14,846,468 |
| 1883 | 158,758 | 324,747 | 6,888,635 | 103,378 | 156,926 | 348,717 | 1,143,961 | 440,677 | 711,224 | 19,246 | 71,053 | 256,061 | 46,562 | 10,669,945 | 2,895,077 | 13,565,022 |
| 1884 | 131,329 | 258,263 | 5,990,660 | 69,389 | 121,353 | 320,238 | 1,064,136 | 343,434 | 687,978 | 21,115 | 75,073 | 223,154 | 54,482 | 9,360,610 | 2,845,109 | 12,205,719 |
| 1885 | 98,781 | 264,069 | 6,347,330 | 82,721 | 115,496 | 268,694 | 1,082,877 | 350,960 | 718,677 | 20,144 | 61,264 | 217,518 | 59,149 | 9,687,700 | 2,808,575 | 12,496,275 |
| 1886 | 97,615 | 276,342 | 6,313,621 | 59,829 | 145,559 | 241,554 | 1,003,522 | 367,916 | 682,806 | 18,923 | 58,898 | 253,556 | 86,835 | 9,606,976 | 2,806,259 | 12,413,235 |
| 1887 | 84,946 | 268,854 | 7,282,168 | 59,644 | 130,487 | 372,285 | 1,060,416 | 379,790 | 716,100 | 18,852 | 60,105 | 251,598 | 54,772 | 10,740,017 | 2,770,518 | 13,510,535 |
| 1888 | 70,755 | 287,146 | 6,829,084 | 60,780 | 145,462 | 396,460 | 1,102,598 | 317,813 | 685,632 | 20,505 | 48,551 | 253,908 | 89,290 | 10,307,984 | 2,944,213 | 13,252,197 |
| 1889 | 60,829 | 280,791 | 6,930,289 | 54,690 | 167,051 | 325,913 | 1,138,125 | 291,848 | 676,680 | 16,191 | 30,864 | 267,936 | 86,104 | 10,329,311 | 3,342,350 | 13,671,661 |
| 1890 | 61,460 | 295,899 | 8,158,137 | 58,790 | 158,147 | 327,292 | 1,316,247 | 328,277 | 822,821 | 29,967 | 47,056 | 310,642 | 124,297 | 12,039,032 | 3,390,017 | 15,429,049 |
| 1891 | 39,244 | 320,437 | 7,614,310 | 64,948 | 206,126 | 357,053 | 1,464,770 | 283,585 | 787,745 | 35,300 | 55,245 | 343,226 | 122,638 | 11,694,627 | 3,716,083 | 15,410,710 |
| 1892 | 31,128 | 295,868 | 9,837,821 | 53,160 | 374,603 | 379,054 | 1,628,808 | 313,108 | 1,021,109 | 41,296 | 57,181 | 335,151 | 109,828 | 14,507,115 | 3,751,050 | 18,258,165 |
| 1893 | 44,140 | 307,670 | 8,666,034 | 86,387 | 380,212 | 365,457 | 1,626,616 | 284,186 | 977,283 | 50,366 | 62,505 | 332,066 | 105,428 | 13,288,350 | 3,537,181 | 16,825,481 |

**No. 194.—Tonnage of American and foreign vessels entered at the principal and other seaports of the United States from foreign countries, from 1866 to 1893, inclusive.**

| Year ending June 30— | Portland, Me. | Boston, Mass. | New York, N. Y. | Philadelphia, Pa. | Baltimore, Md. | Charleston, S. C. | Savannah, Ga. | Mobile, Ala. | New Orleans, La. | Galveston, Tex. | San Francisco, Cal. | All other seaports. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1866 | 151,625 | 725,424 | 2,697,325 | 222,952 | 132,836 | 19,113 | 35,407 | 68,710 | 228,339 | 11,129 | 838,130 | 377,497 | 5,008,487 |
| 1867 | 147,729 | 731,930 | 2,754,005 | 286,735 | 203,618 | 29,077 | 39,982 | 47,577 | 253,729 | 19,767 | 310,896 | 441,341 | 5,266,386 |
| 1868 | 170,641 | 642,478 | 2,865,252 | 278,440 | 216,727 | 43,790 | 84,188 | 88,544 | 326,216 | 23,654 | 413,673 | 417,918 | 5,571,521 |
| 1869 | 134,805 | 779,371 | 3,101,691 | 292,595 | 225,302 | 29,691 | 81,974 | 61,210 | 381,882 | 26,515 | 443,735 | 473,209 | 6,031,980 |
| 1870 | 175,175 | 793,927 | 3,093,186 | 300,006 | 272,290 | 36,332 | 86,110 | 70,249 | 458,447 | 31,555 | 393,983 | 558,929 | 6,270,189 |
| 1871 | 161,177 | 836,104 | 3,413,436 | 369,616 | 315,734 | 48,104 | 142,902 | 103,822 | 506,797 | 66,094 | 353,493 | 616,918 | 6,994,197 |
| 1872 | 173,427 | 881,486 | 3,969,339 | 417,911 | 368,136 | 43,576 | 139,523 | 55,895 | 501,965 | 53,799 | 423,572 | 741,357 | 7,769,986 |
| 1873 | 215,340 | 819,819 | 4,211,624 | 466,817 | 397,167 | 48,040 | 135,456 | 47,139 | 522,791 | 74,015 | 548,477 | 908,064 | 8,394,749 |
| 1874 | 213,351 | 730,769 | 5,049,618 | 657,045 | 558,599 | 89,424 | 223,547 | 53,666 | 630,945 | 127,708 | 554,191 | 1,120,792 | 10,009,655 |
| 1875 | 244,565 | 768,678 | 4,421,074 | 582,295 | 561,314 | 102,023 | 185,046 | 48,352 | 454,006 | 91,913 | 720,438 | 963,434 | 9,143,138 |
| 1876 | 209,558 | 637,738 | 4,467,139 | 844,294 | 667,857 | 113,170 | 209,589 | 87,752 | 599,582 | 88,536 | 621,382 | 1,169,307 | 9,715,904 |
| 1877 | 184,104 | 752,391 | 4,672,300 | 810,633 | 921,118 | 140,202 | 202,969 | 86,872 | 603,183 | 99,386 | 724,508 | 1,208,822 | 10,406,488 |
| 1878 | 133,487 | 938,102 | 5,545,026 | 853,027 | 951,521 | 121,859 | 222,725 | 74,946 | 718,163 | 72,611 | 624,040 | 1,275,020 | 11,530,527 |
| 1879 | 109,994 | 1,137,632 | 6,661,826 | 1,315,649 | 1,374,554 | 160,669 | 238,174 | 59,166 | 652,789 | 135,500 | 639,536 | 1,282,648 | 13,768,137 |
| 1880 | 122,723 | 1,347,447 | 7,611,282 | 1,391,312 | 1,502,713 | 116,283 | 183,895 | 61,471 | 760,910 | 117,972 | 704,054 | 1,321,267 | 15,251,329 |
| 1881 | 157,556 | 1,565,926 | 7,506,552 | 1,076,035 | 1,365,865 | 156,506 | 219,584 | 82,901 | 963,835 | 215,311 | 806,719 | 1,513,781 | 15,630,541 |
| 1882 | 176,789 | 1,416,231 | 7,360,843 | 1,055,961 | 852,575 | 93,530 | 131,353 | 59,219 | 620,072 | 141,743 | 1,116,903 | 1,631,280 | 14,656,499 |
| 1883 | 180,813 | 1,344,515 | 6,448,837 | 857,292 | 893,774 | 134,516 | 140,209 | 67,790 | 734,791 | 153,614 | 887,798 | 1,516,908 | 13,360,857 |
| 1884 | 171,649 | 1,186,871 | 5,658,871 | 776,927 | 627,344 | 106,465 | 155,721 | 116,264 | 684,231 | 124,094 | 884,560 | 1,592,159 | 12,085,156 |
| 1885 | 132,558 | 1,152,415 | 5,659,733 | 1,038,167 | 627,418 | 124,785 | 181,263 | 89,558 | 656,931 | 95,563 | 881,299 | 1,647,802 | 12,287,492 |
| 1886 | 142,065 | 1,184,108 | 5,558,938 | 1,155,066 | 521,470 | 114,799 | 170,327 | 84,185 | 703,620 | 124,192 | 774,690 | 1,696,339 | 12,229,799 |
| 1887 | 152,197 | 1,282,159 | 6,087,110 | 1,290,762 | 692,762 | 104,443 | 179,008 | 54,514 | 720,404 | 117,102 | 965,054 | 1,886,100 | 13,531,715 |
| 1888 | 89,543 | 1,335,906 | 5,683,371 | 1,170,528 | 534,218 | 71,669 | 137,969 | 63,539 | 721,128 | 103,446 | 955,319 | 2,089,503 | 12,956,159 |
| 1889 | 110,999 | 1,399,384 | 5,596,821 | 1,104,032 | 480,874 | 82,336 | 152,515 | 87,281 | 770,047 | 99,548 | 1,048,703 | 2,379,112 | 13,311,652 |
| 1890 | 107,993 | 1,404,828 | 6,258,222 | 1,410,640 | 815,239 | 86,710 | 246,626 | 126,576 | 1,019,522 | 173,473 | 1,030,538 | 2,653,237 | 15,365,604 |
| 1891 | 89,690 | 1,502,215 | 6,452,877 | 1,351,466 | 711,833 | 94,869 | 182,260 | 103,284 | 885,785 | 168,058 | 1,095,776 | 2,756,098 | 15,394,211 |
| 1892 | 108,830 | 1,664,713 | 7,304,015 | 1,733,047 | 1,129,447 | 113,548 | 269,781 | 131,262 | 1,222,261 | 241,198 | 1,290,561 | 2,971,814 | 18,180,460 |
| 1893 | 106,388 | 1,631,934 | 7,015,030 | 1,622,482 | 785,172 | 83,308 | 235,742 | 191,809 | 936,905 | 236,118 | 1,108,316 | 2,725,586 | 16,678,790 |

## No. 195.—Tonnage of American and foreign vessels cleared from the principal and other seaports of the United States for foreign countries, from 1866 to 1893, inclusive.

| Year ending June 30— | Portland, Me. | Boston, Mass. | New York, N. Y. | Philadelphia, Pa. | Baltimore, Md. | Charleston, S. C. | Savannah, Ga. | Mobile, Ala. | New Orleans, La. | Galveston, Tex. | San Francisco, Cal. | All other seaports. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1866 | 172, 262 | 686, 544 | 2, 508, 885 | 230, 815 | 140, 989 | 26, 720 | 53, 484 | 127, 150 | 315, 738 | 18, 223 | 364, 009 | 516, 013 | 5, 160, 832 |
| 1867 | 199, 041 | 689, 791 | 2, 639, 462 | 295, 516 | 176, 521 | 42, 955 | 71, 417 | 76, 744 | 368, 213 | 31, 477 | 364, 085 | 545, 266 | 5, 500, 488 |
| 1868 | 222, 634 | 595, 018 | 2, 752, 815 | 297, 089 | 214, 205 | 49, 181 | 134, 505 | 109, 878 | 400, 133 | 29, 116 | 480, 038 | 526, 619 | 5, 811, 231 |
| 1869 | 208, 898 | 624, 999 | 2, 903, 589 | 271, 511 | 217, 499 | 37, 709 | 107, 437 | 73, 895 | 411, 430 | 36, 583 | 524, 564 | 636, 225 | 6, 114, 338 |
| 1870 | 229, 782 | 570, 233 | 2, 971, 924 | 282, 639 | 246, 569 | 52, 812 | 136, 437 | 79, 738 | 561, 458 | 52, 701 | 493, 555 | 683, 780 | 6, 361, 628 |
| 1871 | 210, 876 | 602, 553 | 3, 252, 539 | 330, 743 | 264, 880 | 74, 539 | 201, 997 | 120, 013 | 622, 826 | 79, 157 | 410, 252 | 747, 427 | 6, 917, 802 |
| 1872 | 241, 698 | 750, 421 | 3, 748, 516 | 405, 312 | 346, 327 | 56, 225 | 141, 386 | 57, 492 | 537, 715 | 60, 504 | 481, 798 | 911, 364 | 7, 738, 758 |
| 1873 | 279, 582 | 703, 974 | 4, 087, 261 | 450, 199 | 411, 161 | 65, 500 | 159, 266 | 55, 649 | 566, 941 | 89, 758 | 630, 476 | 1, 015, 103 | 8, 514, 870 |
| 1874 | 280, 738 | 659, 102 | 4, 837, 218 | 689, 230 | 524, 847 | 102, 641 | 185, 435 | 53, 960 | 658, 513 | 148, 887 | 596, 523 | 1, 320, 956 | 10, 058, 050 |
| 1875 | 320, 412 | 632, 873 | 4, 311, 433 | 624, 185 | 555, 468 | 119, 274 | 167, 397 | 58, 950 | 523, 584 | 127, 579 | 747, 009 | 1, 152, 505 | 9, 340, 699 |
| 1876 | 283, 929 | 577, 515 | 4, 282, 377 | 826, 054 | 685, 626 | 126, 874 | 169, 181 | 98, 474 | 635, 373 | 105, 753 | 665, 649 | 1, 382, 653 | 9, 839, 458 |
| 1877 | 246, 918 | 701, 500 | 4, 452, 595 | 802, 306 | 840, 401 | 153, 998 | 144, 779 | 90, 265 | 607, 553 | 103, 291 | 827, 205 | 1, 417, 783 | 10, 388, 594 |
| 1878 | 202, 149 | 797, 624 | 5, 638, 353 | 905, 990 | 1, 004, 848 | 135, 349 | 166, 429 | 79, 845 | 749, 508 | 82, 298 | 615, 681 | 1, 465, 497 | 11, 843, 571 |
| 1879 | 171, 797 | 1, 025, 280 | 6, 404, 847 | 1, 221, 048 | 1, 345, 747 | 170, 143 | 193, 014 | 57, 518 | 666, 037 | 128, 399 | 748, 119 | 1, 484, 741 | 13, 616, 690 |
| 1880 | 198, 298 | 1, 235, 752 | 7, 429, 802 | 1, 240, 364 | 1, 491, 060 | 148, 218 | 170, 092 | 69, 181 | 858, 765 | 99, 007 | 777, 595 | 1, 577, 563 | 15, 295, 697 |
| 1881 | 217, 190 | 1, 515, 958 | 7, 513, 608 | 1, 004, 557 | 1, 350, 446 | 194, 672 | 209, 549 | 83, 370 | 1, 033, 199 | 183, 349 | 856, 319 | 1, 631, 780 | 15, 793, 997 |
| 1882 | 235, 773 | 1, 305, 172 | 7, 263, 174 | 969, 163 | 802, 627 | 158, 002 | 162, 144 | 69, 034 | 661, 498 | 115, 579 | 1, 200, 419 | 1, 903, 883 | 14, 846, 468 |
| 1883 | 241, 389 | 1, 163, 136 | 6, 327, 690 | 791, 367 | 930, 452 | 171, 028 | 172, 335 | 71, 237 | 765, 934 | 166, 459 | 936, 681 | 1, 827, 314 | 13, 565, 022 |
| 1884 | 257, 130 | 1, 031, 462 | 5, 423, 958 | 660, 338 | 676, 516 | 140, 187 | 171, 018 | 117, 052 | 683, 860 | 134, 941 | 884, 814 | 2, 024, 443 | 12, 205, 719 |
| 1885 | 203, 905 | 975, 495 | 5, 440, 724 | 921, 276 | 739, 024 | 148, 754 | 180, 889 | 96, 710 | 674, 766 | 89, 536 | 973, 231 | 2, 051, 965 | 12, 496, 275 |
| 1886 | 195, 948 | 1, 018, 921 | 5, 388, 335 | 895, 486 | 607, 868 | 134, 769 | 176, 934 | 96, 518 | 675, 871 | 129, 628 | 820, 187 | 2, 272, 770 | 12, 413, 235 |
| 1887 | 192, 249 | 1, 083, 336 | 5, 779, 691 | 981, 840 | 815, 638 | 120, 108 | 198, 493 | 64, 327 | 656, 174 | 136, 861 | 917, 545 | 2, 564, 273 | 13, 510, 535 |
| 1888 | 142, 225 | 1, 091, 170 | 5, 547, 442 | 879, 070 | 683, 446 | 116, 884 | 198, 021 | 86, 324 | 727, 520 | 118, 118 | 938, 157 | 2, 723, 820 | 13, 252, 197 |
| 1889 | 179, 220 | 1, 224, 445 | 5, 454, 415 | 874, 051 | 670, 269 | 105, 546 | 165, 974 | 83, 841 | 766, 204 | 109, 329 | 1, 064, 738 | 2, 973, 629 | 13, 671, 661 |
| 1890 | 152, 803 | 1, 208, 507 | 6, 025, 518 | 1, 119, 454 | 1, 124, 262 | 120, 969 | 255, 343 | 127, 436 | 1, 015, 550 | 170, 102 | 1, 080, 974 | 3, 028, 131 | 15, 429, 049 |
| 1891 | 123, 380 | 1, 226, 817 | 6, 048, 784 | 991, 963 | 901, 957 | 153, 984 | 265, 531 | 121, 075 | 881, 757 | 202, 184 | 1, 068, 283 | 3, 424, 995 | 15, 410, 710 |
| 1892 | 158, 390 | 1, 406, 539 | 7, 140, 393 | 1, 407, 218 | 1, 384, 035 | 121, 619 | 282, 885 | 149, 513 | 1, 250, 281 | 267, 971 | 1, 180, 105 | 3, 419, 216 | 18, 258, 165 |
| 1893 | 150, 416 | 1, 330, 110 | 6, 039, 433 | 1, 383, 384 | 1, 114, 454 | 84, 658 | 260, 036 | 199, 256 | 999, 284 | 282, 111 | 1, 134, 277 | 3, 248, 064 | 16, 825, 481 |

## No. 196.—Tonnage of AMERICAN and FOREIGN VESSELS ENTERED at Seaports of the United States from the Principal and other FOREIGN COUNTRIES, from 1870 to 1893, inclusive.

| Year ending June 30— | Belgium. | Brasil. | China, including Hongkong. | France. | Germany. | Italy. | Mexico. | Netherlands. | Spain. | Cuba. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1870 a | 53,015 | 135,905 | 60,995 | 164,641 | 574,069 | 139,024 | 70,242 | 27,112 | 63,069 | 884,330 |
| 1871 | 80,871 | 171,384 | 62,675 | 180,633 | 428,469 | 148,055 | 74,454 | 28,319 | 70,146 | 891,082 |
| 1872 | 102,319 | 139,459 | 82,220 | 219,888 | 680,643 | 153,140 | 66,591 | 51,545 | 65,182 | 908,150 |
| 1873 | 113,239 | 167,783 | 129,977 | 249,211 | 743,975 | 158,242 | 83,119 | 69,906 | 83,260 | 1,030,276 |
| 1874 | 246,330 | 226,558 | 78,717 | 395,257 | 966,473 | 201,928 | 96,074 | 162,647 | 83,687 | 1,188,555 |
| 1875 | 221,025 | 248,184 | 78,059 | 293,594 | 797,559 | 214,250 | 103,627 | 128,971 | 77,330 | 1,124,897 |
| 1876 | 250,263 | 221,047 | 83,408 | 464,678 | 755,783 | 216,083 | 129,659 | 152,901 | 119,652 | 1,028,763 |
| 1877 | 268,957 | 212,238 | 96,630 | 542,489 | 842,620 | 195,288 | 118,440 | 179,386 | 146,523 | 951,667 |
| 1878 | 286,723 | 232,040 | 186,680 | 593,410 | 838,085 | 302,213 | 121,403 | 180,032 | 165,697 | 1,008,708 |
| 1879 | 440,181 | 353,856 | 177,416 | 1,091,375 | 978,816 | 333,523 | 133,092 | 275,437 | 233,678 | 1,132,553 |
| 1880 | 527,275 | 411,473 | 167,185 | 1,111,847 | 963,743 | 357,766 | 139,641 | 250,998 | 268,823 | 1,130,587 |
| 1881 | 495,385 | 402,851 | 198,511 | 1,012,965 | 1,024,374 | 351,249 | 222,900 | 277,245 | 330,366 | 1,156,278 |
| 1882 | 576,354 | 380,295 | 201,031 | 713,089 | 1,189,042 | 292,914 | 298,618 | 254,447 | 330,330 | 1,171,749 |
| 1883 | 504,076 | 335,788 | 188,302 | 605,879 | 1,053,920 | 271,931 | 271,805 | 260,576 | 426,384 | 1,083,793 |
| 1884 | 411,033 | 414,079 | 158,302 | 462,686 | 973,942 | 326,541 | 246,452 | 206,962 | 447,987 | 957,092 |
| 1885 | 485,306 | 449,105 | 143,412 | 460,601 | 999,930 | 403,025 | 207,906 | 179,279 | 194,076 | 908,860 |
| 1886 | 445,308 | 396,197 | 134,326 | 447,861 | 944,900 | 413,721 | 197,814 | 234,678 | 270,216 | 945,898 |
| 1887 | 490,038 | 399,898 | 180,370 | 586,265 | 1,055,005 | 440,243 | 181,570 | 261,411 | 404,711 | 1,017,626 |
| 1888 | 494,626 | 389,793 | 154,661 | 478,327 | 990,279 | 390,684 | 180,902 | 244,358 | 322,595 | 958,896 |
| 1889 | 437,329 | 516,042 | 160,587 | 364,271 | 1,115,100 | 322,504 | 178,764 | 204,880 | 170,432 | 1,013,677 |
| 1890 | 457,718 | 514,597 | 148,730 | 374,536 | 1,361,849 | 397,944 | 212,721 | 200,897 | 348,669 | 1,185,616 |
| 1891 | 463,595 | 476,120 | 160,062 | 377,602 | 1,594,223 | 463,989 | 216,633 | 261,017 | 328,170 | 1,267,543 |
| 1892 | 636,943 | 553,317 | 160,847 | 630,086 | 1,664,449 | 506,968 | 203,241 | 463,552 | 325,741 | 1,452,672 |
| 1893 | 558,953 | 481,311 | 154,198 | 436,271 | 1,492,328 | 560 445 | 306,396 | 514,240 | 238,982 | 1,622,194 |

a No detailed statement of the trade of each port with foreign countries was published for this year, which renders it impossible to determine what amount of the tonnage of each foreign country, if any, may have entered at lake ports. The whole amount of tonnage from the countries herein enumerated has therefore been credited to seaports.

## No. 196.—Tonnage of American and foreign vessels entered, by countries, etc., from 1870 to 1893—Continued.

| Year ending June 30— | United Kingdom and Dependencies. | | | | | Colombia. | All other countries. | Total. |
|---|---|---|---|---|---|---|---|---|
| | United Kingdom. | Nova Scotia, New Brunswick, and Prince Edward Island. | British Columbia. | British West Indies and British Honduras. | British Possessions in Australasia. | | | |
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1870 *a* | 2,144,196 | 690,586 | 79,034 | 147,831 | 73,288 | 189,281 | 764,571 | 6,270,189 |
| 1871 | 2,722,416 | 730,667 | 98,973 | 163,882 | 48,715 | 160,675 | 932,781 | 6,994,197 |
| 1872 | 3,093,724 | 750,239 | 115,172 | 167,007 | 61,114 | 163,037 | 950,556 | 7,769,986 |
| 1873 | 3,163,643 | 738,622 | 124,186 | 188,774 | 77,498 | 200,255 | 1,067,783 | 8,394,749 |
| 1874 | 3,884,907 | 773,022 | 140,018 | 184,969 | 115,278 | 214,783 | 1,049,952 | 10,009,655 |
| 1875 | 3,214,664 | 684,995 | 162,084 | 187,360 | 203,702 | 259,732 | 1,143,105 | 9,143,138 |
| 1876 | *b* 3,815,665 | 572,836 | 269,132 | 227,863 | 149,142 | 221,137 | 1,037,892 | 9,715,904 |
| 1877 | 4,298,430 | 604,535 | 289,285 | 258,619 | 197,807 | 186,809 | 1,016,765 | 10,406,488 |
| 1878 | 4,929,834 | 626,182 | 317,191 | 264,560 | 148,753 | 201,122 | 1,127,894 | 11,530,527 |
| 1879 | 5,585,371 | 584,215 | 326,607 | 284,348 | 163,553 | 220,812 | 1,448,304 | 13,768,137 |
| 1880 | 6,326,849 | 686,105 | 341,652 | 354,397 | 199,757 | 230,807 | 1,782,474 | 15,251,329 |
| 1881 | 6,436,115 | 780,545 | 333,606 | 340,263 | 146,495 | 225,610 | 1,840,788 | 15,630,541 |
| 1882 | 5,368,142 | 816,897 | 382,800 | 401,874 | 223,227 | 262,161 | 1,793,526 | 14,656,499 |
| 1883 | 4,571,597 | 838,384 | 378,325 | 433,332 | 208,656 | 282,316 | 1,635,293 | 13,360,857 |
| 1884 | 3,662,149 | 763,588 | 499,876 | 451,813 | 232,278 | 205,115 | 1,670,261 | 12,085,156 |
| 1885 | 3,809,868 | 693,301 | 559,463 | 500,000 | 211,708 | 228,447 | 1,853,205 | 12,287,492 |
| 1886 | 3,632,804 | 769,250 | 556,211 | 534,312 | 295,839 | 224,797 | 1,786,167 | 12,229,799 |
| 1887 | 4,046,262 | 837,346 | 547,844 | 504,530 | 348,509 | 298,199 | 1,941,888 | 13,531,715 |
| 1888 | 3,675,822 | 896,071 | 344,032 | 543,916 | 265,137 | 253,007 | 1,873,051 | 12,956,159 |
| 1889 | 3,595,544 | 855,105 | 999,597 | 662,512 | 382,423 | 203,847 | 2,129,038 | 13,311,652 |
| 1890 | 4,190,295 | 898,739 | 1,137,389 | 767,250 | 285,036 | 177,414 | 2,711,204 | 15,365,604 |
| 1891 | 4,056,828 | 1,041,715 | 1,372,857 | 676,521 | 200,225 | 200,622 | 2,227,484 | 15,394,211 |
| 1892 | 6,036,030 | 964,351 | 1,359,882 | *c* 595,519 | 310,148 | 214,543 | 2,102,192 | 18,180,480 |
| 1893 | 4,834,369 | 987,436 | 1,194,366 | *c* 706,657 | 245,179 | 274,071 | 2,069,409 | 16,678,790 |

*a* No detailed statement of the trade of each port with foreign countries was published for this year, which renders it impossible to determine what amount of the tonnage of each foreign country, if any, may have entered at lake ports. The whole amount of tonnage from the countries herein enumerated has therefore been credited to seaports.

*b* A small portion of the tonnage from the United Kingdom during this year entered at lake ports and has been deducted from the total tonnage entered from that nation, which will account for the apparent discrepancy between these figures and those of the regular annual statement of navigation for 1876.

*c* Includes Bermuda.

## No. 197.—Tonnage of AMERICAN and FOREIGN VESSELS CLEARED from Seaports of the United States for the Principal and other FOREIGN COUNTRIES, from 1870 to 1893, inclusive.

| Year ending June 30— | Belgium. | Brazil. | China, including Hongkong. | France. | Germany. | Italy. | Mexico. | Netherlands. | Spain. | Cuba. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1870 a | 81,463 | 92,813 | 44,098 | 277,440 | 625,198 | 46,795 | 69,112 | 57,274 | 80,462 | 714,766 |
| 1871 | 128,414 | 94,344 | 27,100 | 193,287 | 541,170 | 55,254 | 65,962 | 104,053 | 100,481 | 595,213 |
| 1872 | 137,797 | 86,185 | 46,801 | 285,776 | 723,516 | 48,767 | 49,344 | 93,411 | 93,141 | 665,966 |
| 1873 | 149,668 | 111,296 | 20,076 | 282,254 | 890,025 | 61,940 | 51,557 | 112,148 | 110,315 | 647,831 |
| 1874 | 284,476 | 117,909 | 28,888 | 393,371 | 1,075,217 | 77,976 | 64,122 | 195,737 | 119,027 | 809,599 |
| 1875 | 220,769 | 144,148 | 33,270 | 317,174 | 892,782 | 79,943 | 84,460 | 135,185 | 96,756 | 843,838 |
| 1876 | 257,716 | 117,523 | 35,966 | 413,874 | 806,721 | 88,209 | 89,459 | 178,871 | 118,782 | 632,503 |
| 1877 | 275,802 | 105,159 | 48,700 | 514,352 | 918,187 | 94,436 | 79,323 | 147,459 | 136,892 | 582,510 |
| 1878 | 372,495 | 125,207 | 122,115 | 663,631 | 944,701 | 126,858 | 90,373 | 239,080 | 132,129 | 607,441 |
| 1879 | 543,366 | 164,490 | 97,124 | 1,443,809 | 1,103,695 | 139,280 | 105,476 | 274,251 | 189,082 | 713,957 |
| 1880 | 661,465 | 158,867 | 89,755 | 1,557,604 | 1,185,408 | 241,089 | 128,009 | 300,205 | 232,028 | 698,807 |
| 1881 | 693,506 | 172,846 | 121,817 | 1,326,946 | 1,315,411 | 130,113 | 163,970 | 446,411 | 192,550 | 742,539 |
| 1882 | 581,832 | 194,915 | 150,186 | 849,880 | 1,331,528 | 142,894 | 210,320 | 294,092 | 180,332 | 831,762 |
| 1883 | 554,573 | 176,855 | 152,799 | 824,142 | 1,186,028 | 141,963 | 214,874 | 325,932 | 220,503 | 632,097 |
| 1884 | 479,798 | 172,691 | 113,898 | 694,261 | 1,126,183 | 167,709 | 184,382 | 287,175 | 178,792 | 579,075 |
| 1885 | 523,970 | 138,895 | 157,291 | 686,083 | 1,135,635 | 183,986 | 172,326 | 273,478 | 185,400 | 577,322 |
| 1886 | 488,250 | 183,599 | 180,198 | 675,625 | 1,123,314 | 195,307 | 165,041 | 304,592 | 172,071 | 598,934 |
| 1887 | 586,064 | 172,086 | 128,285 | 986,415 | 1,215,339 | 221,924 | 153,988 | 353,023 | 187,829 | 713,717 |
| 1888 | 538,270 | 147,309 | 140,084 | 761,267 | 1,125,175 | 203,801 | 171,738 | 336,679 | 196,715 | 698,689 |
| 1889 | 441,459 | 167,345 | 160,063 | 754,028 | 1,248,152 | 163,224 | 151,401 | 318,249 | 130,556 | 710,279 |
| 1890 | 543,495 | 215,576 | 156,249 | 747,995 | 1,485,924 | 197,419 | 144,982 | 368,447 | 189,165 | 840,279 |
| 1891 | 501,736 | 253,191 | 183,394 | 885,441 | 1,643,888 | 184,280 | 233,512 | 369,174 | 194,275 | 859,957 |
| 1892 | 795,184 | 275,275 | 190,053 | 1,302,562 | 2,010,973 | 225,227 | 162,329 | 711,216 | 148,446 | 1,069,310 |
| 1893 | 560,776 | 239,351 | 230,325 | 772,777 | 1,518,978 | 319,711 | 216,714 | 599,294 | 194,901 | 1,214,111 |

a No detailed statement of the trade of each port with foreign countries was published for this year, which renders it impossible to determine what amount of the tonnage of each foreign country, if any, may have cleared at lake ports. The whole amount of tonnage for the countries herein enumerated has therefore been credited to seaports.

## No. 179.—Tonnage of American and foreign vessels cleared, by countries, etc., from 1870 to 1893—Continued.

| Year ending June 30— | United Kingdom and Dependencies. | | | | | Colombia. | All other countries. | Total. |
|---|---|---|---|---|---|---|---|---|
| | United Kingdom. | Nova Scotia, New Brunswick, and Prince Edward Island. | British Columbia. | British West Indies and British Honduras. | British Possessions in Australasia. | | | |
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1870 a | 2,204,439 | 891,088 | 103,148 | 147,672 | 40,068 | 185,664 | 700,128 | 6,361,628 |
| 1871 | 2,850,137 | 932,313 | 120,316 | 158,298 | 26,230 | 180,294 | 744,936 | 6,917,802 |
| 1872 | 3,073,922 | 955,332 | 145,954 | 157,156 | 86,454 | 185,077 | 904,659 | 7,788,758 |
| 1873 | 3,709,871 | 909,331 | 142,889 | 168,559 | 82,884 | 208,248 | 906,025 | 8,514,870 |
| 1874 | 4,554,670 | 803,667 | 170,075 | 173,915 | 59,073 | 215,422 | 914,906 | 10,058,050 |
| 1875 | 4,101,665 | 739,750 | 203,718 | 199,093 | 56,414 | 254,252 | 937,582 | 9,340,699 |
| 1876 | 4,835,991 | 608,642 | 296,974 | 215,894 | 78,775 | 196,785 | 866,773 | 9,839,458 |
| 1877 | 5,034,510 | 645,855 | 312,459 | 199,980 | 98,108 | 164,186 | 1,030,685 | 10,388,594 |
| 1878 | 5,891,527 | 599,545 | 353,908 | 229,974 | 101,614 | 191,799 | 1,051,174 | 11,343,571 |
| 1879 | 6,183,670 | 553,246 | 327,579 | 245,813 | 114,793 | 219,580 | 1,197,479 | 12,616,690 |
| 1880 | 7,067,755 | 788,472 | 343,047 | 285,716 | 87,851 | 226,788 | 1,242,831 | 15,295,697 |
| 1881 | 7,414,403 | 819,262 | 321,957 | 296,963 | 93,664 | 198,999 | 1,358,140 | 15,793,997 |
| 1882 | 6,453,625 | 1,008,749 | 389,477 | 367,727 | 134,287 | 217,134 | 1,507,728 | 14,846,468 |
| 1883 | 5,674,277 | 964,199 | 396,990 | 336,354 | 131,279 | 201,078 | 1,431,079 | 13,565,022 |
| 1884 | 4,697,639 | 841,516 | 543,393 | 316,560 | 156,597 | 189,851 | 1,476,699 | 12,205,719 |
| 1885 | 5,045,046 | 716,088 | 519,336 | 272,364 | 157,598 | 216,275 | 1,536,182 | 12,496,275 |
| 1886 | 4,804,514 | 845,180 | 553,773 | 291,348 | 207,757 | 212,159 | 1,461,623 | 12,413,235 |
| 1887 | 5,029,225 | 928,382 | 565,204 | 280,333 | 154,769 | 278,113 | 1,555,389 | 13,510,535 |
| 1888 | 4,590,253 | 1,011,282 | 906,000 | 308,439 | 252,158 | 255,084 | 1,669,254 | 13,252,197 |
| 1889 | 4,866,131 | 953,944 | 1,041,306 | 336,564 | 212,248 | 183,045 | 1,783,672 | 13,671,661 |
| 1890 | 5,687,053 | 965,205 | 1,159,210 | 404,672 | 180,062 | 187,521 | 1,955,795 | 15,429,049 |
| 1891 | 4,993,862 | 1,110,796 | 1,388,702 | 443,568 | 210,382 | 203,992 | 1,750,608 | 15,410,710 |
| 1892 | 6,335,063 | 1,060,333 | 1,351,710 | b 382,875 | 193,219 | 221,257 | 1,823,133 | 18,258,165 |
| 1893 | 5,927,712 | 1,072,861 | 1,223,293 | b 473,214 | 133,034 | 307,077 | 1,821,352 | 16,825,481 |

a No detailed statement of the trade of each port with foreign countries was published for this year, which renders it impossible to determine what amount of the tonnage of each foreign country, if any, may have cleared at lake ports. The whole amount of tonnage for the countries herein enumerated has therefore been credited to seaports.
b Including Bermuda.

**No. 198.—TONNAGE OF THE SAILING AND STEAM VESSELS OF THE MERCHANT MARINE OF THE UNITED STATES, FROM 1865 TO 1893, INCLUSIVE.**

[From the records of the Bureau of Navigation.]

| Year ending June 30— | Sailing vessels. | | Steam vessels. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| 1865 *a* | ..... | 1, 212, 805 | ..... | 367, 189 | ..... | 1, 579, 994 |
| 1865 *b* | ..... | 2, 816, 838 | ..... | 699, 950 | ..... | 3, 516, 788 |
| 1866 *a* | ..... | 2, 442, 012 | ..... | 926, 267 | ..... | 3, 368, 279 |
| 1866 *b* | ..... | 785, 254 | ..... | 157, 245 | ..... | 942, 499 |
| 1867 *a* | ..... | 2, 834, 535 | ..... | 1, 122, 980 | ..... | 3, 957, 515 |
| 1867 *b* | ..... | 278, 072 | ..... | 68, 900 | ..... | 346, 972 |
| 1868 *a* | 24, 499 | 3, 118, 895 | 3, 619 | 1, 199, 415 | 28, 118 | 4, 318, 310 |
| 1868 *b* | | 33, 449 | | ..... | | 33, 449 |
| 1869 | 23, 941 | 3, 041, 073 | 3, 546 | 1, 103, 568 | 27, 487 | 4, 144, 641 |
| 1870 | 25, 474 | 3, 171, 412 | 3, 524 | 1, 075, 095 | 28, 998 | 4, 246, 507 |
| 1871 | 26, 084 | 3, 194, 970 | 3, 567 | 1, 087, 637 | 29, 651 | 4, 282, 607 |
| 1872 | 27, 361 | 3, 326, 194 | 3, 753 | 1, 111, 553 | 31, 114 | 4, 437, 747 |
| 1873 | 28, 657 | 3, 539, 584 | 4, 015 | 1, 156, 443 | 32, 672 | 4, 696, 027 |
| 1874 | 28, 300 | 3, 615, 042 | 4, 186 | 1, 185, 610 | 32, 486 | 4, 800, 652 |
| 1875 | 28, 050 | 3, 685, 064 | 4, 235 | 1, 168, 668 | 32, 280 | 4, 853, 732 |
| 1876 | 21, 614 | 3, 107, 086 | 4, 320 | 1, 172, 372 | 25, 934 | 4, 279, 458 |
| 1877 | 20, 991 | 3, 071, 403 | 4, 395 | 1, 171, 197 | 25, 386 | 4, 242, 600 |
| 1878 | 20, 792 | 3, 045, 067 | 4, 472 | 1, 167, 678 | 25, 264 | 4, 212, 765 |
| 1879 | 20, 642 | 2, 993, 429 | 4, 569 | 1, 176, 172 | 25, 211 | 4, 169, 601 |
| 1880 | 19, 995 | 2, 856, 476 | 4, 717 | 1, 211, 558 | 24, 712 | 4, 068, 034 |
| 1881 | 19, 205 | 2, 792, 736 | 4, 860 | 1, 264, 998 | 24, 065 | 4, 057, 734 |
| 1882 | 19, 177 | 2, 810, 108 | 5, 191 | 1, 355, 825 | 24, 368 | 4, 165, 933 |
| 1883 | 18, 968 | 2, 822, 293 | 5, 249 | 1, 413, 194 | 24, 217 | 4, 235, 487 |
| 1884 | 18, 681 | 2, 805, 320 | 5, 401 | 1, 465, 909 | 24, 082 | 4, 271, 229 |
| 1885 | 18, 564 | 2, 771, 017 | 5, 399 | 1, 494, 917 | 23, 963 | 4, 265, 934 |
| 1886 | 18, 067 | 2, 608, 152 | 5, 467 | 1, 522, 984 | 23, 534 | 4, 131, 136 |
| 1887 | 17, 582 | 2, 563, 128 | 5, 481 | 1, 542, 717 | 23, 063 | 4, 105, 845 |
| 1888 | 17, 587 | 2, 543, 846 | 5, 694 | 1, 648, 070 | 23, 281 | 4, 191, 916 |
| 1889 | 17, 699 | 2, 541, 924 | 5, 924 | 1, 765, 551 | 23, 623 | 4, 307, 475 |
| 1890 | 17, 502 | 2, 565, 409 | 5, 965 | 1, 859, 088 | 23, 467 | 4, 424, 497 |
| 1891 | 17, 683 | 2, 668, 495 | 6, 216 | 2, 016, 264 | 23, 899 | 4, 684, 759 |
| 1892 | 17, 991 | 2, 690, 504 | 6, 392 | 2, 074, 417 | 24, 383 | 4, 764, 921 |
| 1893 | 17, 951 | 2, 641, 799 | 6, 561 | 2, 183, 272 | 24, 512 | 4, 825, 071 |

*a* New admeasurement. *b* Old admeasurement.

**No. 199.—TONNAGE OWNED ON THE ATLANTIC AND GULF COASTS, ON THE PACIFIC COAST, AND ON THE NORTHERN LAKES AND WESTERN RIVERS, FROM 1881 TO 1893, INCLUSIVE.**

| Year ending June 30— | Atlantic and Gulf. | Pacific. | Northern Lakes. | Western Rivers. | Total. |
|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| 1881 | 2, 718, 917 | 286, 386 | 663, 383 | 394, 048 | 4, 057, 734 |
| 1882 | 2, 759, 220 | 302, 435 | 711, 270 | 393, 008 | 4, 165, 933 |
| 1883 | 2, 822, 962 | 327, 565 | 723, 912 | 361, 048 | 4, 235, 487 |
| 1884 | 2, 847, 135 | 334, 669 | 733, 069 | 356, 356 | 4, 271, 229 |
| 1885 | 2, 809, 323 | 360, 608 | 749, 949 | 346, 054 | 4, 265, 934 |
| 1886 | 2, 685, 988 | 347, 685 | 762, 561 | 334, 902 | 4, 131, 136 |
| 1887 | 2, 638, 273 | 356, 445 | 783, 722 | 327, 405 | 4, 105, 845 |
| 1888 | 2, 612, 841 | 399, 889 | 874, 103 | 305, 083 | 4, 191, 916 |
| 1889 | 2, 599, 504 | 436, 273 | 972, 271 | 299, 427 | 4, 307, 475 |
| 1890 | 2, 638, 595 | 428, 392 | 1, 063, 064 | 294, 446 | 4, 424, 497 |
| 1891 | 2, 780, 683 | 440, 858 | 1, 154, 870 | 308, 348 | 4, 684, 759 |
| 1892 | 2, 805, 916 | 464, 619 | 1, 183, 583 | 310, 803 | 4, 764, 921 |
| 1893 | 2, 807, 690 | 457, 422 | 1, 261, 067 | 298, 892 | 4, 825, 071 |

## No. 200.—Tonnage of the sailing and steam vessels of the Merchant Marine of the United States employed in the Foreign and Coastwise Trade and in the Fisheries, from 1846 to 1893.

[From the records of the Bureau of Navigation.]

| Year ending June 30— | Employed in the— | | | | Motive power. | | | Annual increase, or decrease. Decrease —. |
|---|---|---|---|---|---|---|---|---|
| | Foreign trade. | Coastwise trade. | Whale fisheries. | Cod and mackerel fisheries. | Sail. | Steam. | Total sail and steam. | |
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Per cent.* |
| 1846 | 943,307 | 1,315,577 | 187,420 | 115,781 | 2,214,192 | 347,893 | 2,562,085 | 6.00 |
| 1847 | 1,047,454 | 1,458,601 | 198,859 | 109,132 | 2,434,205 | 404,841 | 2,839,046 | 10.82 |
| 1848 | 1,168,707 | 1,659,317 | 192,613 | 133,405 | 2,726,151 | 427,891 | 3,154,042 | 11.09 |
| 1849 | 1,258,756 | 1,770,376 | 180,186 | 124,698 | 2,871,621 | 462,395 | 3,334,016 | 5.71 |
| 1850 | 1,439,694 | 1,797,825 | 146,017 | 151,918 | 3,009,507 | 525,947 | 3,535,454 | 6.04 |
| 1851 | 1,544,663 | 1,899,976 | 181,644 | 146,156 | 3,188,832 | 583,607 | 3,772,439 | 6.70 |
| 1852 | 1,705,650 | 2,055,873 | 193,798 | 183,119 | 3,495,200 | 643,240 | 4,138,440 | 9.70 |
| 1853 | 1,910,471 | 2,134,258 | 193,203 | 169,078 | 3,802,392 | 604,618 | 4,407,010 | 6.49 |
| 1854 | 2,151,918 | 2,322,114 | 181,901 | 146,969 | 4,126,295 | 676,607 | 4,802,902 | 8.96 |
| 1855 | 2,348,358 | 2,543,255 | 186,848 | 133,540 | 4,441,716 | 770,285 | 5,212,001 | 8.53 |
| 1856 | 2,302,190 | 2,247,663 | 189,461 | 132,339 | 4,198,576 | 673,077 | 4,871,653 | —6.53 |
| 1857 | 2,268,196 | 2,336,609 | 195,842 | 140,196 | 4,235,059 | 705,784 | 4,940,843 | 1.42 |
| 1858 | 2,301,148 | 2,401,220 | 198,594 | 148,846 | 4,320,418 | 729,390 | 5,049,808 | 2.20 |
| 1859 | 2,321,674 | 2,480,929 | 185,728 | 156,707 | 4,376,285 | 768,753 | 5,145,038 | 1.90 |
| 1860 | 2,379,396 | 2,644,867 | 166,841 | 162,764 | 4,485,931 | 867,937 | 5,353,868 | 4.06 |
| 1861 | 2,496,894 | 2,704,544 | 145,734 | 192,641 | 4,662,609 | 877,204 | 5,539,813 | 3.47 |
| 1862 | 2,173,537 | 2,606,716 | 117,714 | 214,197 | 4,461,701 | 710,463 | 5,112,164 | —7.73 |
| 1863 | 1,926,886 | 2,960,633 | 99,228 | 168,309 | 4,579,537 | 575,519 | 5,155,956 | 0.84 |
| 1864 | 1,496,749 | 3,245,265 | 95,145 | 159,241 | 4,008,440 | 977,960 | 4,986,400 | —3.27 |
| 1865 | 1,518,350 | 3,381,522 | 90,516 | 106,394 | 4,029,643 | 1,067,139 | 5,096,782 | 2.21 |
| 1866 | 1,387,756 | 2,719,621 | 105,170 | 98,231 | 3,227,266 | 1,083,512 | 4,310,778 | —15.42 |
| 1867 | 1,515,648 | 2,660,390 | 52,384 | 76,065 | 3,112,607 | 1,191,880 | 4,304,487 | —0.14 |
| 1868 | 1,494,389 | 2,702,140 | 71,343 | 83,887 | 3,152,344 | 1,199,415 | 4,351,759 | 1.10 |
| 1869 | 1,496,220 | 2,515,515 | 70,202 | 62,704 | 3,041,073 | 1,103,568 | 4,144,641 | 4.76 |
| 1870 | 1,448,846 | 2,638,247 | 67,954 | 91,460 | 3,171,412 | 1,075,095 | 4,246,507 | 2.41 |
| 1871 | 1,363,652 | 2,764,600 | 61,490 | 93,865 | 3,194,970 | 1,087,637 | 4,282,607 | 0.85 |
| 1872 | 1,359,040 | 2,929,552 | 51,608 | 97,547 | 3,326,194 | 1,111,553 | 4,437,747 | 3.62 |
| 1873 | 1,378,533 | 3,163,220 | 44,755 | 109,519 | 3,539,584 | 1,156,443 | 4,696,027 | 5.83 |
| 1874 | 1,389,815 | 3,293,439 | 39,108 | 78,290 | 3,615,042 | 1,185,610 | 4,800,652 | 2.23 |
| 1875 | 1,515,598 | 3,219,698 | 38,229 | 80,207 | 3,685,064 | 1,168,668 | 4,853,732 | 1.10 |
| 1876 | 1,553,705 | 2,598,835 | 39,116 | 87,802 | 3,107,086 | 1,172,372 | 4,279,458 | —11.83 |
| 1877 | 1,570,600 | 2,540,322 | 40,593 | 91,085 | 3,071,403 | 1,171,197 | 4,242,600 | —0.86 |
| 1878 | 1,589,348 | 2,497,170 | 39,700 | 86,547 | 3,045,087 | 1,167,678 | 4,212,765 | —0.70 |
| 1879 | 1,451,505 | 2,598,183 | 40,028 | 79,885 | 2,993,429 | 1,176,172 | 4,169,601 | —1.02 |
| 1880 | 1,314,402 | 2,637,686 | 38,408 | 77,538 | 2,856,476 | 1,211,558 | 4,068,034 | —2.43 |
| 1881 | 1,297,035 | 2,646,011 | 38,551 | 76,137 | 2,792,736 | 1,264,998 | 4,057,734 | —0.25 |
| 1882 | 1,259,492 | 2,795,776 | 32,802 | 77,863 | 2,810,107 | 1,355,826 | 4,165,933 | 2.66 |
| 1883 | 1,269,681 | 2,838,354 | 32,414 | 95,038 | 2,822,293 | 1,413,194 | 4,235,487 | 1.67 |
| 1884 | 1,276,972 | 2,884,068 | 27,249 | 82,940 | 2,805,320 | 1,465,909 | 4,271,229 | 0.84 |
| 1885 | 1,262,814 | 2,895,371 | 25,184 | 82,565 | 2,771,017 | 1,494,917 | 4,265,934 | —0.12 |
| 1886 | 1,068,041 | 2,939,252 | 23,138 | 80,705 | 2,608,152 | 1,522,984 | 4,131,136 | —3.16 |
| 1887 | 989,412 | 3,010,735 | 26,151 | 79,547 | 2,563,128 | 1,542,717 | 4,105,845 | —0.69 |
| 1888 | 919,302 | 3,172,120 | 24,482 | 76,012 | 2,543,846 | 1,648,070 | 4,191,916 | 2.10 |
| 1889 | 999,619 | 3,211,416 | 21,976 | 74,464 | 2,541,924 | 1,765,551 | 4,307,475 | 2.74 |
| 1890 | 928,062 | 3,408,435 | 18,633 | 68,367 | 2,565,409 | 1,859,088 | 4,424,497 | 2.71 |
| 1891 | 988,719 | 3,609,876 | 17,231 | 68,933 | 2,668,495 | 2,016,264 | 4,684,759 | 5.88 |
| 1892 | 977,624 | 3,700,773 | 17,052 | 69,472 | 2,690,504 | 2,074,417 | 4,764,921 | 1.71 |
| 1893 | 883,199 | 3,854,693 | 16,604 | 70,575 | 2,641,799 | 2,183,272 | 4,825,071 | 0.79 |

## No. 201.—Class, Number, and Tonnage of VESSELS BUILT in the United States, from 1848 to 1893, inclusive.

[From the records of the Bureau of Navigation.]

| Year ending June 30— | Number, class, and tonnage. | | | | | | | | Total. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sailing vessels. | | | | | | Steam vessels. | | | |
| | Ships and barks. | Brigs. | Schooners. | Sloops, canal boats, and barges. | Total number. | Tons. | Number. | Tons. | Number. | Tons. |
| 1848 | 254 | 174 | 701 | 547 | 1,676 | 265,549.53 | 175 | 52,526.01 | 1,851 | 318,075.54 |
| 1849 | 196 | 148 | 623 | 370 | 1,339 | 213,970.81 | 215 | 43,018.01 | 1,554 | 256,988.82 |
| 1850 | 247 | 117 | 554 | 307 | 1,225 | 227,997.51 | 197 | 51,258.35 | 1,422 | 279,255.86 |
| 1851 | 211 | 65 | 522 | 325 | 1,123 | 221,145.89 | 245 | 78,326.47 | 1,368 | 299,472.41 |
| 1852 | 255 | 79 | 585 | 265 | 1,184 | 269,821.81 | 268 | 85,584.33 | 1,452 | 355,356.19 |
| 1853 | 270 | 95 | 681 | 391 | 1,437 | 332,339.12 | 280 | 95,155.67 | 1,717 | 427,494.79 |
| 1854 | 334 | 112 | 661 | 386 | 1,493 | 447,216.26 | 284 | 88,829.82 | 1,777 | 536,046.13 |
| 1855 | 381 | 126 | 605 | 669 | 1,781 | 510,689.67 | 246 | 73,760.32 | 2,027 | 583,450.04 |
| 1856 | 306 | 103 | 594 | 479 | 1,482 | 404,054.39 | 232 | 65,239.34 | 1,714 | 469,293.73 |
| 1857 | 251 | 58 | 504 | 358 | 1,171 | 304,345.18 | 272 | 74,459.52 | 1,443 | 378,804.70 |
| 1858 | 122 | 46 | 431 | 400 | 999 | 179,338.53 | 242 | 65,374.34 | 1,241 | 244,712.87 |
| 1859 | 89 | 28 | 297 | 284 | 698 | 121,296.83 | 177 | 35,305.45 | 875 | 156,602.33 |
| 1860 | 110 | 36 | 372 | 289 | 807 | 145,427.58 | 275 | 69,370.67 | 1,082 | 214,797.65 |
| 1861 | 110 | 39 | 360 | 371 | 880 | 172,207.94 | 266 | 60,986.36 | 1,146 | 233,194.35 |
| 1862 | 60 | 17 | 207 | 397 | 681 | 119,626.67 | 183 | 55,449.17 | 864 | 175,075.84 |
| 1863 | 97 | 34 | 212 | 1,113 | 1,456 | 216,812.14 | 360 | 94,233.67 | 1,816 | 311,045.81 |
| 1864 | 112 | 45 | 322 | 1,389 | 1,868 | 268,240.76 | 520 | 147,499.83 | 2,388 | 415,740.64 |
| 1865 | 109 | 46 | 370 | 853 | 1,378 | 248,904.35 | 411 | 145,696.35 | 1,789 | 394,600.70 |
| 1866 | 96 | 61 | 457 | 926 | 1,540 | 210,962.84 | 358 | 125,183.72 | 1,898 | 336,146.56 |
| 1867 | 95 | 70 | 517 | 657 | 1,339 | 233,584.53 | 179 | 72,010.33 | 1,518 | 305,594.86 |
| 1868 | 80 | 48 | 500 | 848 | 1,566 | 221,364.67 | 236 | 63,940.06 | 1,802 | 285,304.73 |
| 1869 | 91 | 36 | 501 | 820 | 1,448 | 210,164.16 | 279 | 65,065.99 | 1,727 | 275,230.15 |
| 1870 | 73 | 27 | 519 | 709 | 1,328 | 206,332.39 | 290 | 70,620.92 | 1,618 | 276,953.31 |
| 1871 | 40 | 14 | 498 | 901 | 1,453 | 185,384.02 | 302 | 87,842.49 | 1,755 | 273,226.51 |
| 1872 | 15 | 10 | 426 | 900 | 1,351 | 146,842.57 | 292 | 62,209.65 | 1,643 | 209,052.22 |
| 1873 | 28 | 9 | 611 | 1,221 | 1,869 | 271,235.10 | 402 | 88,010.66 | 2,271 | 359,245.76 |
| 1874 | 71 | 22 | 655 | 995 | 1,743 | 330,795.25 | 404 | 101,929.92 | 2,147 | 432,725.17 |
| 1875 | 114 | 23 | 502 | 340 | 978 | 235,178.96 | 323 | 62,459.84 | 1,301 | 297,638.79 |
| 1876 | 76 | 5 | 424 | 269 | 774 | 134,333.72 | 338 | 69,251.91 | 1,112 | 203,585.63 |
| 1877 | 71 | 4 | 337 | 352 | 764 | 129,077.45 | 265 | 47,514.51 | 1,029 | 176,591.96 |
| 1878 | 81 | 7 | 279 | 557 | 924 | 153,643.97 | 334 | 81,859.60 | 1,258 | 235,503.57 |
| 1879 | 87 | 10 | 256 | 494 | 797 | 106,669.34 | 335 | 86,361.35 | 1,132 | 193,030.69 |
| 1880 | 23 | 2 | 286 | 243 | 554 | 78,556.20 | 348 | 78,853.70 | 902 | 157,409.90 |
| 1881 | 29 | 3 | 318 | 314 | 664 | 162,388.09 | 444 | 118,070.55 | 1,108 | 280,458.64 |
| 1882 | 31 | 2 | 473 | 363 | 869 | 160,427.07 | 502 | 121,842.66 | 1,371 | 282,269.73 |
| 1883 | 33 | 2 | 567 | 227 | 829 | 158,200.13 | 439 | 107,329.78 | 1,268 | 265,429.91 |
| 1884 | 24 | 2 | 533 | 221 | 780 | 134,186.53 | 410 | 91,327.47 | 1,190 | 225,514.00 |
| 1885 | 11 | ..... | 379 | 192 | 582 | 74,723.44 | 338 | 84,332.75 | 920 | 159,056.19 |
| 1886 | 8 | 1 | 275 | 191 | 475 | 50,985.57 | 240 | 44,467.82 | 715 | 95,453.39 |
| 1887 | 7 | 1 | 258 | 279 | 545 | 50,376.16 | 299 | 100,073.87 | 844 | 150,450.03 |
| 1888 | 4 | ..... | 275 | 305 | 584 | 76,080.36 | 430 | 142,006.52 | 1,014 | 218,086.88 |
| 1889 | 1 | ..... | 296 | 340 | 637 | 71,816.02 | 440 | 159,318.31 | 1,077 | 231,134.33 |
| 1890 | 10 | ..... | 347 | 284 | 641 | 135,077.08 | 410 | 159,045.68 | 1,051 | 294,122.76 |
| 1891 | 13 | 1 | 447 | 435 | 896 | 184,265.47 | 488 | 185,036.82 | 1,384 | 369,302.29 |
| 1892 | 8 | ..... | 423 | 526 | 957 | 107,101.00 | 438 | 92,531.00 | 1,395 | 199,632.00 |
| 1893 | 8 | 1 | 303 | 264 | 576 | 77,271.38 | 380 | 134,367.97 | 956 | 211,639.35 |

**No. 202.—TONNAGE OF VESSELS BUILT IN THE SEVERAL SECTIONS OF THE UNITED STATES, FROM 1877 TO 1893, INCLUSIVE.**

[From the records of the Bureau of Navigation.]

| Year ending June 30— | On the New England coast. | | On the entire seaboard. | | On the Mississippi River and its tributaries. | | On the Great Lakes. | | Total tonnage built. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| 1877 | 233 | 90,992 | 708 | 132,996 | 232 | 34,698 | 89 | 8,903 | 1,029 | 176,592 |
| 1878 | 231 | 90,386 | 697 | 155,138 | 460 | 68,928 | 101 | 11,438 | 1,258 | 235,504 |
| 1879 | 163 | 55,874 | 657 | 115,683 | 380 | 62,218 | 95 | 15,135 | 1,132 | 193,031 |
| 1880 | 184 | 46,874 | 630 | 101,719 | 135 | 32,791 | 137 | 22,899 | 902 | 157,409 |
| 1881 | 187 | 54,488 | 711 | 125,766 | 182 | 81,189 | 215 | 73,504 | 1,108 | 280,459 |
| 1882 | 304 | 93,965 | 965 | 188,084 | 152 | 35,817 | 254 | 58,369 | 1,371 | 282,270 |
| 1883 | 342 | 110,226 | 972 | 210,349 | 125 | 26,443 | 171 | 28,638 | 1,268 | 265,430 |
| 1884 | 250 | 84,046 | 962 | 178,419 | 93 | 16,664 | 135 | 30,431 | 1,190 | 225,514 |
| 1885 | 173 | 48,128 | 722 | 121,010 | 81 | 11,220 | 117 | 26,826 | 920 | 159,056 |
| 1886 | 111 | 30,624 | 554 | 64,458 | 76 | 10,595 | 85 | 20,400 | 715 | 95,453 |
| 1887 | 101 | 24,035 | 613 | 83,061 | 79 | 10,901 | 152 | 56,488 | 844 | 150,450 |
| 1888 | 150 | 33,813 | 708 | 105,125 | 84 | 11,859 | 222 | 101,103 | 1,014 | 218,087 |
| 1889 | 174 | 39,983 | 769 | 111,852 | 83 | 12,202 | 225 | 107,080 | 1,077 | 231,134 |
| 1890 | 208 | 78,577 | 756 | 169,091 | 104 | 16,506 | 191 | 108,526 | 1,051 | 294,123 |
| 1891 | 327 | 105,491 | 1,066 | 237,462 | 114 | 19,984 | 204 | 111,856 | 1,384 | 369,302 |
| 1892 | 366 | 60,623 | 1,127 | 138,863 | 99 | 14,800 | 169 | 45,969 | 1,395 | 199,632 |
| 1893 | 152 | 37,091 | 538 | 102,830 | 91 | 9,538 | 175 | 99,271 | 956 | 211,639 |

**No. 203.—TONNAGE OF IRON SAILING AND STEAM VESSELS BUILT IN THE UNITED STATES, FROM 1869 TO 1893, INCLUSIVE.**

[From the records of the Bureau of Navigation.]

| Year ending June 30— | Sailing vessels. | | Steam vessels. | | Total. | |
|---|---|---|---|---|---|---|
| | *No.* | *Tons.* | *No.* | *Tons.* | *No.* | *Tons.* |
| 1869 | 2 | 1,039 | 8 | 3,545 | 10 | 4,584 |
| 1870 | ..... | 679 | ..... | 7,602 | ..... | 8,281 |
| 1871 | 2 | 2,067 | 18 | 13,412 | 20 | 15,479 |
| 1872 | ..... | ..... | 20 | 12,766 | 20 | 12,766 |
| 1873 | ..... | ..... | 26 | 26,548 | 26 | 26,548 |
| 1874 | ..... | ..... | 23 | 33,097 | 23 | 33,097 |
| 1875 | ..... | ..... | 20 | 21,632 | 20 | 21,632 |
| 1876 | ..... | ..... | 25 | 21,346 | 25 | 21,346 |
| 1877 | ..... | ..... | 7 | 5,927 | 7 | 5,927 |
| 1878 | ..... | ..... | 32 | 26,960 | 32 | 26,960 |
| 1879 | ..... | ..... | 24 | 22,008 | 24 | 22,008 |
| 1880 | 1 | 44 | 30 | 25,538 | 31 | 25,582 |
| 1881 | 1 | 36 | 41 | 28,320 | 42 | 28,356 |
| 1882 | ..... | ..... | 43 | 40,097 | 43 | 40,097 |
| 1883 | 1 | 2,033 | 34 | 37,613 | 35 | 39,646 |
| 1884 | 3 | 4,432 | 31 | 31,200 | 34 | 35,632 |
| 1885 | 1 | 731 | 47 | 43,297 | 48 | 44,028 |
| 1886 | 3 | 692 | 23 | 14,216 | 26 | 14,908 |
| 1887 | 1 | 93 | 28 | 34,261 | 29 | 34,354 |
| 1888 | 4 | 747 | 39 | 35,972 | 43 | 36,719 |
| 1889 | 1 | 33 | 47 | 54,509 | 48 | 54,542 |
| 1890 | a 4 | 4,975 | 59 | 75,403 | 63 | 80,378 |
| 1891 | a 6 | 6,309 | 76 | 99,309 | 82 | 105,618 |
| 1892 | a 5 | 5,282 | 50 | 46,092 | 55 | 51,374 |
| 1893 | a 10 | 13,104 | 55 | 81,428 | 65 | 94,532 |

a Barges, etc.

**No. 204.—Summary of DISASTERS to VESSELS which occurred on and near the Coasts and on the Rivers of the United States, and to American Vessels at Sea and on the Coasts of Foreign Countries during the years from 1875 to 1893, inclusive.**

[From Reports of the General Superintendent of the Life-Saving Service.]

WRECKS AND CASUALTIES ON THE ATLANTIC, GULF, AND PACIFIC COASTS OF THE UNITED STATES.

| Years. | Total number of vessels. | Wrecks involving total loss. | Casualties involving partial and unknown damage. | Tonnage of vessels totally lost. | Tonnage of vessels damaged. | Losses to vessels. | Losses to cargoes. | Number of passengers. | Number in crews. | Lives lost.a |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | *Dollars.* | *Dollars.* | | | |
| 1875 | 756 | 168 | 593 | 27,369 | 150,216 | 2,790,510 | 614,192 | 3,744 | 5,662 | 153 |
| 1876 | 743 | 226 | 517 | 40,023 | 139,864 | 2,891,610 | 576,385 | 2,392 | 5,563 | 363 |
| 1877 | 739 | 229 | 510 | 44,119 | 166,965 | 3,239,385 | 889,355 | 4,810 | 6,677 | 187 |
| 1878 | 703 | 239 | 464 | 44,433 | 160,576 | 3,092,890 | 1,267,580 | 4,702 | 6,143 | 312 |
| 1879 | 706 | 246 | 460 | 45,211 | 159,576 | 2,881,800 | 1,195,255 | 5,331 | 5,870 | 177 |
| 1880 | 738 | 218 | 520 | 31,097 | 206,743 | 2,213,205 | 660,565 | 6,291 | 6,752 | 110 |
| 1881 | 621 | 213 | 408 | 42,766 | 155,802 | 2,471,745 | 1,512,605 | 4,688 | 5,802 | 92 |
| 1882 | 715 | 201 | 514 | 41,127 | 168,918 | 2,586,125 | 900,055 | 4,953 | 6,967 | 55 |
| 1883 | 615 | 180 | 435 | 32,005 | 174,167 | 3,015,690 | 994,860 | 6,556 | 5,708 | 105 |
| 1884 | 730 | 185 | 545 | 37,296 | 208,279 | 2,684,540 | 1,014,850 | 6,834 | 6,241 | 197 |
| 1885 | 634 | 175 | 459 | 30,277 | 218,292 | 2,416,530 | 627,000 | 7,638 | 6,397 | 47 |
| 1886 | 850 | 253 | 597 | 51,800 | 224,068 | 2,896,370 | 1,230,780 | 7,332 | 7,047 | 151 |
| 1887 | 728 | 204 | 524 | 41,423 | 248,128 | 2,428,760 | 733,965 | 6,422 | 6,801 | 110 |
| 1888 | 746 | 194 | 552 | 35,529 | 252,516 | 2,388,605 | 994,055 | 5,013 | 6,431 | 144 |
| 1889 | 761 | 223 | 538 | 51,833 | 267,670 | 3,864,590 | 970,765 | 4,905 | 7,465 | 159 |
| 1890 | 754 | 214 | 540 | 60,912 | 284,236 | 3,393,390 | 1,012,680 | 9,103 | 7,860 | 202 |
| 1891 | 734 | 192 | 542 | 46,061 | 263,146 | 2,718,485 | 1,032,690 | 13,076 | 7,934 | 165 |
| 1892 | 783 | 196 | 587 | 38,748 | 270,851 | 2,527,805 | 503,065 | 3,987 | 6,533 | 109 |
| 1893 | 699 | 205 | 494 | 57,611 | 258,218 | 3,279,875 | 696,365 | 7,782 | 6,507 | b 67 |

WRECKS AND CASUALTIES ON THE GREAT LAKES.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1875 | 523 | 45 | 478 | 24,975 | 126,457 | 951,884 | 566,240 | 413 | 4,014 | 61 |
| 1876 | 308 | 53 | 255 | 14,640 | 88,866 | 1,136,335 | 1,157,490 | 294 | 2,652 | 84 |
| 1877 | 150 | 39 | 111 | 7,875 | 47,962 | 457,940 | 166,065 | 292 | 1,446 | 47 |
| 1878 | 263 | 63 | 200 | 13,455 | 72,582 | 684,470 | 390,155 | 224 | 2,156 | 38 |
| 1879 | 208 | 36 | 172 | 8,961 | 60,618 | 468,035 | 147,790 | 526 | 1,754 | 14 |
| 1880 | 341 | 53 | 288 | 10,896 | 110,704 | 750,575 | 455,085 | 481 | 2,908 | 29 |
| 1881 | 354 | 68 | 286 | 16,298 | 111,693 | 973,725 | 447,375 | 1,668 | 3,021 | 127 |
| 1882 | 321 | 39 | 282 | 10,291 | 117,408 | 983,990 | 265,695 | 298 | 2,839 | 71 |
| 1883 | 295 | 51 | 244 | 11,977 | 109,183 | 749,005 | 124,080 | 209 | 2,472 | 55 |
| 1884 | 323 | 68 | 260 | 16,940 | 113,267 | 1,158,625 | 470,265 | 331 | 2,863 | 91 |
| 1885 | 239 | 37 | 202 | 8,232 | 95,301 | 814,645 | 211,790 | 179 | 2,232 | 18 |
| 1886 | 220 | 51 | 169 | 12,706 | 88,706 | 824,845 | 148,445 | 184 | 1,969 | 78 |
| 1887 | 339 | 64 | 275 | 15,852 | 131,878 | 1,048,150 | 371,060 | 1,069 | 3,150 | 103 |
| 1888 | 319 | 75 | 244 | 19,147 | 126,874 | 1,074,200 | 418,545 | 448 | 2,940 | 88 |
| 1889 | 264 | 50 | 214 | 12,690 | 149,535 | 1,039,725 | 189,355 | 66 | 2,742 | 26 |
| 1890 | 298 | 40 | 258 | 15,665 | 191,578 | 1,434,055 | 263,085 | 1,149 | 3,300 | 8 |
| 1891 | 337 | 63 | 274 | 17,453 | 214,600 | 1,339,805 | 243,490 | 1,607 | 3,556 | 50 |
| 1892 | 367 | 68 | 299 | 18,001 | 261,172 | 1,740,825 | 544,425 | 164 | 3,887 | 38 |
| 1893 | 316 | 51 | 265 | 20,540 | 195,095 | 1,736,995 | 445,220 | 376 | 3,277 | b 102 |

a Exclusive of lives lost on vessels suffering no material damage.
b Number of lives lost on steamers: Atlantic, Gulf, and Pacific coasts, 14, and on the Great Lakes, 62.

**No. 204.—SUMMARY OF DISASTERS TO VESSELS WHICH OCCURRED ON AND NEAR THE COASTS AND ON THE RIVERS OF THE UNITED STATES, ETC., DURING THE YEARS FROM 1875 TO 1893, INCLUSIVE—Continued.**

WRECKS AND CASUALTIES ON RIVERS OF THE UNITED STATES.

| Years | Total number of vessels. | Wrecks involving total loss. | Casualties involving partial and unknown damage. | Tonnage of vessels totally lost. | Tonnage of vessels damaged. | Losses to vessels. | Losses to cargoes. | Number of passengers. | Number in crews. | Lives lost. a |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | *Dollars.* | *Dollars.* | | | |
| 1875 | 100 | 32 | 68 | 13,127 | 23,460 | 797,737 | 418,392 | 1,635 | 1,707 | 125 |
| 1876 | 88 | 41 | 47 | 14,223 | 19,831 | 1,005,800 | 832,525 | 849 | 1,737 | 54 |
| 1877 | 134 | 67 | 67 | 11,313 | 30,348 | 639,190 | 308,725 | 1,121 | 1,631 | 44 |
| 1878 | 117 | 41 | 76 | 15,245 | 28,577 | 749,800 | 507,165 | 1,463 | 2,097 | 53 |
| 1879 | 130 | 40 | 90 | 7,371 | 30,317 | 493,650 | 253,175 | 975 | 1,789 | 31 |
| 1880 | 186 | 54 | 132 | 14,344 | 62,992 | 611,640 | 610,850 | 1,978 | 3,281 | 31 |
| 1881 | 196 | 63 | 133 | 18,006 | 47,916 | 967,550 | 927,610 | 1,650 | 3,464 | 53 |
| 1882 | 167 | 49 | 118 | 13,483 | 47,491 | 1,026,445 | 373,320 | 2,092 | 3,326 | 115 |
| 1883 | 180 | 50 | 130 | 16,461 | 48,860 | 1,057,050 | 395,820 | 2,364 | 3,314 | 168 |
| 1884 | 193 | 53 | 140 | 12,610 | 42,071 | 826,735 | 554,725 | 1,408 | 2,637 | 39 |
| 1885 | 193 | 65 | 128 | 13,942 | 42,602 | 908,280 | 254,935 | 4,974 | 2,882 | 42 |
| 1886 | 199 | 53 | 146 | 12,558 | 52,341 | 828,820 | 318,775 | 1,811 | 2,723 | 37 |
| 1887 | 188 | 55 | 133 | 20,203 | 47,465 | 1,023,815 | 416,670 | 1,139 | 2,725 | 89 |
| 1888 | 173 | 52 | 121 | 11,937 | 48,334 | 634,265 | 473,890 | 2,146 | 2,330 | 17 |
| 1889 | 170 | 47 | 123 | 15,238 | 45,079 | 678,780 | 431,290 | 1,790 | 3,028 | 78 |
| 1890 | 161 | 57 | 104 | 12,553 | 39,563 | 735,085 | 191,405 | 2,079 | 2,484 | 63 |
| 1891 | 170 | 46 | 124 | 10,565 | 51,153 | 569,465 | 400,585 | 1,873 | 2,696 | 129 |
| 1892 | 179 | 54 | 125 | 6,656 | 59,636 | 550,710 | 209,305 | 2,830 | 2,725 | 50 |
| 1893 | 162 | 60 | 102 | 18,314 | 35,240 | 1,026,935 | 132,510 | 1,487 | 2,184 | b 34 |

WRECKS AND CASUALTIES TO AMERICAN VESSELS AT SEA AND ON THE COASTS OF FOREIGN COUNTRIES.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1875 | 231 | 79 | 152 | 37,338 | 89,764 | 2,965,042 | 1,094,116 | 686 | 3,117 | 556 |
| 1876 | 414 | 149 | 265 | 49,112 | 134,216 | 3,666,480 | 1,509,435 | 267 | 4,380 | 377 |
| 1877 | 524 | 197 | 327 | 73,414 | 162,290 | 5,158,595 | 3,416,975 | 666 | 5,664 | 548 |
| 1878 | 400 | 140 | 260 | 59,476 | 127,999 | 3,285,320 | 2,707,710 | 368 | 4,378 | 241 |
| 1879 | 501 | 197 | 304 | 59,077 | 151,870 | 3,537,675 | 2,980,265 | 1,558 | 5,550 | 508 |
| 1880 | 359 | 124 | 235 | 53,155 | 124,511 | 2,340,520 | 1,450,300 | 544 | 4,256 | 299 |
| 1881 | 357 | 124 | 233 | 55,980 | 128,564 | 2,667,275 | 1,720,020 | 398 | 4,175 | 351 |
| 1882 | 311 | 106 | 205 | 46,926 | 108,564 | 2,301,710 | 1,875,330 | 1,266 | 3,957 | 261 |
| 1883 | 326 | 94 | 232 | 41,240 | 141,728 | 2,199,210 | 879,050 | 533 | 4,041 | 211 |
| 1884 | 401 | 138 | 263 | 46,764 | 145,959 | 2,714,480 | 1,834,975 | 1,236 | 4,961 | 489 |
| 1885 | 341 | 115 | 226 | 54,277 | 136,215 | 3,239,140 | 1,349,685 | 1,263 | 4,019 | 228 |
| 1886 | 381 | 142 | 239 | 51,339 | 117,955 | 2,543,050 | 1,574,135 | 535 | 4,069 | 310 |
| 1887 | 314 | 103 | 211 | 39,921 | 136,431 | 1,764,390 | 629,295 | 273 | 3,570 | 251 |
| 1888 | 296 | 98 | 198 | 53,748 | 121,979 | 2,744,370 | 1,684,800 | 841 | 3,546 | 309 |
| 1889 | 331 | 121 | 210 | 51,502 | 149,225 | 3,995,100 | 855,195 | 1,063 | 4,817 | 396 |
| 1890 | 257 | 99 | 158 | 43,607 | 112,493 | 2,090,950 | 705,425 | 389 | 3,046 | 263 |
| 1891 | 234 | 79 | 155 | 30,324 | 125,255 | 1,406,940 | 916,245 | 646 | 3,169 | 104 |
| 1892 | 277 | 100 | 177 | 47,277 | 135,395 | 2,567,335 | 1,321,075 | 921 | 3,464 | 449 |
| 1893 | 244 | 86 | 158 | 39,704 | 152,008 | 1,513,300 | 719,510 | 1,149 | 3,257 | b 194 |

a Exclusive of lives lost on vessels suffering no material damage.
b Number of lives lost on steamers: On rivers, 33, and at sea, 1.

**No. 204.—Summary of DISASTERS to VESSELS which occurred on and near the Coast and on the Rivers of the United States, etc., during the years from 1875 to 1893, inclusive—Continued.**

RECAPITULATION.

| Years. | Total number of vessels. | Wrecks involving total loss. | Casualties involving partial and unknown damage. | Tonnage of vessels totally lost. | Tonnage of vessels damaged. | Losses to vessels. | Losses to cargoes. | Number of passengers. | Number in crews. | Lives lost.[a] |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | *Dollars.* | *Dollars.* | | | |
| 1875 | 1,610 | 319 | 1,291 | 102,819 | 389,897 | 7,525,173 | 2,692,940 | 5,878 | 14,500 | 894 |
| 1876 | 1,553 | 469 | 1,084 | 117,998 | 382,777 | 8,700,225 | 4,075,835 | 3,802 | 14,382 | 878 |
| 1877 | 1,547 | 532 | 1,015 | 136,721 | 407,465 | 9,495,110 | 4,781,120 | 6,889 | 15,418 | 826 |
| 1878 | 1,483 | 483 | 1,000 | 132,609 | 389,784 | 7,812,480 | 4,782,610 | 6,757 | 14,774 | 644 |
| 1879 | 1,545 | 519 | 1,026 | 120,620 | 402,381 | 6,881,160 | 2,576,485 | 8,390 | 14,963 | 730 |
| 1880 | 1,624 | 449 | 1,175 | 109,492 | 504,950 | 5,915,940 | 3,176,800 | 9,294 | 17,197 | 469 |
| 1881 | 1,528 | 468 | 1,060 | 133,050 | 443,975 | 7,080,295 | 4,607,610 | 7,824 | 16,462 | 623 |
| 1882 | 1,514 | 395 | 1,119 | 111,827 | 442,876 | 6,848,270 | 3,414,310 | 8,603 | 17,109 | 502 |
| 1883 | 1,416 | 375 | 1,041 | 107,683 | 473,938 | 7,020,955 | 2,393,760 | 9,662 | 15,535 | 539 |
| 1884 | 1,647 | 439 | 1,208 | 113,610 | 508,576 | 7,384,380 | 3,874,815 | 9,859 | 16,702 | 807 |
| 1885 | 1,407 | 392 | 1,015 | 106,728 | 492,410 | 7,878,595 | 2,443,410 | 14,054 | 15,530 | 335 |
| 1886 | 1,650 | 499 | 1,151 | 128,403 | 483,070 | 7,093,085 | 3,267,135 | 9,862 | 15,818 | 576 |
| 1887 | 1,569 | 426 | 1,143 | 117,399 | 563,462 | 6,265,055 | 2,140,990 | 8,903 | 16,246 | 553 |
| 1888 | 1,534 | 419 | 1,115 | 120,361 | 549,763 | 6,841,440 | 3,571,290 | 8,443 | 15,247 | 553 |
| 1889 | 1,526 | 441 | 1,085 | 131,263 | 611,509 | 9,578,195 | 2,446,605 | 7,824 | 18,052 | 659 |
| 1890 | 1,470 | 410 | 1,060 | 132,787 | 627,875 | 7,653,480 | 2,172,595 | 12,720 | 16,690 | 556 |
| 1891 | 1,475 | 380 | 1,095 | 104,403 | 654,154 | 6,034,695 | 2,593,010 | 17,202 | 17,346 | 448 |
| 1892 | 1,556 | 418 | 1,138 | 110,662 | 727,054 | 7,386,675 | 2,577,870 | 7,852 | 16,609 | 646 |
| 1893 | 1,421 | 402 | 1,019 | 136,169 | 640,561 | 7,557,105 | 1,993,605 | 10,794 | 15,315 | [b] 397 |

In the foregoing are included wrecks and casualties to war and other Government vessels on the coasts and rivers of the United States, as follows:

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1876 | 1 | ..... | 1 | ..... | 1,270 | ..... | ..... | ..... | 129 | ..... |
| 1877 | 7 | ..... | 7 | ..... | 3,158 | 1,100 | ..... | 6 | 261 | ..... |
| 1878 | 3 | 1 | 2 | 1,020 | 2,411 | 412,390 | ..... | ..... | 249 | 98 |
| 1879 | 1 | ..... | 1 | ..... | 685 | 350 | ..... | ..... | 87 | ..... |
| 1880 | 4 | ..... | 4 | ..... | 4,670 | 300 | ..... | ..... | 577 | ..... |
| 1881 | 3 | 1 | 2 | 116 | 2,375 | 82,540 | ..... | ..... | 283 | 20 |
| 1882 | 6 | ..... | 6 | ..... | 10,466 | 17,750 | ..... | ..... | 1,269 | ..... |
| 1883 | 8 | 1 | 7 | 1,370 | 2,819 | 100,100 | ..... | 3 | 300 | 11 |
| 1884 | 2 | ..... | 2 | ..... | 919 | 20 | ..... | ..... | 38 | ..... |
| 1885 | 3 | ..... | 3 | ..... | 3,970 | 3,000 | ..... | 1 | 341 | 3 |
| 1886 | 4 | ..... | 4 | ..... | 566 | 2,625 | ..... | 20 | 42 | ..... |
| 1888 | 1 | ..... | 1 | ..... | 1,150 | 1,200 | ..... | ..... | ..... | ..... |
| 1889 | 9 | 2 | 7 | 6,000 | 7,811 | 1,636,495 | ..... | ..... | 1,799 | 51 |
| 1890 | 3 | ..... | 3 | ..... | 553 | 7,500 | ..... | 6 | 9 | 3 |
| 1891 | 4 | ..... | 4 | ..... | 6,167 | 1,290 | ..... | 3 | 499 | ..... |
| 1892 | 6 | 2 | 4 | 943 | 971 | 223,010 | ..... | 18 | 120 | 2 |
| 1893 | 2 | 1 | 1 | 174 | 77 | 7,085 | ..... | 9 | 21 | ..... |

[a] Exclusive of lives lost on vessels suffering no material damage.
[b] Total number of lives lost on steamers, 110.

## No. 205.—Area, in Acres, of ORIGINAL HOMESTEAD ENTRIES in each State and Territory of the United States during each year ending June 30, from 1883 to 1893, inclusive.

[Prepared by the General Land Office.]

| States and Territories. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* |
| Alabama | 268,732.09 | 284,996.52 | 165,321.27 | 197,687.05 | 338,729.87 | 348,007.54 | 231,287.07 | 315,645.46 | 328,091.42 | 203,759.00 | 148,578.00 |
| Arizona | 10,422.81 | 14,762.85 | 48,678.69 | 28,027.36 | 24,537.90 | 52,450.18 | 31,095.73 | 27,449.56 | 34,881.00 | 42,783.54 | 55,406.59 |
| Arkansas | 353,824.00 | 275,167.10 | 218,955.17 | 249,884.44 | 337,769.45 | 329,136.78 | 366,191.40 | 337,723.70 | 305,468.35 | 259,083.53 | 249,428.62 |
| California | 299,800.12 | 427,761.63 | 434,209.26 | 472,116.07 | 505,037.93 | 677,050.37 | 406,134.84 | 310,141.36 | 411,119.64 | 431,442.04 | 456,257.57 |
| Colorado | 210,800.43 | 198,394.92 | 176,214.39 | 281,801.14 | 801,574.79 | 1,007,554.08 | 526,377.04 | 350,907.91 | 289,015.86 | 348,554.36 | 416,772.19 |
| Dakota | 3,437,386.68 | 2,161,267.86 | 1,218,478.12 | 1,185,138.37 | 746,203.70 | 597,868.53 | 583,952.08 | *a* ..... | *a* ..... | *a* ..... | *a* ..... |
| Florida | 212,895.66 | 286,613.01 | 175,553.45 | 139,374.36 | 107,328.88 | 132,812.40 | 78,530.12 | 152,007.76 | 123,970.00 | 153,808.20 | 126,340.39 |
| Idaho | 90,907.61 | 118,871.55 | 110,493.73 | 102,332.58 | 95,181.22 | 111,239.95 | 105,585.50 | 91,676.60 | 121,719.66 | 165,438.76 | 185,779.42 |
| Illinois | ..... | 184.40 | ..... | ..... | ..... | ..... | 120.00 | 196.30 | 423.86 | ..... | 453.58 |
| Indiana | 56.70 | 40.00 | ..... | ..... | 132.52 | ..... | 161.25 | ..... | ..... | 81.25 | ..... |
| Iowa | 1,982.61 | 2,293.23 | 1,434.76 | 967.69 | 1,079.84 | 20,756.14 | 2,879.64 | 1,153.77 | 3,166.82 | 2,879.67 | 2,048.60 |
| Kansas | 508,780.91 | 514,720.24 | 1,530,372.17 | 3,224,214.59 | 1,974,549.98 | 876,484.39 | 344,890.34 | 222,649.89 | 162,898.84 | 363,467.03 | 467,906.49 |
| Louisiana | 124,660.19 | 145,619.39 | 92,810.28 | 81,647.38 | 98,904.83 | 161,411.36 | 151,809.57 | 159,694.66 | 157,904.42 | 127,643.51 | 143,073.76 |
| Michigan | 79,173.12 | 71,656.30 | 55,951.13 | 56,550.35 | 49,383.73 | 69,667.60 | 115,960.09 | 67,053.22 | 75,495.06 | 85,695.62 | 100,496.19 |
| Minnesota | 431,872.75 | 444,358.50 | 280,211.91 | 235,810.05 | 288,052.90 | 262,672.15 | 181,699.43 | 175,697.01 | 220,734.48 | 392,796.98 | 348,916.29 |
| Mississippi | 167,079.90 | 148,936.92 | 97,619.22 | 95,874.80 | 90,047.63 | 124,919.93 | 131,338.92 | 282,853.60 | 237,739.22 | 181,139.86 | 143,462.41 |
| Missouri | 206,233.16 | 320,649.41 | 250,361.34 | 244,155.38 | 206,946.83 | 161,185.88 | 168,957.49 | 176,613.00 | 186,377.04 | 202,962.48 | 184,532.07 |
| Montana | 81,213.01 | 81,821.32 | 70,591.72 | 68,633.37 | 66,461.58 | 77,697.05 | 85,407.88 | 85,246.13 | 119,215.76 | 248,279.31 | 237,248.30 |
| Nebraska | 716,509.90 | 1,362,186.23 | 1,748,841.54 | 1,590,410.71 | 1,098,636.01 | 839,675.77 | 622,626.90 | 475,183.71 | 288,480.19 | 604,320.79 | 484,357.71 |
| Nevada | 3,687.89 | 2,079.37 | 1,751.94 | 2,717.96 | 1,578.69 | 2,067.19 | 640.00 | 640.00 | 2,960.35 | 3,480.48 | 1,909.31 |
| New Mexico | 151,800.87 | 78,528.56 | 68,075.31 | 67,894.29 | 57,909.48 | 64,730.39 | 59,397.95 | 57,503.08 | 78,049.19 | 108,573.87 | 103,586.89 |
| North Dakota | *b* ..... | *b* ..... | *b* ..... | *b* ..... | *b* ..... | *b* ..... | *b* ..... | 136,739.81 | 173,236.51 | 449,266.94 | 475,069.42 |
| Ohio | 40.00 | ..... | ..... | ..... | ..... | 240.00 | ..... | 80.00 | 195.00 | ..... | ..... |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | 903,962.10 | 1,081,883.64 | 294,786.14 | 1,580,940.05 | 851,861.18 |
| Oregon | 236,362.04 | 233,148.55 | 191,444.04 | 287,231.28 | 225,378.54 | 240,985.04 | 257,080.36 | 264,004.39 | 369,247.34 | 395,710.39 | 318,018.87 |
| South Dakota | *b* ..... | *b* ..... | *b* ..... | *b* ..... | *b* ..... | *b* ..... | *b* ..... | 200,468.31 | 237,531.76 | 642,062.58 | 746,847.31 |
| Utah | 58,639.05 | 60,691.46 | 63,538.81 | 76,975.27 | 45,513.08 | 49,355.44 | 41,869.35 | 49,206.87 | 51,558.11 | 87,609.24 | 96,287.20 |
| Washington | 375,735.94 | 419,365.12 | 259,264.84 | 290,513.13 | 269,499.75 | 328,070.88 | 480,635.79 | 406,557.50 | 535,746.94 | 382,147.52 | 277,954.75 |
| Wisconsin | 115,567.96 | 133,241.72 | 109,517.66 | 105,700.52 | 101,576.22 | 80,116.91 | 75,927.73 | 45,185.59 | 147,357.45 | 143,142.48 | 90,305.92 |
| Wyoming | 27,748.98 | 44,153.72 | 46,195.28 | 59,477.62 | 62,334.81 | 65,959.98 | 74,712.29 | 57,515.77 | 83,023.31 | 108,992.85 | 95,892.50 |
| Total | 8,171,914.38 | 7,831,509.88 | 7,415,885.58 | 9,145,135.76 | 7,594,350.16 | 6,676,615.93 | 6,029,230.26 | 5,531,678.60 | 5,040,898.72 | 7,716,062.33 | 6,808,791.56 |

*a* Admitted into the Union November 2, 1889, as two States. *b* See Dakota.

## No. 206.—Area in Acres of RAILROAD SELECTIONS of Public Lands in each State and Territory of the United States during each year ending June 30, from 1883 to 1893, inclusive.

[Prepared by the General Land Office.]

| States and Territories. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* |
| Alabama | 7,633.18 | 708.76 | 33,198.95 | | | 9,026.38 | 3,758.57 | | | 442.32 | |
| Arizona | | | 133,502.12 | 374,033.10 | 315,968.16 | 297,994.91 | 297,528.21 | 243,378.49 | 263,923.46 | 250,751.94 | 247,850.06 |
| Arkansas | | | | | | | 84,095.61 | 5,166.29 | 9,848.37 | | |
| California | 238,413.45 | 165,657.29 | 376,445.87 | 388,186.57 | 190,922.18 | 405,337.59 | 571,871.45 | 81,313.35 | 255,822.61 | 725,166.68 | 132,151.72 |
| Colorado | 12,914.20 | 49,393.37 | 14,252.08 | | | | | | 113,176.68 | 86,519.61 | 181,893.66 |
| Dakota | 614,511.65 | 5,001,710.16 | 790,693.70 | 59,542.65 | 24,275.42 | 3,833.12 | 434,143.60 | a34,506.20 | | | |
| Florida | | 81,000.97 | | | | 848,285.52 | 32,565.78 | 5,216.18 | 14,747.40 | 3,273.59 | |
| Idaho | | | | 9,450.00 | 3,966.95 | 62,989.00 | 46,164.00 | 640.97 | 681.55 | 30,072.92 | 483.18 |
| Iowa | | | 6,014.14 | 80.00 | 1,884.29 | 720.00 | 80.00 | 40.00 | 80.00 | 280.00 | 320.00 |
| Kansas | 295,587.31 | 390,137.67 | 195,046.05 | 93,359.45 | | 161,413.59 | 298,033.07 | 259,231.96 | 40.00 | 149,334.23 | 131,358.11 |
| Louisiana | | 1,015,913.76 | 19,887.14 | | | 8,164.34 | | | | | |
| Michigan | | | | | | | | | | | |
| Minnesota | 282,473.84 | 694,290.56 | 108,217.04 | 1,510.39 | 695.38 | 80.00 | 536.29 | 1,261.85 | 24,967.07 | 107,623.34 | 971.90 |
| Mississippi | 1,226.42 | | | | | | | | | 158,639.50 | |
| Missouri | | 40.00 | | | | 1,946.14 | 40.00 | 5,926.01 | | 200.00 | |
| Montana | 196,554.21 | 206,657.38 | 793,459.41 | 647,159.98 | 2,282,572.61 | 58,796.67 | 209,335.15 | 166,345.62 | 224,765.10 | 124,596.77 | 116,936.63 |
| Nebraska | | 476,234.54 | 178,039.35 | 511,606.07 | | | | 416,173.35 | 361,621.44 | 531,449.94 | 516,882.56 |
| Nevada | | | 60,612.25 | 55,628.18 | 38,710.58 | 9,823.35 | 9,266.71 | | 12,690.62 | 2,940.12 | |
| New Mexico | | | | | 23,014.38 | 509,871.92 | | 353,329.75 | 184,255.12 | 150,243.17 | 109,899.68 |
| North Dakota | | | | | | | | | 84,667.07 | 5,062.21 | 36,334.78 |
| Oregon | 191.34 | | 245,386.39 | | 194,206.95 | 348,307.55 | 52,812.82 | 88,941.63 | 32,116.15 | 89,415.55 | 70,291.92 |
| South Dakota | | | | | | | | | | | |
| Utah | | 78,406.15 | 17,123.11 | 104,941.31 | 100,118.32 | 47,643.34 | 10,770.77 | 107,474.44 | 90,991.98 | 92,319.65 | 63,967.90 |
| Washington | | 169,665.79 | 535,216.51 | 65,974.49 | 2,218,524.09 | 4,052,774.10 | 200,014.74 | 33,290.97 | 127,200.87 | 101,322.11 | 110,139.60 |
| Wisconsin | 319,890.11 | 13,338.03 | 51,819.99 | | 62,861.22 | 198,342.57 | 10,192.22 | 521.80 | 1,165.69 | | |
| Wyoming | | | | 75.11 | 114,586.80 | | 640.00 | | 44,811.51 | 160,789.49 | 247,862.87 |
| Total | 1,919,335.71 | 8,343,154.43 | 3,558,914.10 | 2,311,537.30 | 5,571,807.33 | 6,525,300.09 | 2,211,848.99 | 1,752,758.86 | 1,857,572.69 | 2,765,443.14 | 1,966,844.07 |

a Admitted into the Union November 2, 1889, as two States.

**No. 207.—NUMBER OF ACRES OF PUBLIC LANDS DISPOSED OF FOR CASH, UNDER THE HOMESTEAD ACTS, UNDER THE TIMBER-CULTURE ACTS, LOCATED WITH AGRICULTURAL COLLEGE AND OTHER KINDS OF SCRIP, AND LOCATED WITH MILITARY BOUNTY-LAND WARRANTS, AND SELECTED BY STATES AND RAILROADS IN THE SEVERAL STATES AND TERRITORIES DURING EACH YEAR ENDING JUNE 30, FROM 1883 TO 1893, INCLUSIVE.**

[Prepared by the General Land Office.]

| States and Territories. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* | *Acres.* |
| Alaska | | | | | | 99.12 | 422.08 | 275.31 | 551.57 | 52.31 | 101.97 |
| Alabama | 346,630.79 | 387,280.41 | 270,901.62 | 226,627.41 | 625,769.43 | 561,922.40 | 280,603.10 | 323,993.64 | 334,002.14 | 205,972.24 | 149,172.78 |
| Arkansas | 57,586.54 | 317,181.62 | 244,582.90 | 277,281.04 | 563,461.66 | 411,965.36 | 404,857.99 | 366,102.31 | 317,667.57 | 261,685.83 | 403,165.83 |
| Arizona | 461,215.87 | 49,644.64 | 278,174.78 | 534,139.30 | 468,656.28 | 562,933.30 | 426,216.05 | 360,761.63 | 353,131.07 | 397,775.19 | 250,282.32 |
| California | 951,376.61 | 1,112,655.75 | 1,295,909.03 | 1,348,678.46 | 1,475,296.04 | 2,104,364.26 | 1,586,293.01 | 820,645.59 | 1,089,379.80 | 1,573,130.01 | 866,759.10 |
| Colorado | 424,713.86 | 566,537.85 | 662,611.05 | 1,282,674.87 | 2,536,714.36 | 2,630,032.40 | 1,652,833.50 | 931,876.09 | 655,257.02 | 742,205.89 | 890,803.79 |
| Dakota | 7,317,236.98 | 11,082,818.44 | 4,547,749.77 | 3,075,085.11 | 2,096,315.55 | 1,705,712.62 | 2,103,413.67 | a | a | a | a |
| Florida | 452,268.08 | 714,818.77 | 282,515.55 | 231,799.46 | 1,520,880.11 | 1,266,308.21 | 2,080,146.33 | 160,171.95 | 146,571.71 | 165,621.96 | 351,664.53 |
| Idaho | 232,639.97 | 269,490.41 | 284,903.04 | 272,019.84 | 241,815.19 | 313,636.60 | 331,863.92 | 297,491.14 | 345,382.15 | 366,187.44 | 342,709.22 |
| Iowa | | 6,596.74 | 11,659.36 | 4,337.02 | 219,658.21 | 28,219.81 | 8,588.37 | 3,453.70 | 4,945.16 | 3,439.67 | 3,044.30 |
| Illinois | .56.70 | 237.98 | | | 19,639.20 | 1,579.59 | 121.04 | 196.30 | 516.10 | 44.25 | 455.42 |
| Indiana | 6,388.30 | 40.00 | | | 132.52 | 10,004.69 | 197.85 | | 3.10 | 81.25 | 3.39 |
| Kansas | 1,105,241.97 | 1,384,404.44 | 3,030,846.60 | 5,636,824.15 | 3,723,950.96 | 2,717,103.30 | 1,578,736.07 | 956,041.37 | 376,571.35 | 551,177.98 | 624,534.23 |
| Louisiana | 488,129.04 | 1,537,516.80 | 181,043.60 | 142,564.03 | 374,685.93 | 673,527.68 | 214,396.85 | 210,373.05 | 176,303.39 | 132,384.93 | 149,265.01 |
| Michigan | 361,200.22 | 285,192.78 | 89,511.23 | 109,963.94 | 138,881.62 | 122,731.50 | 157,816.76 | 122,699.03 | 116,554.21 | 106,576.17 | 106,256.41 |
| Minnesota | 1,555,954.65 | 1,646,468.53 | 624,379.49 | 417,732.58 | 694,356.87 | 491,764.75 | 328,612.57 | 294,265.37 | 323,734.76 | 590,674.66 | 413,926.69 |
| Missouri | 517,737.36 | 407,327.22 | 291,277.34 | 269,045.73 | 230,727.43 | 214,486.06 | 196,687.82 | 197,816.68 | 207,609.73 | 219,816.57 | 199,698.01 |
| Mississippi | 239,350.80 | 242,268.57 | 111,000.03 | 175,626.25 | 218,605.06 | 554,155.05 | 131,940.92 | 314,612.38 | 238,729.48 | 335,680.60 | 144,278.88 |
| Montana | 443,324.27 | 625,292.76 | 1,112,140.57 | 911,574.11 | 2,536,037.27 | 282,597.04 | 462,428.63 | 481,816.70 | 522,980.35 | 585,595.76 | 631,146.53 |
| Nebraska | 1,327,410.09 | 3,105,851.32 | 3,698,381.76 | 3,551,518.29 | 2,515,659.81 | 2,138,324.57 | 1,644,686.30 | 1,678,325.04 | 938,474.64 | 1,234,193.94 | 1,047,692.14 |
| New Mexico | 79,936.67 | 216,715.98 | 163,981.57 | 202,850.15 | 163,314.64 | 660,559.73 | 188,875.25 | 524,429.35 | 343,190.36 | 312,068.60 | 242,259.68 |
| Nevada | 249,195.70 | 83,143.35 | 171,430.94 | 280,998.87 | 308,488.79 | 425,155.01 | 126,905.69 | 116,766.52 | 65,760.43 | 82,339.62 | 104,162.03 |
| North Dakota | b | b | b | b | b | b | b | 478,187.56 | 415,660.04 | 706,550.47 | 768,319.30 |
| Ohio | 209.36 | 55.50 | | | | 240.00 | 240.00 | 185.93 | 275.00 | | |
| Oklahoma | | | | | | | 906,184.38 | 1,084,001.07 | 296,873.69 | 1,588,054.58 | 855,738.37 |
| Oregon | 504,828.80 | 604,696.60 | 788,287.71 | 504,863.78 | 754,875.71 | 889,239.97 | 691,934.98 | 766,144.56 | 786,512.00 | 762,780.83 | 718,764.48 |
| South Dakota | b | b | b | b | b | b | b | 697,446.73 | 589,879.17 | 1,040,655.19 | 970,644.82 |
| Utah | 111,913.86 | 199,353.89 | 184,853.62 | 299,776.06 | 241,446.18 | 238,998.33 | 141,916.58 | 269,284.86 | 217,939.10 | 229,279.50 | 215,471.72 |
| Washington | 764,448.23 | 1,085,753.72 | 1,016,117.76 | 544,828.49 | 2,652,587.09 | 4,575,194.10 | 1,024,991.61 | 936,921.79 | 1,047,817.45 | 792,684.42 | 745,898.37 |
| Wisconsin | 844,318.42 | 306,910.10 | 218,436.92 | 237,565.73 | 364,664.71 | 337,622.59 | 126,959.71 | 88,088.93 | 182,337.57 | 148,378.89 | 103,011.00 |
| Wyoming | 187,488.65 | 595,786.88 | 552,967.14 | 453,572.51 | 424,780.22 | 242,306.78 | 227,220.90 | 183,157.41 | 262,621.60 | 431,493.80 | 502,453.72 |
| Total | 19,030,796.89 | 26,834,041.03 | 20,113,663.38 | 20,991,967.18 | 25,111,400.84 | 24,160,784.82 | 17,026,091.93 | 12,665,531.99 | 10,357,231.71 | 13,566,552.55 | 11,801,686.04 |

a Admitted in the Union November 8, 1889, as two States, North Dakota and South Dakota.

b See Dakota.

**No. 208.**—NUMBER OF POST-OFFICES, EXTENT OF POST-ROUTES, AND REVENUE AND EXPENDITURES OF THE POST-OFFICE DEPARTMENT, INCLUDING AMOUNTS PAID FOR TRANSPORTATION OF THE MAIL DURING EACH YEAR FROM 1869 to 1893, INCLUSIVE.

[From the Annual Reports of the Postmaster-General.]

| Year ending June 30— | Number of post-offices. | Extent of post-routes. | Revenue of the Department. | Transportation of domestic mail. | Transportation of foreign mail. | Expenditure of the Department during the year. |
|---|---|---|---|---|---|---|
| | | *Miles.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1869 | 27,106 | 233,731 | 18,344,511 | 13,407,707 | 1,101,689.54 | 23,698,132 |
| 1870 | 28,492 | 231,232 | 19,772,221 | 13,129,640 | 1,115,333.36 | 23,998,838 |
| 1871 | 30,045 | 238,359 | 20,037,045 | 13,669,585 | 975,024.73 | 24,390,104 |
| 1872 | 31,863 | 251,398 | 21,915,426 | 15,498,392 | 1,026,891.26 | 26,658,192 |
| 1873 | 33,244 | 256.210 | 22,996,742 | 16,810,452 | 1,044,156.92 | 29,084,946 |
| 1874 | 34,294 | 269,097 | 26,471,072 | 18,548,974 | 988,393.54 | 32,126,415 |
| 1875 | 35,547 | 277,873 | 26,791,361 | 18,440,665 | 976,643.77 | 33,611,309 |
| 1876 | 36,383 | 281,798 | 28,644,198 | 17,791,362 | 753,610.02 | 33,263,488 |
| 1877 | 37,345 | 292,820 | 27,531,585 | 18,774,235 | 448,896.41 | 33,486,322 |
| 1878 | 39,258 | 301.966 | 29,277,517 | 19,080,808 | 199,979.87 | 34,165,084 |
| 1879 | 40,855 | 316,711 | 30,041,983 | 18,953,219 | 200,026.45 | 33,419,899 |
| 1880 | 42,989 | 343,888 | 33,315,479 | 20,857,802 | 199,809.28 | 36,542,804 |
| 1881 | 44,512 | 344,006 | 36,785,398 | 22,812,429 | 240,066.78 | 39,592,566 |
| 1882 | 46,231 | 343,618 | 41,876,410 | 22,460,473 | 280,500.67 | 40,482,021 |
| 1883 | 47,858 | 358,166 | 45,508,693 | 23,874,394 | 316.358.15 | 43,282,944 |
| 1884 | 50,017 | 359,530 | 48,335,958 | 25,014,478 | 332,221.21 | 47,224,560 |
| 1885 | 51,252 | 365,251 | 42,560,843 | 27,035,543 | 331,903.33 | 50,046,235 |
| 1886 | 53,614 | 368,660 | 43,948,423 | 27,614,540 | 391,856.00 | 51,004,744 |
| 1887 | 55,157 | 373,142 | 48,837,610 | 27,892,646 | 402,523.00 | 53,006,194 |
| 1888 | 57,376 | 403,977 | 52,695,177 | 29,347,959 | 547,395.03 | 56,468,315 |
| 1889 | 58,999 | 416,159 | 56,175,611 | 32,361,697 | 541,211.69 | 61,376,847 |
| 1890 | 62,401 | 427,990 | 60,882,097 | 34,116,243 | 563,630.52 | 65,930,717 |
| 1891 | 64,329 | 439,027 | 65,931,786 | 37,547,405 | 620,986.77 | 71,662,463 |
| 1892 | 67,119 | 447,591 | 70,930,476 | 39,082,919 | 774,016.22 | 76,323,762 |
| 1893 | 68,403 | 453,838 | 75,896,933 | 41,179,555 | 1,097,867.25 | 81,074,104 |

**No. 209.**—RAILROAD MILEAGE UPON WHICH MAIL WAS CARRIED, ANNUAL TOTAL COST AND AVERAGE ANNUAL COST PER MILE OF RAILROAD MAIL TRANSPORTATION, AND EXPENDITURE FOR RAILWAY MAIL SERVICE EMPLOYÉS IN THE UNITED STATES DURING EACH YEAR FROM 1868 to 1893, INCLUSIVE.

[Prepared in the Office of the Postmaster-General.]

| Year ending June 30— | Miles of railroad in operation. (a) | Miles of railroad upon which mail was carried. | Miles of annual transportation of mail by railroads. | Annual cost of railroad mail transportation. | Average annual cost per mile of railroad mail transportation. | Number of employés of Railway Mail Service. | Annual expenditure for all employés of the Railway Mail Service. |
|---|---|---|---|---|---|---|---|
| | | | | *Dollars.* | *Dollars.* | | *Dollars.* |
| 1868 | 42,229 | 36,018 | 34,886,178 | 4,177,126 | .1197 | 995 | 839,975 |
| 1869 | 46,844 | 39,537 | 41,399,284 | 4,723,680 | .1141 | 1,129 | 973,560 |
| 1870 | 52,922 | 43,727 | 47,551,970 | 5,128,901 | .1078 | 1,106 | 1,109,140 |
| 1871 | 60,293 | 49,834 | 55,557,048 | 5,724,979 | .1030 | 1,382 | 1,441,020 |
| 1872 | 66,171 | 57,911 | 62,491,749 | 6,502,771 | .1040 | 1,647 | 1,709,546 |
| 1873 | 70,268 | 63,457 | 65,621,445 | 7,257,196 | .1105 | 1,895 | 1,958,876 |
| 1874 | 72,385 | 67,734 | 72,460,545 | 8,589,663 | .1185 | 2,175 | 2,186,330 |
| 1875 | 74,096 | 70,063 | 75,154,910 | 9,216,518 | .1226 | 2,242 | 2,410,490 |
| 1876 | 76,808 | 72,348 | 77,714,172 | 9,543,134 | .1227 | 2,415 | 2,504,140 |
| 1877 | 79,088 | 74,546 | 85,358,710 | 8,053,936 | .1060 | 2,500 | 2,484,846 |
| 1878 | 81,767 | 77,120 | 92,120,395 | 9,566,595 | .1038 | 2,608 | 2,579,013 |
| 1879 | 86,584 | 79,991 | 93,092,992 | 9,792,589 | .1051 | 2,609 | 2,624,890 |
| 1880 | 93,296 | 85,320 | 96,497,463 | 10,648,986 | .1103 | 2,946 | 2,850,980 |
| 1881 | 103,143 | 91,569 | 103,521,229 | 11,963,117 | .1155 | 3,177 | 3,108,801 |
| 1882 | 114,712 | 100,563 | 113,995,318 | 13,127,715 | .1151 | 3,570 | 3,486,779 |
| 1883 | 121,455 | 110,208 | 129,198,641 | 13,887,800 | .1075 | 3,855 | 3,972,071 |
| 1884 | 125,379 | 117,160 | 142,541,392 | 15,012,603 | .1053 | 3,963 | 3,688,032 |
| 1885 | 128,361 | 121,032 | 151,910,845 | 16,627,983 | .1095 | 4,387 | 4,246,210 |
| 1886 | 136,379 | 123,933 | 165,699,389 | 17,336,512 | .1045 | 4,573 | 4,467,717 |
| 1887 | 149,257 | 130,949 | 169,689,866 | 18,056,272 | .1064 | 4,851 | 4,694,562 |
| 1888 | 156,169 | 143,713 | 185,485,783 | 19,524,959 | .1052 | 5,094 | 4,981,366 |
| 1889 | 161,353 | 150,381 | 204,192,489 | 21,639,613 | .1059 | 5,448 | 5,250,838 |
| 1890 | 166,702 | 154,779 | 215,715,680 | 23,395,232 | .1084 | 5,836 | 5,562,844 |
| 1891 | 170,601 | 159,518 | 228,719,900 | 25,183,714 | .1101 | 6,032 | 5,904,381 |
| 1892 | 174,750 | 162,576 | 239,731,509 | 27,126,529 | .1131 | 6,417 | 6,480,684 |
| 1893 | 171,805 | 166,952 | 252,750,574 | 28,910,195 | .1143 | 6,645 | 6,733,410 |

a At the end of each calendar year.

## No. 210.—POPULATION OF THE UNITED

[From the reports of the

| States and Territories. | 1790. | | 1800. | | 1810. | | 1820. | | 1830. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. |
| Alabama | .... | ..... | .... | ..... | .... | ..... | 19 | 127,901 | 15 | 309,527 |
| Arizona | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Arkansas | .... | ..... | .... | ..... | .... | ..... | 26 | 14,255 | 28 | 30,388 |
| California | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Colorado | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Connecticut | 8 | 237,946 | 8 | 251,002 | 9 | 261,942 | 14 | 275,148 | 16 | 297,675 |
| Dakota | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Delaware | 16 | 59,096 | 17 | 64,273 | 19 | 72,674 | 22 | 72,749 | 24 | 76,748 |
| Dist. of Columbia | .... | ..... | 19 | 14,093 | 22 | 24,023 | 25 | 33,039 | 25 | 39,834 |
| Florida | .... | ..... | .... | ..... | .... | ..... | .... | ..... | 26 | 34,730 |
| Georgia | 13 | 82,548 | 12 | 162,686 | 11 | 252,433 | 11 | 340,985 | 10 | 516,823 |
| Idaho | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Illinois | .... | ..... | .... | ..... | 24 | 12,282 | 24 | 55,162 | 20 | 157,445 |
| Indiana | .... | ..... | 21 | 5,641 | 21 | 24,520 | 18 | 147,178 | 13 | 343,031 |
| Iowa | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Kansas | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Kentucky | 14 | 73,677 | 9 | 220,955 | 7 | 406,511 | 6 | 564,135 | 6 | 687,917 |
| Louisiana | .... | ..... | .... | ..... | 18 | 76,556 | 17 | 152,923 | 19 | 215,739 |
| Maine | 11 | 96,540 | 14 | 151,719 | 14 | 228,705 | 12 | 298,269 | 12 | 399,455 |
| Maryland | 6 | 319,728 | 7 | 341,548 | 8 | 380,546 | 10 | 407,350 | 11 | 447,040 |
| Massachusetts | 4 | 378,787 | 5 | 422,845 | 5 | 472,040 | 7 | 523,159 | 8 | 610,408 |
| Michigan | .... | ..... | .... | ..... | 25 | 4,762 | 27 | 8,765 | 27 | 31,639 |
| Minnesota | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Mississippi | .... | ..... | 20 | 8,850 | 20 | 40,352 | 21 | 75,448 | 22 | 136,621 |
| Missouri | .... | ..... | .... | ..... | 23 | 20,845 | 23 | 66,557 | 21 | 140,455 |
| Montana | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Nebraska | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Nevada | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| New Hampshire | 10 | 141,885 | 11 | 183,858 | 16 | 214,460 | 15 | 244,022 | 18 | 269,328 |
| New Jersey | 9 | 184,139 | 10 | 211,149 | 12 | 245,562 | 13 | 277,426 | 14 | 320,823 |
| New Mexico | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| New York | 5 | 340,120 | 3 | 589,051 | 2 | 959,049 | 1 | 1,372,111 | 1 | 1,918,608 |
| North Carolina | 3 | 393,751 | 4 | 478,103 | 4 | 555,500 | 4 | 638,829 | 5 | 737,987 |
| Ohio | .... | ..... | 18 | 45,365 | 13 | 280,760 | 5 | 581,295 | 4 | 937,903 |
| Oklahoma | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Oregon | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Pennsylvania | 2 | 434,373 | 2 | 602,365 | 3 | 810,091 | 3 | 1,047,507 | 2 | 1,348,233 |
| Rhode Island | 15 | 68,825 | 16 | 69,122 | 17 | 76,931 | 20 | 83,015 | 23 | 97,199 |
| South Carolina | 7 | 249,073 | 6 | 345,591 | 6 | 415,115 | 8 | 502,741 | 9 | 581,185 |
| Tennessee | 17 | 35,691 | 15 | 105,602 | 10 | 261,727 | 9 | 422,771 | 7 | 681,904 |
| Texas | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Utah | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Vermont | 12 | 85,425 | 13 | 154,465 | 15 | 217,895 | 16 | 235,966 | 17 | 280,652 |
| Virginia | 1 | 747,610 | 1 | 880,200 | 1 | 974,600 | 2 | 1,065,116 | 3 | 1,211,405 |
| Washington | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| West Virginia | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Wisconsin | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Wyoming | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| The United States | .... | 3,929,214 | .... | 5,308,483 | .... | 7,239,881 | .... | 9,638,822 | .... | d12,866,020 |

NOTE.—[1] According to the census the population of Alaska for 1880 was 33,426 and for 1890, 32,052, of which latter 4,298 are white, 23,531 Indian, 2,288 Mongolian, 1,823 mixed blood, and 112 all other persons.

[2] According to the census of 1890 the population of Indian Territory was as follows: Five-tribe Indians (Cherokees, Creeks, Seminoles, Chocktaws, and Chickasaws), 45,494; other Indians, 4,561; total Indians, 50,055. Colored and five-tribes colored citizen claimants, 18,636; Chinese, 13; whites, including some Indian citizen claimants, 109,384; unknown, 9: Quapaw Indian Agency, 1,224; total, 179,321.

[3] The total population returned by the Indian census enumerators was 325,464. This included 189,349 reservation Indians and other Indians not taxed; 109,384 whites and 18,636 colored persons, 13 Chinese, and 9 unknown in Indian Territory, and 8,073 whites, employés and others, on reservations and at posts.

[4] The total number of Indians, exclusive of Alaska, in the United States on June 1, 1890, was 248,155, divided as follows:

| | |
|---|---|
| Reservation Indians and other Indians not taxed | 189,349 |
| Taxed Indians counted in the general census | 58,806 |
| Total | 248,155 |

## STATES AT EACH CENSUS, FROM 1790 TO 1890.

Superintendents of the Census.]

| 1840. | | 1850. | | 1860. | | 1870. | | 1880. | | 1890. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. | Rank in population. | Population. |
| 12 | 590,756 | 12 | 771,623 | 13 | 964,201 | 16 | 996,992 | 17 | 1,262,505 | 17 | 1,513,017 |
| | | | | | | 46 | 9,658 | 44 | 40,440 | 43 | 59,620 |
| 25 | 97,574 | 26 | 209,897 | 25 | 435,450 | 26 | 484,471 | 25 | 802,525 | 24 | 1,128,179 |
| | | 29 | 92,597 | 26 | 379,994 | 24 | 560,247 | 24 | 864,694 | 22 | 1,208,130 |
| | | | | 38 | 34,277 | 41 | 39,864 | 35 | 194,327 | 31 | 412,198 |
| 20 | 309,978 | 21 | 370,792 | 24 | 460,147 | 25 | 537,454 | 28 | 622,700 | 29 | 746,258 |
| | | | | 42 | 4,837 | 45 | 14,181 | 40 | 135,177 | {41 | a 182,719 |
| | | | | | | | | | | {37 | b 328,808 |
| 26 | 78,085 | 30 | 91,532 | 32 | 112,216 | 35 | 125,015 | 38 | 146,608 | 42 | 168,493 |
| 28 | 43,712 | 33 | 51,687 | 35 | 75,080 | 34 | 131,700 | 36 | 177,624 | 39 | 230,392 |
| 27 | 54,477 | 31 | 87,445 | 31 | 140,424 | 33 | 187,748 | 34 | 269,493 | 32 | 391,422 |
| 9 | 691,392 | 9 | 906,185 | 11 | 1,057,286 | 12 | 1,184,109 | 13 | 1,542,180 | 12 | 1,837,353 |
| | | | | | | 44 | 14,999 | 46 | 32,610 | 45 | 84,385 |
| 14 | 476,183 | 11 | 851,470 | 4 | 1,711,951 | 4 | 2,539,891 | 4 | 3,077,871 | 3 | 3,826,351 |
| 10 | 685,866 | 7 | 988,416 | 6 | 1,350,428 | 6 | 1,680,637 | 6 | 1,978,301 | 8 | 2,192,404 |
| 29 | 43,112 | 27 | 192,214 | 20 | 674,913 | 11 | 1,194,020 | 10 | 1,624,615 | 10 | 1,911,896 |
| | | | | 33 | 107,206 | 29 | 364,399 | 20 | 996,096 | 19 | 1,427,096 |
| 6 | 779,828 | 8 | 982,405 | 9 | 1,155,684 | 8 | 1,321,011 | 8 | 1,648,690 | 11 | 1,858,635 |
| 19 | 352,411 | 18 | 517,762 | 17 | 708,002 | 21 | 726,915 | 22 | 939,946 | 25 | 1,118,587 |
| 13 | 501,793 | 16 | 583,169 | 22 | 628,279 | 23 | 626,915 | 27 | 648,936 | 30 | 661,086 |
| 15 | 470,019 | 17 | 583,034 | 19 | 687,049 | 20 | 780,894 | 23 | 934,943 | 27 | 1,042,390 |
| 8 | 737,699 | 6 | 994,514 | 7 | 1,231,066 | 7 | 1,457,351 | 7 | 1,783,085 | 6 | 2,238,943 |
| 23 | 212,267 | 20 | 397,654 | 16 | 749,113 | 18 | 1,184,059 | 9 | 1,636,937 | 9 | 2,093,889 |
| | | 36 | 6,077 | 30 | 172,023 | 28 | 439,706 | 26 | 780,773 | 20 | 1,301,826 |
| 17 | 375,651 | 15 | 606,526 | 14 | 791,305 | 18 | 827,922 | 18 | 1,131,597 | 21 | 1,289,600 |
| 16 | 383,702 | 13 | 682,044 | 8 | 1,182,012 | 5 | 1,721,295 | 5 | 2,168,380 | 5 | 2,679,184 |
| | | | | | | 43 | 20,595 | 45 | 39,159 | 44 | 182,159 |
| | | | | 39 | 28,841 | 36 | 122,993 | 30 | 452,402 | 26 | 1,058,910 |
| | | | | 41 | 6,857 | 40 | 42,491 | 43 | 62,266 | 49 | 45,761 |
| 22 | 284,574 | 22 | 317,976 | 27 | 326,073 | 31 | 318,300 | 31 | 346,991 | 33 | 376,530 |
| 18 | 373,306 | 19 | 489,555 | 21 | 672,035 | 17 | 906,096 | 19 | 1,131,116 | 18 | 1,444,933 |
| | | 32 | 61,547 | 34 | 93,516 | 37 | 91,874 | 41 | 119,565 | 43 | 153,593 |
| 1 | 2,428,921 | 1 | 3,097,394 | 1 | 3,880,735 | 1 | 4,382,759 | 1 | 5,082,871 | 1 | 5,997,853 |
| 7 | 753,419 | 10 | 869,039 | 12 | 992,622 | 14 | 1,071,361 | 15 | 1,399,750 | 16 | 1,617,947 |
| 3 | 1,519,467 | 3 | 1,980,329 | 3 | 2,339,511 | 3 | 2,665,260 | 3 | 3,198,062 | 4 | 3,672,316 |
| | | | | | | | | | | 46 | c 61,834 |
| | | 34 | 13,294 | 36 | 52,465 | 38 | 90,923 | 37 | 174,768 | 38 | 313,767 |
| 2 | 1,724,033 | 2 | 2,311,786 | 2 | 2,906,215 | 2 | 3,521,951 | 2 | 4,282,891 | 2 | 5,258,014 |
| 24 | 108,830 | 28 | 147,545 | 29 | 174,620 | 32 | 217,353 | 33 | 276,531 | 35 | 345,506 |
| 11 | 594,398 | 14 | 668,507 | 18 | 703,708 | 22 | 705,606 | 21 | 995,577 | 23 | 1,151,149 |
| 5 | 829,210 | 5 | 1,002,717 | 10 | 1,109,801 | 9 | 1,258,520 | 12 | 1,542,359 | 13 | 1,767,518 |
| | | 25 | 212,592 | 23 | 604,215 | 19 | 818,579 | 11 | 1,591,749 | 7 | 2,235,523 |
| | | 35 | 11,380 | 37 | 40,273 | 39 | 86,786 | 39 | 143,963 | 40 | 207,905 |
| 21 | 291,948 | 23 | 314,120 | 28 | 315,098 | 30 | 330,551 | 32 | 332,286 | 36 | 332,422 |
| 4 | 1,239,797 | 4 | 1,421,661 | 5 | 1,596,318 | 10 | 1,225,163 | 14 | 1,512,565 | 15 | 1,655,980 |
| | | | | 40 | 11,594 | 42 | 23,955 | 42 | 75,116 | 34 | 349,390 |
| | | | | | | 27 | 442,014 | 29 | 618,457 | 28 | 762,794 |
| 30 | 30,945 | 24 | 305,391 | 15 | 775,881 | 15 | 1,054,670 | 16 | 1,315,497 | 14 | 1,686,880 |
| | | | | | | 47 | 9,118 | 47 | 20,789 | 47 | 60,705 |
| | e 17,069,453 | | 23,191,876 | | 31,443,321 | | 38,558,371 | | 50,155,783 | | 62,622,250 |

a North Dakota.
b South Dakota.
c Including 5,338 persons in Greer County (in Indian Territory), claimed by Texas.
d Includes 5,318 persons on public ships in the service of the United States not credited to any State or Territory.
e Includes 6,100 persons on public ships in the service of the United States not credited to any State or Territory.

## No. 211.—AGE, POPULATION, ENROLLMENT, AND DAILY ATTENDANCE OF PUPILS; AVERAGE DURATION OF SCHOOL TERMS; NUMBER, SEX, AND SALARY OF INSTRUCTORS IN, AND TOTAL EXPENDITURES FOR, THE PUBLIC SCHOOLS IN EACH STATE AND TERRITORY FOR EACH OF THE YEARS 1872, 1882, AND 1892.

[Furnished by the Commissioner of Education.]

### 1872.

| States and Territories. | Estimated number of children 5 to 18 years of age. | Pupils. | | Average duration of school in days. | Teachers. | | | | Total expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| | | Number enrolled in public schools. | Average daily attendance. | | Male. | Female. | Total. | Salary of superintendents and teachers. | |
| | | | | | | | | *Dollars.* | *Dollars.* |
| NORTH ATLANTIC DIVISION. | | | | | | | | | |
| Maine | 173,800 | a 146,700 | 97,596 | 97 | a 1,610 | a 4,930 | a 6,540 | a 598,400 | 935,266 |
| New Hampshire | 78,800 | 72,762 | 49,293 | 98.5 | 585 | 3,241 | 3,826 | a 312,100 | 468,528 |
| Vermont | 89,100 | 70,094 | a 47,200 | 119 | 671 | 3,544 | 4,215 | 397,166 | 575,275 |
| Massachusetts | 384,900 | 276,602 | 205,252 | 168 | 1,024 | 7,419 | 8,443 | a 3,201,100 | 5,576,281 |
| Rhode Island | 59,100 | a 33,900 | 22,428 | 170 | a 190 | a 770 | a 960 | a 298,800 | 465,624 |
| Connecticut | 142,100 | 114,805 | 62,856 | 173.3 | a 764 | a 2,680 | a 3,444 | 888,872 | 1,528,440 |
| New York | 1,247,000 | 1,024,130 | 494,850 | 175 | 6,670 | 21,987 | 28,657 | 7,047,643 | 10,416,588 |
| New Jersey | 273,400 | 178,826 | 99,444 | 190 | 955 | 2,120 | 3,075 | a 1,559,100 | 2,263,070 |
| Pennsylvania | 1,111,000 | 834,813 | 596,221 | 128 | 7,753 | 10,615 | 18,368 | 4,104,274 | 8,233,073 |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | |
| Delaware | 40,400 | 19,340 | a 12,200 | 140 | a 137 | a 291 | a 428 | a 120,000 | 197,396 |
| Maryland | 251,100 | 114,974 | 55,168 | 175 | a 1,020 | a 1,313 | 2,333 | 858,069 | 1,238,101 |
| District of Columbia | 87,300 | 15,555 | 11,613 | 200 | 26 | 237 | 263 | 185,954 | 479,996 |
| Virginia | 414,000 | 166,377 | 95,488 | 114.4 | 2,570 | 1,283 | 3,853 | 688,361 | 993,319 |
| West Virginia | 160,600 | 85,765 | 56,317 | 80.8 | 2,095 | 550 | 2,645 | 376,982 | 536,737 |
| North Carolina | 376,700 | a 145,000 | a 94,000 | a 50 | a 2,010 | a 790 | a 2,800 | a 175,000 | a 204,000 |
| South Carolina | 250,700 | 76,322 | a 51,600 | 100 | 1,363 | 822 | 2,185 | 268,092 | 232,451 |
| Georgia | 426,500 | a 14,000 | a 9,500 | a 110 | a 220 | a 180 | a 400 | a 128,000 | a 135,000 |
| Florida | 68,200 | 16,258 | a 12,600 | ..... | a 260 | a 140 | a 400 | a 93,000 | 101,820 |
| SOUTH CENTRAL DIVISION. | | | | | | | | | |
| Kentucky | 471,600 | a 181,000 | a 117,000 | a 110 | a 3,510 | a 1,710 | a 5,220 | a 330,000 | 941,304 |
| Tennessee | 445,600 | a 180,000 | a 114,000 | a 77 | a 2,910 | a 940 | a 3,850 | a 766,000 | a 833,000 |
| Alabama | 357,400 | a 109,000 | a 83,000 | 71 | a 1,800 | a 900 | a 2,700 | a 275,000 | a 300,000 |
| Mississippi | 297,700 | 148,780 | 125,000 | 115 | a 2,910 | a 1,890 | 4,800 | 702,278 | 1,624,196 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Louisiana | 239,300 | 65,868 | a46,300 | 65 | a790 | a700 | a1,490 | a547,000 | 674,521 |
| Texas | 821,100 | 127,672 | 81,653 | a140 | a2,040 | a585 | 2,625 | 1,146,777 | 1,334,861 |
| Arkansas | 182,000 | a66,000 | a44,000 | ..... | a1,400 | a410 | a1,810 | a375,000 | 441,597 |
| NORTH CENTRAL DIVISION. | | | | | | | | | |
| Ohio | 866,000 | 694,343 | 408,538 | 154.6 | 9,718 | 12,343 | 22,061 | 4,349,178 | 6,817,358 |
| Indiana | 577,500 | 459,451 | 295,125 | 116 | 7,630 | 4,931 | 12,561 | 1,669,155 | 3,559,899 |
| Illinois | 842,300 | 662,049 | 329,799 | 138 | 9,094 | 11,330 | 20,924 | 4,463,029 | 7,016,429 |
| Michigan | 376,000 | 303,537 | a201,000 | 150 | 3,035 | 8,624 | 11,659 | 1,660,226 | 3,003,257 |
| Wisconsin | 363,800 | 270,292 | a134,000 | 153 | a2,672 | a6,595 | 9,267 | 1,352,695 | 2,004,155 |
| Minnesota | 158,000 | 120,352 | 55,356 | a83 | 1,656 | 3,055 | 4,711 | 547,948 | 1,130,616 |
| Iowa | 415,500 | 340,789 | 214,905 | 130 | 5,901 | 9,320 | 15,221 | 2,130,047 | 4,065,666 |
| Missouri | 600,600 | 399,956 | 208,880 | 100 | 5,756 | 3,106 | 8,862 | 1,320,957 | 1,904,997 |
| Dakota | 5,300 | 1,973 | a1,250 | a75 | 28 | 84 | 112 | 16,525 | 34,203 |
| Nebraska | 45,400 | 28,786 | a17,700 | 74 | 773 | 739 | 1,512 | 201,496 | 534,096 |
| Kansas | 134,600 | 106,663 | 61,538 | 108 | 1,747 | 2,048 | 3,795 | 596,612 | 1,481,281 |
| WESTERN DIVISION. | | | | | | | | | |
| Montana | 2,600 | a1,770 | a1,180 | a89 | a44 | a37 | a81 | a26,000 | a38,200 |
| Wyoming | 1,200 | a600 | a330 | a200 | a3 | a8 | a11 | a8,000 | a12,000 |
| Colorado | 11,900 | 5,389 | 3,042 | 106 | 78 | 101 | 179 | 54,186 | 101,682 |
| New Mexico | 30,500 | a2,450 | a1,640 | a111 | a61 | a6 | a67 | a8,700 | a8,700 |
| Arizona | 2,200 | a350 | 262 | 120 | 5 | 3 | 8 | 3,401 | 5,529 |
| Utah | 33,300 | a16,500 | a12,300 | a150 | a187 | 170 | a357 | a80,000 | a120,000 |
| Nevada | 6,200 | 3,372 | 2,080 | 146 | 29 | 47 | 76 | a60,000 | 98,469 |
| Idaho | 2,300 | 1,416 | a940 | a50 | 26 | 34 | 60 | 14,715 | 17,220 |
| Washington | 8,100 | a5,500 | a3,700 | a80 | a85 | a101 | a186 | a28,000 | a39,000 |
| Oregon | 32,700 | a21,000 | 15,000 | a90 | a300 | a280 | 580 | a140,000 | 180,000 |
| California | 150,200 | 94,720 | 65,700 | 127.6 | 881 | 1,420 | 2,301 | 1,321,949 | 1,881,333 |
| North Atlantic division | 3,559,200 | 2,752,132 | 1,615,140 | 151.9 | 20,222 | 57,306 | 77,528 | 18,407,355 | 30,462,145 |
| South Atlantic division | 2,025,500 | 653,591 | 396,486 | 103.4 | 9,701 | 5,606 | 15,307 | 2,393,452 | 4,168,832 |
| South central division | 2,314,700 | 878,320 | 610,953 | 97.7 | 15,360 | 7,135 | 22,495 | 4,582,055 | 5,549,419 |
| North central division | 4,885,000 | 3,378,196 | 1,923,091 | 136.1 | 48,010 | 62,675 | 110,685 | 18,307,868 | 31,551,957 |
| Western division | 281,200 | 153,067 | 106,174 | 121.8 | 1,699 | 2,207 | 3,906 | 1,744,951 | 2,502,133 |
| United States | 13,565,600 | 7,815,306 | 4,658,844 | 133.4 | 94,992 | 134,929 | 229,921 | 45,935,681 | 74,234,476 |

a Estimated.

## No. 211.—PUBLIC SCHOOL STATISTICS, ETC., 1872, 1882, AND 1892—Continued.

### 1882.

| States and Territories. | Estimated number of children 5 to 18 years of age. | Pupils. | | Average duration of school in days. | Teachers. | | | | Total expenditure. |
|---|---|---|---|---|---|---|---|---|---|
| | | Number enrolled in public schools. | Average daily attendance. | | Male. | Female. | Total. | Salaries of superintendents and teachers. | |
| NORTH ATLANTIC DIVISION. | | | | | | | | *Dollars.* | *Dollars.* |
| Maine | 166,000 | 147,988 | 99,940 | 106 | a1,932 | a5,865 | 7,797 | a704,600 | 1,081,834 |
| New Hampshire | 80,060 | 64,349 | 43,996 | 96.3 | 477 | 3,117 | 3,594 | 431,745 | 575,809 |
| Vermont | 85,390 | 74,000 | 47,772 | 126.5 | 653 | 3,723 | 4,376 | 381,608 | 476,478 |
| Massachusetts | 443,200 | 330,421 | 235,739 | 178 | 1,079 | 7,858 | 8,937 | a3,732,600 | 5,881,124 |
| Rhode Island | 71,100 | 41,658 | 27,467 | 184 | 182 | 933 | 1,115 | 418,713 | 574,129 |
| Connecticut | 159,300 | 121,185 | 78,438 | 179.7 | a696 | a3,056 | a3,752 | 1,056,268 | 1,553,065 |
| New York | 1,364,000 | 1,041,068 | 569,471 | 176.5 | 7,123 | 24,110 | 31,233 | 8,075,832 | 11,183,027 |
| New Jersey | 827,600 | 209,526 | 113,532 | 192 | 911 | 2,594 | 3,505 | a1,509,700 | 2,142,385 |
| Pennsylvania | 1,299,000 | 945,345 | 611,317 | 139.8 | 9,051 | 12,778 | 21,829 | 4,868,718 | 8,151,245 |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | |
| Delaware | 43,600 | 26,900 | 17,838 | 156 | a270 | a352 | 622 | 136,289 | 181,780 |
| Maryland | 284,400 | 159,945 | 83,189 | 187 | 1,220 | 1,977 | 3,197 | 1,196,559 | 1,651,909 |
| District of Columbia | 49,710 | a27,640 | a21,370 | a189 | a41 | a445 | a486 | 324,609 | 579,312 |
| Virginia | 504,700 | 257,362 | 144,904 | 118.2 | 3,181 | 2,416 | 5,597 | 940,851 | 1,157,142 |
| West Virginia | 215,500 | 155,544 | 96,652 | 90 | 3,045 | 1,315 | 4,360 | 563,509 | 865,872 |
| North Carolina | 473,900 | 243,479 | 138,712 | 62.5 | 3,586 | 1,587 | 5,173 | 447,294 | 573,088 |
| South Carolina | 348,100 | 145,974 | 101,816 | 80 | 1,940 | 1,473 | 3,413 | 368,208 | 389,834 |
| Georgia | 537,000 | 256,432 | 164,180 | 65 | a4,150 | a2,350 | a6,500 | a545,000 | 584,174 |
| Florida | 95,530 | 52,500 | a34,200 | ..... | a310 | a570 | a1,380 | a132,000 | a145,000 |
| SOUTH CENTRAL DIVISION. | | | | | | | | | |
| Kentucky | 558,400 | 281,004 | 181,652 | a100 | 4,511 | 3,311 | 7,822 | a1,060,000 | 1,273,804 |
| Tennessee | 532,400 | a295,000 | a206,000 | 73 | a4,760 | a1,600 | a6,360 | a744,000 | a850,009 |
| Alabama | 442,800 | 177,428 | 114,527 | 79.4 | 2,938 | 1,626 | 4,564 | a537,000 | a579,000 |
| Mississippi | 402,200 | 214,061 | 135,316 | 75.5 | 3,046 | 2,136 | 5,182 | 680,640 | 680,640 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Louisiana | 314,800 | 94,059 | a66,500 | 88.2 | 945 | 1,024 | 1,969 | 440,121 | 512,583 |
| Texas | 563,700 | a280,000 | a164,000 | 98 | a5,070 | a1,960 | a7,030 | a1,840,000 | a1,520,000 |
| Arkansas | 295,100 | 117,696 | a78,500 | ..... | 2,044 | 457 | 2,501 | 438,616 | 503,857 |
| NORTH CENTRAL DIVISION. | | | | | | | | | |
| Ohio | 968,700 | 782,652 | 483,232 | 155 | 11,086 | 13,049 | 24,135 | 5,528,990 | 8,344,476 |
| Indiana | 625,900 | 498,792 | 305,513 | 133 | 7,274 | 5,985 | 13,259 | 2,971,535 | 4,516,748 |
| Illinois | 969,700 | 713,431 | 452,485 | 143 | 8,075 | 14,225 | 22,300 | 5,060,612 | 7,643,341 |
| Michigan | 485,700 | 385,504 | a255,000 | 148 | 8,887 | 10,580 | 14,467 | 2,193,903 | 3,436,273 |
| Wisconsin | 423,900 | 303,452 | a164,000 | a158 | 2,456 | 7,631 | 10,087 | 1,483,949 | 2,125,468 |
| Minnesota | 260,500 | 189,239 | 87,239 | 98 | 1,675 | 3,941 | 5,616 | 1,067,992 | 1,935,364 |
| Iowa | 522,800 | 406,947 | 253,688 | 142 | 6,044 | 16,037 | 22,081 | 3,218,320 | 5,274,867 |
| Missouri | 726,100 | 492,749 | a307,000 | a112 | 6,089 | 5,787 | 11,826 | 2,226,610 | 3,193,739 |
| Dakota | 44,300 | 25,461 | a15,500 | a94 | 346 | 687 | 1,033 | a120,000 | 314,484 |
| Nebraska | 166,500 | 115,546 | a68,500 | 111 | 1,862 | 3,507 | 5,369 | 729,477 | 1,358,348 |
| Kansas | 399,300 | 269,978 | 162,017 | 110.2 | 3,336 | 4,864 | 8,250 | 1,296,256 | 2,194,174 |
| WESTERN DIVISION. | | | | | | | | | |
| Montana | 8,630 | 6,264 | 3,808 | 125 | 64 | 127 | 191 | a70,000 | 104,128 |
| Wyoming | 4,810 | a2,900 | a1,920 | a119 | 24 | a55 | a79 | a30,400 | a37,500 |
| Colorado | 48,660 | 31,738 | 18,488 | a144 | a270 | 630 | 900 | 300,128 | 661,419 |
| New Mexico | 37,070 | a7,700 | a5,400 | a99 | a176 | a68 | a244 | a39,600 | a57,000 |
| Arizona | 9,020 | a3,800 | a2,650 | a116 | 44 | 82 | 126 | a49,000 | 83,268 |
| Utah | 51,400 | 27,216 | 17,594 | 139 | 283 | 296 | 579 | 121,037 | 185,538 |
| Nevada | 11,060 | 3,158 | 5,286 | 146 | 54 | 148 | 202 | 133,385 | 164,327 |
| Idaho | 9,360 | a6,100 | a4,170 | a88 | a118 | a82 | 200 | a40,000 | 46,855 |
| Washington | 26,800 | a17,600 | a11,200 | a91 | a250 | a402 | a652 | a115,000 | a185,000 |
| Oregon | 55,370 | 37,743 | 27,347 | 90 | 662 | 750 | 1,412 | 257,953 | 338,386 |
| California | 228,900 | 168,024 | 107,177 | 155.4 | 1,156 | 2,621 | 3,777 | 2,456,311 | 3,122,666 |
| North Atlantic Division | 3,995,650 | 2,975,540 | 1,822,672 | 160.6 | 22,104 | 64,034 | 86,138 | 21,169,784 | 31,619,096 |
| South Atlantic Division | 2,552,440 | 1,325,776 | 802,861 | 95.9 | 18,243 | 12,485 | 30,728 | 4,654,314 | 6,128,117 |
| South Central Division | 3,109,400 | 1,459,268 | 946,496 | 82.5 | 23,314 | 12,114 | 35,428 | 5,240,377 | 5,919,884 |
| North Central Division | 5,527,400 | 4,133,751 | 2,554,174 | 137 | 52,130 | 86,293 | 138,423 | 25,917,644 | 40,337,282 |
| Western Division | 486,280 | 317,243 | 205,040 | 136.2 | 3,101 | 5,261 | 8,362 | 3,612,314 | 4,986,067 |
| United States | 15,671,170 | 10,211,578 | 6,331,243 | 131.2 | 118,892 | 180,187 | 299,079 | 60,594,933 | 88,990,466 |

a Estimated.

## No. 211.—PUBLIC SCHOOL STATISTICS, ETC., 1872, 1882, AND 1892—Continued.

### 1892.

| States and Territories. | Number of children 5 to 18 years of age. a | Pupils. | | Average duration of schools in days. | Teachers. | | | Salaries of teachers and superintendents. | Total expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| | | Number enrolled in public schools. | Average daily attendance. | | Male. | Female. | Total. | | |
| NORTH ATLANTIC DIVISION. | | | | | | | | *Dollars.* | *Dollars.* |
| Maine | 161,800 | 136,634 | 90,191 | 128 | a 1,116 | a 6,570 | 7,686 | a 857,244 | 1,893,833 |
| New Hampshire | 85,800 | 61,271 | 43,508 | 121.6 | 290 | 2,814 | 3,104 | 561,441 | 850,886 |
| Vermont | 80,410 | 65,314 | 45,057 | 138 | 538 | 3,813 | 4,351 | 558,719 | 738,056 |
| Massachusetts | 528,400 | 383,217 | 283,648 | 171 | 992 | 9,978 | 10,965 | a 5,400,724 | 9,315,557 |
| Rhode Island | 89,470 | 52,737 | 37,001 | 138 | 156 | 1,276 | 1,432 | 659,929 | 1,267,369 |
| Connecticut | 181,700 | 130,971 | 84,887 | 182.3 | a 498 | a 3,754 | a 4,252 | 1,461,427 | 2,269,260 |
| New York | 1,481,000 | 1,073,098 | 665,574 | 185 | 5,292 | 26,869 | 32,161 | 11,808,167 | 18,365,562 |
| New Jersey | a 405,222 | 243,254 | 150,569 | 190 | 766 | 4,015 | 4,781 | 2,469,177 | 3,966,879 |
| Pennsylvania | 1,529,000 | 1,082,113 | 708,719 | 155.4 | 8,162 | 17,177 | 25,339 | 7,766,657 | 14,329,140 |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | |
| Delaware | 47,491 | b 31,434 | b 19,649 | c 180 | c 191 | c 541 | c 732 | 225,000 | c 286,613 |
| Maryland | 312,000 | 189,129 | 105,063 | 184 | 1,040 | 3,011 | 4,051 | 1,618,829 | 2,149,972 |
| District of Columbia | 65,600 | 39,678 | 29,762 | 185 | 111 | 734 | 845 | 586,386 | 964,070 |
| Virginia | 580,800 | 335,646 | 186,026 | 118 | 3,017 | 4,776 | 7,793 | 1,356,513 | 1,690,465 |
| West Virginia | 266,200 | 200,789 | 126,044 | 110 | 3,463 | 2,284 | 5,747 | 885,731 | 1,408,065 |
| North Carolina | 583,300 | 335,358 | 196,747 | 62.4 | 3,849 | 3,101 | 6,950 | 602,939 | 760,991 |
| South Carolina | 440,100 | 205,649 | 148,761 | 73.4 | 2,043 | 2,355 | 4,398 | 432,076 | 483,698 |
| Georgia | 672,700 | 397,815 | 234,281 | 100 | 4,144 | 3,970 | 8,114 | 1,308,682 | 1,447,245 |
| Florida | 140,100 | 93,780 | 62,226 | b 120 | a 1,236 | a 1,446 | 2,782 | 450,100 | 537,236 |
| SOUTH CENTRAL DIVISION. | | | | | | | | | |
| Kentucky | 627,700 | 389,360 | 243,192 | a 100 | 4,573 | 4,929 | 9,502 | 2,007,083 | 2,490,712 |
| Tennessee | 625,500 | 487,507 | 349,483 | 96 | 5,176 | 3,436 | 8,612 | 1,383,905 | 1,687,058 |
| Alabama | 540,226 | b 301,615 | b 182,467 | b 73.5 | c 4,168 | c 2,440 | c 6,608 | 660,000 | a b 891,009 |
| Mississippi | 485,700 | 340,927 | 197,275 | 95 | 3,780 | 4,142 | 7,922 | 1,071,615 | 1,266,865 |
| Louisiana | 394,300 | 140,238 | 96,475 | 104.4 | 1,854 | 1,831 | 3,185 | 656,842 | 1,004,741 |
| Texas | 841,200 | 528,814 | 336,257 | 105.9 | 6,037 | 4,984 | 11,021 | 3,094,083 | 3,799,489 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Arkansas | 419,900 | 251,452 | 140,445 | 74 | 3,990 | 1,651 | 5,641 | 967,151 | 1,159,653 |
| Oklahoma | 80,420 | 13,205 | 7,510 | a 90 | 265 | 267 | 472 | 48,255 | 71,755 |
| NORTH CENTRAL DIVISION. | | | | | | | | | |
| Ohio | 1,054,000 | 800,356 | 563,481 | 165.5 | 10,560 | 15,060 | 25,620 | 7,438,067 | 11,839,998 |
| Indiana | 652,800 | 511,823 | 360,664 | 133 | 6,577 | 6,972 | 13,549 | 3,835,919 | 5,609,655 |
| Illinois | 1,136,000 | 809,452 | 574,738 | 155.4 | 6,170 | 16,176 | 22,346 | 3,105,877 | 13,121,708 |
| Michigan | 599,000 | 447,467 | 296,671 | 156 | 3,359 | 12,741 | 16,100 | 3,589,464 | 5,746,161 |
| Wisconsin | 526,300 | 362,064 | a 217,200 | b 158.6 | 2,207 | 10,148 | 12,355 | 2,863,582 | 4,259,321 |
| Minnesota | 402,700 | 300,333 | 141,472 | 155.2 | 1,978 | 7,287 | 9,265 | 2,776,787 | 4,384,413 |
| Iowa | 589,500 | 509,330 | 321,708 | 158 | 4,978 | 22,275 | 27,253 | 4,589,236 | 7,056,222 |
| Missouri | 869,400 | 640,799 | 433,951 | 123.8 | 5,918 | 8,427 | 14,345 | 3,846,963 | 5,792,032 |
| North Dakota | 52,080 | 37,916 | 21,413 | 117 | 613 | 1,625 | 2,238 | 421,918 | 803,253 |
| South Dakota | 98,300 | 74,070 | 45,870 | 100.7 | 1,056 | 3,072 | 4,128 | 686,427 | 1,380,727 |
| Nebraska | 342,400 | 253,909 | 154,402 | 135 | 2,335 | 6,750 | 9,085 | 2,258,970 | 3,524,151 |
| Kansas | 441,300 | 382,225 | 239,299 | 127 | 4,239 | 7,649 | 11,888 | 3,060,457 | 4,346,767 |
| WESTERN DIVISION. | | | | | | | | | |
| Montana | 29,250 | 21,768 | 14,940 | 148 | 157 | 597 | 754 | 316,822 | 679,394 |
| Wyoming | 16,050 | 9,426 | a 6,110 | a 120 | 79 | 288 | 367 | 124,721 | 216,555 |
| Colorado | 101,200 | 76,647 | 47,946 | 150.1 | 665 | 2,088 | 2,753 | 985,137 | 1,981,635 |
| New Mexico | 45,080 | 24,297 | 16,720 | 90 | 377 | 224 | 601 | 123,395 | 205,100 |
| Arizona | 17,100 | b 7,989 | b 4,702 | b 126 | b 98 | b 147 | b 240 | 136,000 | b 181,914 |
| Utah | 76,760 | 55,448 | 31,632 | 158 | 401 | 532 | 933 | 412,921 | 911,010 |
| Nevada | 9,675 | 7,161 | 5,152 | 154.4 | 86 | 223 | 259 | 151,691 | 185,223 |
| Idaho | 27,700 | a 17,360 | a 11,020 | 86.4 | a 136 | a 372 | a 558 | 162,731 | 232,278 |
| Washington | 95,880 | 78,819 | 50,716 | 108.6 | 1,014 | 1,749 | 2,763 | 882,450 | 2,391,098 |
| Oregon | 94,980 | 75,526 | 52,724 | 112.8 | 1,044 | 1,650 | 2,694 | 693,789 | 1,102,882 |
| California | 300,000 | 238,106 | 158,875 | 159 | 1,222 | 4,669 | 5,891 | 3,956,672 | 5,434,216 |
| North Atlantic Division | 4,542,302 | 3,178,604 | 2,109,154 | 169.1 | 17,810 | 76,261 | 94,071 | 31,543,485 | 52,496,544 |
| South Atlantic Division | 3,103,291 | 1,829,278 | 1,112,509 | 108.6 | 19,194 | 22,218 | 41,412 | 7,461,256 | 9,723,355 |
| South Central Division | 2,964,100 | 2,453,113 | 1,553,104 | 94.5 | 29,283 | 23,680 | 52,963 | 9,908,384 | 12,370,243 |
| North Central Division | 6,763,780 | 5,130,244 | 3,370,869 | 146.8 | 49,990 | 118,182 | 168,172 | 43,473,617 | 67,864,408 |
| Western Division | 813,575 | 612,547 | 400,537 | 138.4 | 5,274 | 12,539 | 17,813 | 7,946,329 | 13,521,250 |
| United States | 19,192,894 | 13,203,786 | 8,546,173 | 137.1 | 121,551 | 252,880 | 374,431 | 100,333,071 | 155,980,800 |

a Approximately. b In 1889–'90. c In 1890–'91.

**No. 212.—SUMMARY OF SCHOOL POPULATION, ALSO THE ENROLLMENT, ATTENDANCE, TEACHERS EMPLOYED IN, AND EXPENDITURES FOR, PUBLIC SCHOOLS IN THE STATES AND TERRITORIES, 1870 to 1892, INCLUSIVE.**

[Furnished by the Commissioner of Education.]

| Years. | Population, 5 to 18 years of age. a | Pupils. | | Teachers. | | | | Total expenditure. |
|---|---|---|---|---|---|---|---|---|
| | | Number enrolled in public schools. | Average daily attendance. | Male. | Female. | Total. | Salaries of superintendents and teachers. | |
| | | | | | | | *Dollars.* | *Dollars.* |
| 1870..... | 12,055,443 | 6,871,522 | 4,077,347 | 77,529 | 122,986 | 200,515 | 37,832,566 | 63,396,666 |
| 1871..... | 12,305,600 | 7,561,582 | 4,545,317 | 90,293 | 129,932 | 220,225 | 42,580,853 | 69,107,612 |
| 1872..... | 12,565,600 | 7,815,306 | 4,658,844 | 94,992 | 134,929 | 229,921 | 46,035,681 | 74,234,476 |
| 1873..... | 12,833,700 | 8,003,614 | 4,745,459 | 97,790 | 139,723 | 237,513 | 47,932,050 | 76,238,464 |
| 1874..... | 13,112,900 | 8,444,251 | 5,050,840 | 103,465 | 144,982 | 248,447 | 50,785,656 | 80,054,286 |
| 1875..... | 13,405,200 | 8,785,678 | 5,248,114 | 108,791 | 149,074 | 257,865 | 54,722,250 | 83,504,007 |
| 1876..... | 13,708,000 | 8,869,115 | 5,291,376 | 109,780 | 149,838 | 259,618 | 55,358,166 | 83,082,578 |
| 1877..... | 14,025,800 | 8,965,006 | 5,426,595 | 114,312 | 152,738 | 267,050 | 54,973,776 | 79,439,526 |
| 1878..... | 14,356,000 | 9,438,883 | 5,783,065 | 119,404, | 157,743 | 277,147 | 56,155,133 | 79,083,260 |
| 1879..... | 14,702,800 | 9,504,458 | 5,876,077 | 121,490 | 158,840 | 280,330 | 54,639,781 | 76,192,375 |
| 1880..... | 15,065,767 | 9,867,505 | 6,144,143 | 122,795 | 163,798 | 286,593 | 55,942,972 | 78,094,687 |
| 1881..... | 15,381,000 | 10,000,896 | 6,145,982 | 122,511 | 171,349 | 293,860 | 58,012,463 | 83,642,964 |
| 1882..... | 15,671,170 | 10,211,578 | 6,331,242 | 118,892 | 180,187 | 299,079 | 60,594,933 | 88,990,466 |
| 1883..... | 16,034,000 | 10,651,828 | 6,652,392 | 116,388 | 188,001 | 304,389 | 64,798,859 | 96,750,008 |
| 1884..... | 16,371,000 | 10,962,364 | 7,055,696 | 118,905 | 195,110 | 314,015 | 68,384,275 | 103,212,837 |
| 1885..... | 16,714,000 | 11,398,024 | 7,297,529 | 121,762 | 204,154 | 325,916 | 72,878,993 | 110,328,375 |
| 1886..... | 17,065,000 | 11,664,460 | 7,526,351 | 123,792 | 207,601 | 331,393 | 76,270,434 | 113,322,545 |
| 1887..... | 17,423,000 | 11,884,944 | 7,681,806 | 127,098 | 212,367 | 339,460 | 78,639,964 | 115,783,890 |
| 1888..... | 17,789,000 | 12,182,600 | 7,906,986 | 126,240 | 220,894 | 347,134 | 83,022,562 | 124,244,911 |
| 1889..... | 18,162,000 | 12,392,260 | 8,005,969 | 124,467 | 232,110 | 356,577 | 87,568,306 | 132,589,783 |
| 1890..... | 18,543,201 | 12,722,581 | 8,158,635 | 125,525 | 238,397 | 363,922 | 91,836,484 | 140,506,715 |
| 1891 b.... | 18,799,864 | 13,048,282 | 8,407,535 | 123,287 | 245,098 | 368,385 | 96,298,677 | 147,482,272 |
| 1892 b.... | 19,192,894 | 13,203,786 | 8,546,173 | 121,551 | 252,880 | 374,431 | 100,333,071 | 155,980,800 |

a Estimated, except U. S. Census years. b Subject to correction.

## No. 213.—Number of teachers and pupils in the colleges of each State and Territory of the United States, Distinguishing the several Kinds of Colleges, in 1886, 1890, and 1892.

[Furnished by the Commissioner of Education.]

### 1886.

| States and Territories. | Kinds of institutions. | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Theological schools. | | | Law schools. | | | Medical schools. | | | | | | | | | Colleges of liberal arts. | | | | | Colleges for women. | | |
| | | | | | | | Regular. | | | Eclectic. | | | Homeopathic. | | | | Preparatory department. | | Collegiate department. | | | | |
| | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Teachers. | Pupils. | Number. | Teachers. | Pupils. |
| Alabama | 3 | 11 | 201 | 1 | 3 | 15 | 1 | 14 | 133 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 2 | 55 | 28 | 438 | 10 | 88 | 1,351 |
| Arkansas | ..... | ..... | ..... | 1 | 5 | 10 | 1 | 15 | 53 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 5 | 530 | 23 | 216 | ..... | ..... | ..... |
| California | 2 | 6 | 15 | 1 | 5 | 136 | 3 | 50 | 160 | 1 | 9 | 26 | 1 | 18 | 84 | 12 | 45 | 622 | 106 | 1,307 | 4 | 68 | 397 |
| Colorado | 1 | ..... | 2 | ..... | ..... | ..... | 2 | 24 | 24 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 12 | 275 | 28 | 136 | ..... | ..... | ..... |
| Connecticut | 2 | 24 | 150 | 1 | 16 | 79 | 1 | 20 | 27 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | 84 | 929 | 1 | 6 | 35 |
| Delaware | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 5 | 41 | ..... | ..... | ..... |
| Florida | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 44 | 9 | 65 | ..... | ..... | ..... |
| Georgia | 3 | 9 | 206 | 3 | 8 | 12 | 3 | 34 | 303 | 1 | 8 | 63 | ..... | ..... | ..... | 7 | 25 | 727 | 43 | 628 | 15 | 128 | 2,052 |
| Illinois | 17 | 80 | 573 | 4 | 27 | 252 | 5 | 128 | 772 | 1 | 17 | 135 | 2 | 37 | 342 | 24 | 46 | 1,883 | 233 | 2,774 | 9 | 108 | 988 |
| Indiana | 4 | 18 | 200 | 2 | 12 | 75 | 3 | 48 | 107 | 1 | 16 | 20 | ..... | ..... | ..... | 14 | 45 | 1,235 | 152 | 1,799 | 2 | 13 | 72 |
| Iowa | 5 | 16 | 117 | 2 | 14 | 108 | 3 | 34 | 284 | 2 | 33 | 93 | 1 | 5 | 39 | 19 | 50 | 1,863 | 184 | 2,463 | 2 | 30 | 334 |
| Kansas | ..... | ..... | ..... | 1 | 7 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9 | 22 | 902 | 115 | 949 | 2 | 17 | 339 |
| Kentucky | 3 | 13 | 225 | ..... | ..... | ..... | 4 | 51 | 618 | ..... | ..... | ..... | ..... | ..... | ..... | 12 | 26 | 600 | 81 | 1,553 | 18 | 156 | 2,458 |
| Louisiana | 3 | 12 | 90 | 2 | 9 | 109 | 1 | 19 | 266 | ..... | ..... | ..... | ..... | ..... | ..... | 11 | 51 | 1,040 | 97 | 1,150 | 3 | 19 | 287 |
| Maine | 2 | 9 | 60 | ..... | ..... | ..... | 1 | 11 | 85 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | 33 | 403 | 1 | ..... | 570 |
| Maryland | 5 | 40 | 286 | 1 | 7 | 90 | 5 | 86 | 667 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 21 | 301 | 112 | 781 | 5 | 57 | 485 |
| Massachusetts | 6 | 52 | 298 | 2 | 35 | 263 | 2 | 82 | 301 | ..... | ..... | ..... | 1 | 30 | 98 | 6 | 3 | 195 | 160 | 2,165 | 9 | 223 | 1,780 |
| Michigan | 3 | 15 | 82 | 1 | 5 | 286 | 2 | 43 | 444 | ..... | ..... | ..... | 1 | 5 | 49 | 9 | 14 | 687 | 143 | 1,723 | 1 | 9 | 39 |
| Minnesota | 4 | 23 | 78 | ..... | ..... | ..... | 4 | 105 | 441 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 3 | 466 | 80 | 643 | 3 | 27 | 269 |

## No. 213.—TEACHERS AND PUPILS IN THE COLLEGES OF EACH STATE AND TERRITORY OF THE UNITED STATES, ETC., 1886, 1890, AND 1892—Cont'd.

### 1886—Continued.

| States and Territories. | Kinds of institutions. | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Theological schools. | | | Law schools. | | | Medical schools. | | | | | | | | | Colleges of liberal arts. | | | | | Colleges for women. | | |
| | | | | | | | Regular. | | | Eclectic. | | | Homeopathic. | | | | Preparatory department. | | Collegiate department. | | | | |
| | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Teachers. | Pupils. | Number. | Teachers. | Pupils. |
| Mississippi | 1 | 6 | 30 | 1 | 5 | 11 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 8 | 7 | 156 | 23 | 530 | 9 | 66 | 1,223 |
| Missouri | 4 | 23 | 230 | 2 | 12 | 130 | 8 | 138 | 478 | 1 | 7 | 45 | 1 | 10 | 43 | 17 | 82 | 1,923 | 177 | 1,669 | 13 | 147 | 1,880 |
| Nebraska | 1 | 3 | 15 | .... | .... | .... | 2 | 24 | 60 | .... | .... | .... | 1 | 6 | 9 | 4 | 9 | 165 | 33 | 406 | .... | .... | .... |
| Nevada | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | 51 | .... | .... | 1 | 9 | 60 |
| New Hampshire | .... | .... | .... | .... | .... | .... | 1 | 12 | 61 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 18 | 250 | 3 | 26 | 444 |
| New Jersey | 6 | 47 | 320 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4 | 5 | 40 | 72 | 688 | 3 | 31 | 336 |
| New York | 11 | 79 | 727 | 4 | 33 | 464 | 9 | 242 | 1,974 | 1 | 14 | 78 | 2 | 48 | 192 | 22 | 76 | 2,469 | 435 | 4,309 | 10 | 204 | 2,049 |
| North Carolina | 6 | 26 | 294 | 2 | 4 | 23 | 1 | 6 | 27 | .... | .... | .... | .... | .... | .... | 9 | 20 | 540 | 78 | 1,120 | 10 | 82 | 1,295 |
| Ohio | 11 | 59 | 290 | 2 | 12 | 125 | 10 | 146 | 713 | 2 | 19 | 243 | 2 | 29 | 136 | 33 | 71 | 1,941 | 296 | 3,236 | 11 | 134 | 1,153 |
| Oregon | .... | .... | .... | 2 | 10 | 10 | 1 | 12 | 30 | .... | .... | .... | .... | .... | .... | 6 | 13 | 612 | 45 | 209 | 1 | 13 | 146 |
| Pennsylvania | 17 | 100 | 615 | 1 | 5 | 109 | 4 | 113 | 1,208 | .... | .... | .... | 1 | 24 | 161 | 26 | 63 | 1,268 | 331 | 3,388 | 10 | 106 | 732 |
| Rhode Island | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 22 | 245 | .... | .... | .... |
| South Carolina | 3 | 13 | 45 | 2 | 3 | 19 | 1 | 12 | 50 | .... | .... | .... | .... | .... | .... | 9 | 9 | 591 | 39 | 682 | 6 | 61 | 875 |
| Tennessee | 6 | 39 | 175 | 3 | 11 | 90 | 4 | 51 | 584 | .... | .... | .... | .... | .... | .... | 18 | 45 | 1,545 | 231 | 2,483 | 14 | 124 | 2,107 |
| Texas | 2 | 19 | 466 | 1 | 2 | 6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 6 | 12 | 429 | 52 | 709 | 5 | 68 | 982 |
| Vermont | .... | .... | .... | .... | .... | .... | 1 | 24 | 168 | .... | .... | .... | .... | .... | .... | 2 | .... | .... | 14 | 227 | 2 | 14 | 288 |
| Virginia | 3 | 15 | 151 | 2 | 5 | 109 | 2 | 25 | 136 | .... | .... | .... | .... | .... | .... | 7 | 3 | 123 | 71 | 721 | 16 | 134 | 1,629 |
| West Virginia | .... | .... | .... | 1 | 2 | 14 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 3 | 107 | 17 | 95 | 2 | 11 | 140 |
| Wisconsin | 5 | 32 | 169 | 1 | 7 | 75 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 8 | 19 | 807 | 97 | 779 | 3 | 44 | 408 |
| Dakota | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 5 | 33 | 14 | 201 | .... | .... | .... |
| District of Columbia | 2 | 11 | 179 | 3 | 20 | 302 | 4 | 64 | 272 | .... | .... | .... | .... | .... | .... | 5 | 6 | 159 | 66 | 646 | .... | .... | .... |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indian Territory | 1 | 6 | 70 | | | | | | | | | | | | | | | | | | | | |
| Montana | | | | | | | | | | | | | | | 1 | 2 | 3 | 8 | 59 | | | | |
| Utah | | | | | | | | | | | | | | | 1 | | | 11 | 358 | | | | |
| Washington | | | | | | | | | | | | | | | 2 | 8 | 221 | 28 | 82 | | | | |
| Total | 142 | 806 | 6,870 | 49 | 289 | 2,954 | 89 | 1,683 | 10,431 | 10 | 128 | 703 | 13 | 212 | 1,108 | 345 | 880 | 24,606 | 2,890 | 43,215 | 204 | 2,223 | 27,143 |

## No. 213.—TEACHERS AND PUPILS IN THE COLLEGES OF EACH STATE AND TERRITORY OF THE UNITED STATES, ETC., 1886, 1890, AND 1892—Cont'd.

### 1890.

| States and Territories. | Kinds of institutions. | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Theological schools. | | | Law schools. | | | Medical schools. | | | | | | | | | Colleges of liberal arts. | | | | | | | Colleges for women. | | |
| | | | | | | | Regular. | | | Eclectic. | | | Homeopathic. | | | | Preparatory department. | | Collegiate department. | | Total number in all departments. a | | | | |
| | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Teachers. | Pupils. | Teachers. | Pupils. | Number. | Teachers. | Pupils. |
| *North Atlantic Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maine | 2 | 10 | 48 | .... | .... | ..... | 1 | 11 | 81 | .... | .... | ..... | .... | .... | ..... | 3 | ..... | ..... | 33 | 476 | 53 | 569 | 2 | 27 | 444 |
| New Hampshire | .... | .... | ..... | .... | .... | ..... | 1 | 15 | 83 | .... | .... | ..... | .... | .... | ..... | 1 | ..... | ..... | 19 | 256 | 47 | 417 | 2 | 16 | 259 |
| Vermont | .... | .... | ..... | .... | .... | ..... | 1 | 16 | 205 | .... | .... | ..... | .... | .... | ..... | 2 | ..... | ..... | 24 | 186 | 51 | 532 | .... | ..... | ..... |
| Massachusetts | 7 | 58 | 371 | 2 | 31 | 445 | 2 | 83 | 352 | .... | .... | ..... | 1 | 36 | 106 | 9 | 11 | 112 | 114 | 2,729 | 503 | 4,474 | 7 | 270 | 1,921 |
| Rhode Island | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | ..... | ..... | 22 | 276 | 22 | 285 | .... | ..... | ..... |
| Connecticut | 3 | 35 | 227 | 1 | 23 | 111 | 1 | 19 | 55 | .... | .... | ..... | .... | .... | ..... | 3 | ..... | ..... | 85 | 1,099 | 182 | 1,846 | .... | ..... | ..... |
| New York | 11 | 79 | 727 | 5 | 53 | 773 | 9 | 324 | 2,619 | 1 | 23 | 85 | 2 | 54 | 165 | 22 | 96 | 2,372 | 397 | 4,605 | 796 | 10,530 | 7 | 147 | 1,536 |
| New Jersey | 5 | 30 | 386 | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | 4 | 4 | 52 | 86 | 955 | 91 | 1,141 | 2 | 21 | ae |
| Pennsylvania | 16 | 94 | 776 | 1 | 5 | 176 | 5 | 220 | 1,468 | .... | .... | ..... | 1 | 23 | 203 | 27 | 78 | 1,955 | 318 | 3,385 | 547 | 7,141 | 10 | 156 | 1,289 |
| *South Atlantic Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delaware | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | ..... | ..... | 8 | 82 | 8 | 82 | .... | ..... | ..... |
| Maryland | 3 | 20 | 144 | 1 | 7 | 108 | 5 | 90 | 761 | .... | .... | ..... | .... | .... | ..... | 10 | 42 | 547 | 141 | 831 | 194 | 1,823 | 3 | 44 | 481 |
| District of Columbia | 3 | 18 | 127 | 4 | 32 | 582 | 4 | 85 | 347 | .... | .... | ..... | .... | .... | ..... | 4 | 43 | 288 | 50 | 317 | 178 | 1,576 | .... | ..... | ..... |
| Virginia | 3 | 14 | 190 | 2 | 4 | 208 | 2 | 27 | 178 | .... | .... | ..... | .... | .... | ..... | 3 | 7 | 98 | 72 | 1,042 | 107 | 1,444 | 19 | 218 | 2,062 |
| West Virginia | .... | .... | ..... | 1 | 2 | 10 | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 3 | 10 | 198 | 21 | 205 | 29 | 427 | 3 | 18 | 144 |
| North Carolina | 4 | 10 | 96 | 1 | 2 | 35 | 1 | 7 | 44 | .... | .... | ..... | .... | .... | ..... | 10 | 11 | 579 | 78 | 1,045 | 101 | 1,954 | 15 | 151 | 1,715 |
| South Carolina | 6 | 17 | 104 | 2 | 2 | 28 | 1 | 11 | 56 | .... | .... | ..... | .... | .... | ..... | 9 | 22 | 413 | 65 | 587 | 93 | 1,484 | 7 | 60 | 1,025 |
| Georgia | 3 | 7 | 128 | 3 | 14 | 39 | 4 | 51 | 355 | 1 | 7 | 46 | .... | .... | ..... | 7 | 35 | 922 | 50 | 639 | 101 | 1,731 | 11 | 106 | 1,830 |
| Florida | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 4 | 16 | 268 | 18 | 81 | 32 | 349 | .... | ..... | ..... |
| *South Central Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kentucky | 3 | 17 | 324 | 1 | 3 | 30 | 4 | 65 | 1,078 | .... | .... | ..... | .... | .... | ..... | 14 | 34 | 754 | 94 | 1,196 | 165 | 3,358 | 17 | 165 | 2,212 |
| Tennessee | 7 | 37 | 253 | 4 | 9 | 138 | 4 | 77 | 815 | .... | .... | ..... | .... | .... | ..... | 20 | 63 | 1,940 | 139 | 1,552 | 309 | 4,911 | 13 | 168 | 2,841 |
| Alabama | 3 | 3 | 64 | 1 | 3 | 21 | 1 | 14 | 115 | .... | .... | ..... | .... | .... | ..... | 6 | 10 | 729 | 43 | 712 | 75 | 1,491 | 8 | 97 | 1,208 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mississippi | .... | .... | ..... | 1 | 5 | 15 | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 6 | 8 | 334 | 29 | 541 | 60 | 1,352 | 12 | 109 | 1,632 |
| Louisiana | 3 | 7 | 56 | 1 | 5 | 49 | 2 | 31 | 354 | .... | .... | ..... | .... | .... | ..... | 12 | 33 | 2,442 | 104 | 899 | 221 | 4,395 | 3 | 23 | 273 |
| Texas | 1 | 4 | 28 | 1 | 2 | 79 | 1 | 13 | 18 | .... | .... | ..... | .... | .... | ..... | 11 | 27 | 1,087 | 70 | 1,258 | 128 | 3,254 | 3 | 43 | 521 |
| Arkansas | .... | .... | ..... | 1 | 3 | 20 | 1 | 18 | 78 | .... | .... | ..... | .... | .... | ..... | 4 | 1 | 118 | 4 | 15 | 28 | 627 | .... | ..... | ..... |
| *North Central Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio | 12 | 64 | 418 | 1 | 6 | 166 | 10 | 176 | 907 | 2 | 25 | 312 | 2 | 35 | 164 | 37 | 156 | 4,122 | 282 | 3,661 | 657 | 11,248 | 8 | 128 | 766 |
| Indiana | 3 | 16 | 163 | 3 | 13 | 106 | 3 | 65 | 140 | 1 | 13 | 50 | .... | .... | ..... | 14 | 62 | 1,605 | 144 | 1,825 | 257 | 4,057 | .... | ..... | ..... |
| Illinois | 16 | 84 | 1,146 | 4 | 18 | 193 | 4 | 152 | 1,014 | 1 | 19 | 93 | 2 | 46 | 327 | 28 | 147 | 3,350 | 229 | 2,360 | 584 | 9,950 | 6 | 86 | 698 |
| Michigan | 3 | 9 | 91 | 1 | 6 | 405 | 3 | 72 | 595 | .... | .... | ..... | 1 | 5 | 72 | 11 | 32 | 1,420 | 151 | 1,886 | 253 | 5,081 | .... | ..... | ..... |
| Wisconsin | 5 | 22 | 210 | 1 | 11 | 114 | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 8 | 19 | 699 | 126 | 1,224 | 156 | 2,316 | 2 | 17 | 146 |
| Minnesota | 4 | 27 | 248 | 1 | 17 | 134 | 2 | 52 | 146 | .... | .... | ..... | 1 | 14 | 8 | 9 | 10 | 789 | 79 | 907 | 192 | 2,375 | 2 | 18 | 64 |
| Iowa | 7 | 19 | 262 | 2 | 20 | 155 | 3 | 45 | 306 | 1 | 8 | 29 | 1 | 6 | 34 | 21 | 97 | 2,753 | 191 | 1,888 | 376 | 6,213 | .... | ..... | ..... |
| Missouri | 5 | 14 | 341 | 2 | 18 | 147 | 10 | 229 | 1,009 | 1 | 14 | 73 | 2 | 33 | 65 | 27 | 107 | 2,690 | 197 | 2,266 | 417 | 6,554 | 12 | 131 | 1,555 |
| North Dakota | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 2 | ..... | 133 | 18 | 26 | 18 | 263 | .... | ..... | ..... |
| South Dakota | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 5 | 8 | 445 | 42 | 129 | 61 | 980 | .... | ..... | ..... |
| Nebraska | 2 | 5 | 34 | 1 | 7 | 32 | 1 | 21 | 26 | .... | .... | ..... | .... | .... | ..... | 7 | 24 | 510 | 77 | 471 | 91 | 1,187 | .... | ..... | ..... |
| Kansas | 1 | 3 | 39 | 2 | 14 | 84 | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 15 | 73 | 2,342 | 119 | 808 | 222 | 4,258 | 2 | 22 | 204 |
| *Western Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montana | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | 2 | 66 | 6 | 14 | 8 | 80 | .... | ..... | ..... |
| Wyoming | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | ..... | 44 | ..... | 9 | 12 | 80 | .... | ..... | ..... |
| Colorado | 1 | .... | 3 | .... | .... | ..... | 3 | 53 | 99 | .... | .... | ..... | .... | .... | ..... | 4 | 24 | 332 | 35 | 119 | 96 | 1,195 | .... | ..... | ..... |
| New Mexico | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | 7 | 165 | ..... | ..... | 7 | 165 | .... | ..... | ..... |
| Utah | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | 10 | 303 | 9 | 79 | 20 | 357 | .... | ..... | ..... |
| Nevada | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 1 | 2 | 87 | 8 | 50 | 10 | 137 | .... | ..... | ..... |
| Washington | .... | .... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | .... | ..... | .... | .... | ..... | 3 | 9 | 372 | 19 | 57 | 24 | 474 | .... | ..... | ..... |
| Oregon | .... | .... | ..... | 2 | 8 | 39 | 2 | 33 | 49 | .... | .... | ..... | .... | .... | ..... | 6 | 10 | 482 | 31 | 301 | 89 | 1,062 | .... | ..... | ..... |
| California | 3 | 27 | 49 | 1 | 4 | 76 | 3 | 64 | 258 | 1 | 11 | 31 | 1 | 16 | 20 | 12 | 31 | 1,448 | 136 | 1,084 | 247 | 3,336 | 3 | 59 | 347 |
| North Atlantic Division | 44 | 306 | 2,535 | 9 | 111 | 1,505 | 20 | 688 | 4,863 | 1 | 23 | 85 | 4 | 113 | 474 | 72 | 189 | 4,491 | 1,103 | 13,967 | 2,292 | 26,935 | 30 | 637 | 5,542 |
| South Atlantic Division | 22 | 86 | 789 | 14 | 63 | 1,010 | 17 | 271 | 1,736 | 1 | 7 | 46 | .... | .... | ..... | 56 | 186 | 3,313 | 503 | 4,829 | 843 | 10,870 | 58 | 597 | 7,257 |
| South Central Division | 17 | 68 | 725 | 10 | 30 | 852 | 13 | 217 | 2,453 | .... | .... | ..... | .... | .... | ..... | 73 | 226 | 7,454 | 483 | 6,173 | 986 | 19,388 | 56 | 604 | 8,277 |
| North Central Division | 58 | 263 | 2,952 | 18 | 130 | 1,536 | 36 | 812 | 4,143 | 6 | 79 | 557 | 9 | 139 | 670 | 184 | 735 | 20,858 | 1,655 | 17,451 | 3,284 | 54,482 | 32 | 402 | 3,428 |
| Western Division | 4 | 27 | 52 | 3 | 12 | 115 | 3 | 150 | 406 | 1 | 11 | 31 | 1 | 16 | 20 | 30 | 95 | 3,299 | 244 | 1,713 | 513 | 6,906 | 3 | 59 | 347 |
| United States | 145 | 750 | 7,053 | 54 | 346 | 4,518 | 94 | 2,138 | 13,601 | 9 | 120 | 719 | 14 | 268 | 1,164 | 415 | 1,431 | 39,415 | 3,988 | 44,133 | 7,918 | 118,581 | 179 | 2,299 | 24,851 |

a Includes professional departments.

## No. 213.—TEACHERS AND PUPILS IN THE COLLEGES OF EACH STATE AND TERRITORY OF THE UNITED STATES, ETC., 1886, 1890, AND 1892—Cont'd.

### 1892.

| States and Territories. | Kinds of institutions. | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Theological schools. | | | Law schools. | | | Medical schools. | | | | | | | | | College of liberal arts. | | | | | | | Colleges for women. | | |
| | | | | | | | Regular. | | | Eclectic. | | | Homeopathic. | | | | Preparatory departments. | | Collegiate departments. | | Total number in all departments. a. | | | | |
| | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Number. | Teachers. | Pupils. | Teachers. | Pupils. | Teachers. | Pupils. | Number. | Teachers. | Pupils. |
| *North Atlantic Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maine | 2 | 11 | 62 | ..... | ..... | ..... | 1 | 8 | 99 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | 41 | 507 | 55 | 634 | 2 | 21 | 445 |
| New Hampshire | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 15 | 104 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 25 | 334 | 42 | 426 | 1 | 12 | 166 |
| Vermont | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 26 | 195 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | 33 | 283 | 55 | 536 | ..... | ..... | ..... |
| Massachusetts | 7 | 65 | 450 | 2 | 35 | 576 | 2 | 84 | 479 | ..... | ..... | ..... | 1 | 41 | 133 | 9 | 28 | 204 | 253 | 3,228 | 491 | 5,279 | 5 | 245 | 2,043 |
| Rhode Island | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 47 | 348 | 47 | 403 | ..... | ..... | ..... |
| Connecticut | 3 | 34 | 162 | 1 | 25 | 155 | 1 | 24 | 72 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | 133 | 1,700 | 195 | 2,172 | ..... | ..... | ..... |
| New York | 11 | 86 | 757 | 5 | 67 | 1,220 | 9 | 400 | 2,338 | 1 | 24 | 65 | 2 | 66 | 169 | 23 | 152 | 2,911 | 505 | 5,009 | 941 | 11,114 | 6 | 140 | 1,545 |
| New Jersey | 5 | 29 | 392 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 7 | 59 | 106 | 1,231 | 113 | 1,469 | 2 | 32 | 67 |
| Pennsylvania | 17 | 100 | 833 | 2 | 19 | 207 | 5 | 258 | 1,758 | ..... | ..... | ..... | 1 | 25 | 247 | 30 | 107 | 1,677 | 392 | 4,506 | 620 | 8,358 | 8 | 139 | 1,066 |
| *South Atlantic Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delaware | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 12 | 95 | 12 | 97 | ..... | ..... | ..... |
| Maryland | 4 | 36 | 344 | 2 | 7 | 100 | 5 | 116 | 1,186 | ..... | ..... | ..... | ..... | ..... | ..... | 10 | 56 | 702 | 147 | 910 | 191 | 2,269 | 3 | 59 | 566 |
| District of Columbia | 3 | 23 | 120 | 4 | 36 | 340 | 4 | 89 | 402 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 28 | 356 | 81 | 390 | 240 | 2,160 | ..... | ..... | ..... |
| Virginia | 3 | 21 | 191 | 2 | 5 | 197 | 2 | 27 | 203 | ..... | ..... | ..... | ..... | ..... | ..... | 8 | 21 | 269 | 97 | 1,188 | 183 | 1,753 | 15 | 189 | 1,911 |
| West Virginia | ..... | ..... | ..... | 1 | 2 | 26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 9 | 174 | 26 | 232 | 36 | 463 | 1 | 3 | 35 |
| North Carolina | 3 | 14 | 72 | 1 | 3 | 55 | 1 | 8 | 63 | ..... | ..... | ..... | ..... | ..... | ..... | 11 | 44 | 1,091 | 91 | 1,039 | 189 | 2,338 | 11 | 124 | 1,379 |
| South Carolina | 5 | 33 | 333 | 2 | 5 | 31 | 1 | 16 | 50 | ..... | ..... | ..... | ..... | ..... | ..... | 8 | 25 | 775 | 55 | 562 | 81 | 1,382 | 7 | 81 | 1,083 |
| Georgia | 2 | 9 | 94 | 3 | 13 | 14 | 3 | 33 | 249 | 1 | 3 | 63 | ..... | ..... | ..... | 8 | 31 | 382 | 66 | 787 | 116 | 2,055 | 13 | 142 | 2,138 |
| Florida | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 35 | 414 | 23 | 178 | 41 | 592 | ..... | ..... | ..... |
| *South Central Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kentucky | 3 | 19 | 416 | 1 | 3 | 40 | 4 | 80 | 1,332 | ..... | ..... | ..... | ..... | ..... | ..... | 13 | 34 | 654 | 97 | 1,402 | 144 | 3,211 | 15 | 156 | 2,168 |
| Tennessee | 5 | 40 | 165 | 4 | 22 | 126 | 4 | 81 | 791 | ..... | ..... | ..... | ..... | ..... | ..... | 22 | 113 | 2,873 | 200 | 2,226 | 408 | 6,283 | 15 | 165 | 2,486 |
| Alabama | 2 | 5 | 45 | 1 | 3 | 19 | 1 | 14 | 131 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 16 | 665 | 67 | 963 | 99 | 1,669 | 3 | 94 | 1,306 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mississippi | | | | 1 | 5 | 21 | | | | | | | | | | 5 | 17 | 344 | 33 | 386 | 59 | 1,016 | 11 | 96 | 1,472 |
| Louisiana | 3 | 3 | 51 | 1 | 5 | 43 | 2 | 29 | 396 | | | | | | | 9 | 67 | 878 | 38 | 547 | 204 | 3,751 | 2 | 14 | 319 |
| Texas | 2 | 3 | 51 | 1 | 2 | 22 | 1 | 14 | 24 | | | | | | | 11 | 41 | 1,403 | 92 | 1,267 | 153 | 3,034 | 2 | 27 | 409 |
| Arkansas | | | | 1 | 7 | 8 | 1 | 23 | 112 | | | | | | | 5 | 13 | 430 | 23 | 304 | 43 | 1,108 | | | |
| *North Central Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio | 13 | 68 | 464 | 2 | 25 | 294 | 7 | 144 | 701 | 2 | 28 | 250 | 2 | 44 | 146 | 38 | 248 | 4,881 | 375 | 4,053 | 756 | 12,283 | 8 | 127 | 945 |
| Indiana | 3 | 20 | 168 | 3 | 23 | 144 | 3 | 62 | 246 | 1 | 17 | 22 | | | | 15 | 94 | 1,429 | 192 | 2,061 | 315 | 4,652 | | | |
| Illinois | 15 | 98 | 1,287 | 4 | 38 | 338 | 4 | 195 | 1,254 | 1 | 23 | 65 | 1 | 26 | 131 | 27 | 201 | 4,007 | 286 | 2,748 | 724 | 11,166 | 5 | 86 | 847 |
| Michigan | 3 | 11 | 67 | 1 | 22 | 643 | 3 | 133 | 739 | | | | 1 | 10 | 82 | 13 | 77 | 1,445 | 170 | 2,320 | 285 | 6,593 | | | |
| Wisconsin | 5 | 30 | 355 | 1 | 11 | 127 | | | | | | | | | | 10 | 46 | 778 | 126 | 1,624 | 184 | 3,085 | 2 | 13 | 169 |
| Minnesota | 3 | 19 | 120 | 1 | 16 | 242 | 2 | 49 | 170 | | | | 1 | 20 | 24 | 11 | 61 | 886 | 142 | 1,485 | 245 | 3,187 | 1 | 8 | 43 |
| Iowa | 7 | 21 | 297 | 2 | 21 | 208 | 3 | 51 | 307 | 1 | 20 | 25 | 1 | 9 | 57 | 24 | 148 | 2,844 | 241 | 2,145 | 445 | 7,339 | | | |
| Missouri | 5 | 24 | 366 | 2 | 22 | 126 | 3 | 211 | 1,008 | 1 | 12 | 80 | 2 | 39 | 66 | 27 | 243 | 3,590 | 258 | 2,053 | 481 | 7,238 | 11 | 129 | 1,453 |
| North Dakota | | | | | | | | | | | | | | | | 4 | 23 | 235 | 21 | 55 | 43 | 514 | | | |
| South Dakota | | | | | | | | | | | | | | | | 6 | 47 | 537 | 43 | 117 | 60 | 925 | | | |
| Nebraska | 2 | 5 | 20 | 1 | | | 2 | 45 | 82 | | | | | | | 9 | 54 | 814 | 100 | 768 | 201 | 2,086 | | | |
| Kansas | | | | 2 | 6 | 79 | | | | | | | | | | 17 | 127 | 1,782 | 168 | 1,176 | 254 | 4,361 | 2 | 26 | 300 |
| *Western Division.* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montana | | | | | | | | | | | | | | | | 1 | 2 | 74 | 7 | 25 | 8 | 100 | | | |
| Wyoming | | | | | | | | | | | | | | | | 1 | 10 | 61 | 14 | 14 | 14 | 120 | | | |
| Colorado | 1 | | 3 | 1 | 14 | | 3 | 66 | 103 | | | | | | | 4 | 35 | 443 | 47 | 145 | 130 | 674 | | | |
| Arizona | | | | | | | | | | | | | | | | 1 | 1 | 22 | 3 | 9 | 9 | 31 | | | |
| Utah | | | | | | | | | | | | | | | | 1 | 3 | 97 | 12 | 37 | 16 | 136 | | | |
| Nevada | | | | | | | | | | | | | | | | 1 | 4 | 109 | 12 | 45 | 14 | 155 | | | |
| Washington | | | | | | | | | | | | | | | | 5 | 26 | 321 | 26 | 115 | 43 | 616 | | | |
| Oregon | 1 | 4 | | 2 | 35 | 60 | 2 | 44 | 44 | | | | | | | 6 | 27 | 533 | 35 | 308 | 106 | 1,144 | | | |
| California | 3 | 14 | 55 | 1 | 6 | 92 | 3 | 78 | 307 | | | | 1 | 19 | 31 | 15 | 83 | 1,432 | 183 | 1,645 | 340 | 3,746 | 3 | 53 | 320 |
| North Atlantic Division | 45 | 325 | 2,655 | 10 | 146 | 2,158 | 20 | 815 | 5,035 | 1 | 24 | 65 | 4 | 132 | 549 | 77 | 294 | 4,941 | 1,535 | 17,098 | 2,559 | 30,381 | 24 | 589 | 5,331 |
| South Atlantic Division | 20 | 135 | 1,144 | 15 | 76 | 1,263 | 16 | 294 | 2,152 | 1 | 8 | 63 | | | | 57 | 249 | 4,163 | 597 | 5,381 | 989 | 13,109 | 49 | 598 | 7,112 |
| South Central Division | 15 | 80 | 728 | 10 | 47 | 354 | 13 | 241 | 2,786 | | | | | | | 73 | 305 | 6,946 | 608 | 7,095 | 1,106 | 20,092 | 53 | 554 | 8,086 |
| North Central Division | 56 | 296 | 3,144 | 19 | 183 | 2,146 | 32 | 890 | 4,507 | 6 | 100 | 442 | 8 | 148 | 506 | 200 | 1,369 | 23,228 | 2,121 | 20,605 | 3,992 | 63,379 | 29 | 391 | 3,762 |
| Western Division | 5 | 18 | 58 | 4 | 55 | 152 | 3 | 183 | 454 | | | | 1 | 19 | 31 | 35 | 196 | 3,092 | 349 | 2,343 | 680 | 6,722 | 3 | 53 | 320 |
| United States | 141 | 854 | 7,729 | 58 | 507 | 6,073 | 89 | 2,423 | 14,934 | 8 | 132 | 570 | 13 | 299 | 1,086 | 442 | 2,413 | 42,370 | 5,210 | 52,522 | 9,326 | 133,683 | 158 | 2,185 | 24,611 |

a Includes professional departments.

**No. 214.—Number of miles of railroad in operation and the increase of mileage in the United States, each calendar year from 1830 to 1893, inclusive.**

[From Poor's Railroad Manual.]

| Year. | Miles in operation at the end of each year. | Increase each year. | Year. | Miles in operation at the end of each year. | Increase each year. | Year. | Miles in operation at the end of each year. | Increase each year. |
|---|---|---|---|---|---|---|---|---|
| 1830..... | 23 | ..... | 1852..... | 12,908 | 1,926 | 1874..... | 72,385 | 2,117 |
| 1831..... | 95 | 72 | 1853..... | 15,360 | 2,452 | 1875..... | 74,096 | 1,711 |
| 1832..... | 229 | 134 | 1854..... | 16,720 | 1,360 | 1876..... | 76,808 | 2,712 |
| 1833..... | 380 | 151 | 1855..... | 18,374 | 1,654 | 1877..... | 79,088 | 2,280 |
| 1834..... | 633 | 253 | 1856..... | 22,016 | 3,642 | 1878..... | 81,767 | 2,679 |
| 1835..... | 1,098 | 465 | 1857..... | 24,503 | 2,487 | 1879..... | 86,584 | 4,817 |
| 1836..... | 1,273 | 175 | 1858..... | 26,968 | 2,465 | 1880..... | 93,296 | 6,712 |
| 1837..... | 1,497 | 224 | 1859..... | 28,789 | 1,821 | 1881..... | 103,143 | 9,847 |
| 1838..... | 1,913 | 416 | 1860..... | 30,626 | 1,837 | 1882..... | 114,712 | 11,569 |
| 1839..... | 2,302 | 389 | 1861..... | 31,286 | 660 | 1883..... | 121,455 | 6,743 |
| 1840..... | 2,818 | 516 | 1862..... | 32,120 | 834 | 1884..... | 125,379 | 3,924 |
| 1841..... | 3,535 | 717 | 1863..... | 33,170 | 1,050 | 1885..... | 128,361 | 2,982 |
| 1842..... | 4,026 | 491 | 1864..... | 33,908 | 738 | 1886..... | 136,379 | 8,018 |
| 1843..... | 4,185 | 159 | 1865..... | 35,085 | 1,177 | 1887..... | 149,257 | 12,878 |
| 1844..... | 4,377 | 192 | 1866..... | 36,801 | 1,716 | 1888..... | 156,169 | 6,912 |
| 1845..... | 4,633 | 256 | 1867..... | 39,250 | 2,449 | 1889..... | 161,353 | 5,184 |
| 1846..... | 4,930 | 297 | 1868..... | 42,229 | 2,979 | 1890..... | 166,706 | 5,353 |
| 1847..... | 5,598 | 668 | 1869..... | 46,844 | 4,615 | 1891..... | 170,795 | 4,089 |
| 1848..... | 5,996 | 398 | 1870..... | 52,922 | 6,078 | 1892..... | 174,750 | 4,149 |
| 1849..... | 7,365 | 1,369 | 1871..... | 60,293 | 7,379 | 1893..... | 170,607 | 4,143 |
| 1850..... | 9,021 | 1,656 | 1872..... | 66,171 | 5,878 | | | |
| 1851..... | 10,982 | 1,961 | 1873..... | 70,268 | 4,097 | | | |

**No. 215.—Number of miles of railroad in operation in each State and Territory of the United States during the years ending December 31, 1860, 1870, 1880, and from 1888 to 1892, inclusive.**

[From Poor's Railroad Manual.]

| States and groups of States. | 1860. | 1870. | 1880. | 1888. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|---|---|---|---|
| Maine | 472 | 786 | 1,005 | 1,321.84 | 1,340.11 | 1,377.47 | 1,383.26 | 1,401.64 |
| New Hampshire | 661 | 736 | 1,015 | 1,074.85 | 1,119.04 | 1,142.25 | 1,141.88 | 1,161.33 |
| Vermont | 554 | 614 | 914 | 951.88 | 965.98 | 991.42 | 994.88 | 995.01 |
| Massachusetts | 1,264 | 1,480 | 1,915 | 2,077.22 | 2,062.85 | 2,096.69 | 2,100.82 | 2,126.69 |
| Rhode Island | 108 | 136 | 210 | 214.22 | 212.43 | 217.43 | 223.48 | 223.48 |
| Connecticut | 601 | 742 | 923 | 1,004.02 | 1,010.79 | 1,006.64 | 1,006.54 | 1,006.54 |
| Total, New England | 3,660 | 4,494 | 5,977 | 6,643.53 | 6,731.20 | 6,831.90 | 6,850.36 | 6,914.69 |
| New York | 2,682 | 3,928 | 5,991 | 7,595.54 | 7,706.87 | 7,745.85 | 7,887.05 | 8,116.10 |
| New Jersey | 560 | 1,125 | 1,684 | 1,980.73 | 2,035.52 | 2,099.86 | 2,132.95 | 2,201.91 |
| Pennsylvania | 2,598 | 4,656 | 6,191 | 8,224.51 | 8,401.12 | 8,652.36 | 8,908.91 | 9,159.45 |
| Delaware | 127 | 197 | 275 | 314.77 | 314.54 | 314.95 | 314.94 | 314.94 |
| Maryland | 336 | 671 | 1,040 | 1,200.30 | 1,225.19 | 1,270.04 | 1,269.52 | 1,289.44 |
| District of Columbia | | | | 20.66 | 20.66 | 20.66 | 20.66 | 20.66 |
| Total, Middle Atlantic | 6,353 | 10,577 | 15,181 | 19,336.51 | 19,703.90 | 20,103.72 | 20,534.08 | 21,102.50 |
| Ohio | 2,946 | 3,538 | 5,792 | 7,640.77 | 7,803.99 | 7,980.49 | 8,159.18 | 8,351.88 |
| Michigan | 779 | 1,638 | 3,938 | 6,595.91 | 6,938.21 | 7,108.48 | 7,175.44 | 7,440.95 |
| Indiana | 2,168 | 3,177 | 4,373 | 5,890.26 | 5,996.66 | 6,109.19 | 6,133.83 | 6,292.13 |
| Illinois | 2,790 | 4,823 | 7,851 | 9,898.15 | 9,962.28 | 10,115.90 | 10,189.38 | 10,349.53 |
| Wisconsin | 905 | 1,525 | 3,155 | 5,329.82 | 5,477.05 | 5,612.62 | 5,764.66 | 5,937.97 |
| Total, Central Northern | 9,583 | 14,701 | 25,109 | 35,354.91 | 36,178.90 | 36,926.68 | 37,422.44 | 38,362.45 |

**No. 215.—NUMBER OF MILES OF RAILROAD IN OPERATION IN EACH STATE AND TERRITORY OF THE UNITED STATES DURING THE YEARS ENDING DECEMBER 31, 1860, 1870, 1880, AND FROM 1888 TO 1892, INCLUSIVE—Continued.**

| States and groups of States. | 1860. | 1870. | 1880. | 1888. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|---|---|---|---|
| Virginia | 1,379 | 1,486 | 1,893 | 2,924.22 | 3,235.51 | 3,359.65 | 3,573.64 | 3,576.69 |
| West Virginia | 352 | 387 | 691 | 1,277.64 | 1,327.89 | 1,433.30 | 1,537.61 | 1,806.19 |
| North Carolina | 937 | 1,173 | 1,486 | 2,535.58 | 2,851.63 | 3,128.17 | 3,205.47 | 3,229.57 |
| South Carolina | 973 | 1,139 | 1,427 | 2,063.97 | 2,129.37 | 2,289.15 | 2,437.06 | 2,545.30 |
| Georgia | 1,420 | 1,845 | 2,459 | 3,919.94 | 4,269.20 | 4,600.80 | 4,875.28 | 4,946.39 |
| Florida | 402 | 446 | 518 | 2,249.76 | 2,393.33 | 2,489.52 | 2,547.87 | 2,676.88 |
| Total South Atlantic | 5,463 | 6,481 | 8,474 | 14,991.11 | 16,206.98 | 17,300.59 | 18,226.93 | 19,781.02 |
| Kentucky | 534 | 1,017 | 1,530 | 2,584.98 | 2,776.96 | 2,942.38 | 2,962.45 | 2,997.23 |
| Tennessee | 1,253 | 1,492 | 1,843 | 2,467.64 | 2,648.20 | 2,767.38 | 2,981.70 | 3,064.26 |
| Alabama | 743 | 1,157 | 1,843 | 2,985.64 | 3,141.82 | 3,422.20 | 3,576.47 | 3,595.76 |
| Mississippi | 862 | 990 | 1,127 | 2,250.66 | 2,395.18 | 2,470.85 | 2,440.39 | 2,448.37 |
| Louisiana | 335 | 450 | 652 | 1,497.31 | 1,654.09 | 1,739.85 | 1,880.01 | 1,967.09 |
| Total Gulf and Miss. Valley | 3,727 | 5,106 | 6,995 | 11,786.18 | 12,616.25 | 13,342.66 | 13,841.02 | 14,072.71 |
| Missouri | 817 | 2,000 | 3,965 | 5,900.89 | 5,978.41 | 6,142.02 | 6,178.45 | 6,360.56 |
| Arkansas | 38 | 256 | 859 | 2,045.64 | 2,143.54 | 2,303.44 | 2,294.95 | 2,310.67 |
| Texas | 307 | 711 | 3,244 | 8,205.92 | 8,485.67 | 8,709.85 | 8,801.67 | 9,040.73 |
| Kansas | ..... | 1,501 | 3,400 | 8,764.15 | 8,796.77 | 8,892.11 | 8,890.87 | 8,893.83 |
| Colorado | ..... | 157 | 1,570 | 4,038.04 | 4,104.85 | 4,291.11 | 4,441.33 | 4,451.52 |
| New Mexico | ..... | ..... | 756 | 1,321.43 | 1,326.28 | 1,388.77 | 1,423.83 | 1,429.57 |
| Indian Territory / Oklahoma Territory | ..... | ..... | 289 | 975.17 | 1,155.14 | 1,260.65 | 1,272.01 | 1,375.02 |
| Total Southwestern | 1,162 | 4,625 | 14,085 | 31,251.29 | 31,990.66 | 32,887.95 | 33,303.10 | 33,861.90 |
| Iowa | 655 | 2,683 | 5,400 | 8,364.59 | 8,440.24 | 8,416.13 | 8,436.51 | 8,506.00 |
| Minnesota | ..... | 1,092 | 3,151 | 5,375.45 | 5,470.54 | 5,545.35 | 5,666.38 | 5,874.06 |
| Nebraska | ..... | 705 | 1,958 | 4,979.51 | 5,124.20 | 5,407.47 | 5,430.49 | 5,524.28 |
| North Dakota / South Dakota | ..... | 65 | 1,225 | 4,465.49 | 2,082.63 / 2,472.02 | 2,116.49 / 2,610.41 | 2,222.77 / 2,699.92 | 2,315.24 / 2,707.89 |
| Wyoming | ..... | 459 | 512 | 901.70 | 941.88 | 1,002.93 | 1,048.71 | 1,150.13 |
| Montana | ..... | ..... | 106 | 1,803.04 | 1,971.73 | 2,195.58 | 2,551.82 | 2,667.87 |
| Total Northwestern | 655 | 5,004 | 12,347 | 25,889.78 | 26,503.24 | 27,294.36 | 28,056.60 | 28,745.49 |
| California | 23 | 925 | 2,195 | 4,121.19 | 4,205.02 | 4,328.03 | 4,484.65 | 4,623.65 |
| Oregon | ..... | 159 | 508 | 1,412.01 | 1,413.64 | 1,455.53 | 1,503.52 | 1,521.82 |
| Washington | ..... | ..... | 289 | 1,319.02 | 1,685.57 | 2,004.65 | 2,262.33 | 2,722.13 |
| Nevada | ..... | 593 | 739 | 947.73 | 916.13 | 923.13 | 923.13 | 923.23 |
| Arizona | ..... | ..... | 349 | 1,094.33 | 1,094.31 | 1,094.31 | 1,097.57 | 1,161.97 |
| Utah | ..... | 257 | 842 | 1,153.13 | 1,177.43 | 1,265.49 | 1,335.66 | 1,356.59 |
| Idaho | ..... | ..... | 206 | 867.92 | 929.09 | 946.11 | 953.14 | 1,073.29 |
| Total Pacific | 23 | 1,934 | 5,128 | 10,915.33 | 11,421.74 | 12,017.30 | 12,560.05 | 13,382.68 |

RECAPITULATION BY GROUPS OF STATES.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| New England | 3,660 | 4,494 | 5,977 | 6,643.53 | 6,731.20 | 6,831.90 | 6,850.36 | 6,914.69 |
| Middle Atlantic | 6,353 | 10,577 | 15,161 | 19,336.51 | 19,703.90 | 20,103.72 | 20,534.03 | 21,102.50 |
| Central Northern | 9,583 | 14,701 | 25,109 | 35,354.91 | 36,178.90 | 36,926.68 | 37,422.44 | 38,362.15 |
| South Atlantic | 5,463 | 6,481 | 8,474 | 14,991.11 | 16,206.98 | 17,300.59 | 18,226.93 | 19,781.02 |
| Gulf and Miss. Valley | 3,727 | 5,106 | 6,995 | 11,786.18 | 12,616.25 | 13,342.66 | 13,841.02 | 14,072.71 |
| Southwestern | 1,162 | 4,625 | 14,085 | 31,251.29 | 31,990.66 | 32,887.95 | 33,303.10 | 33,861.90 |
| Northwestern | 655 | 5,004 | 12,347 | 25,889.78 | 26,503.24 | 27,294.36 | 28,056.60 | 28,745.49 |
| Pacific | 23 | 1,934 | 5,128 | 10,915.33 | 11,421.74 | 12,017.30 | 12,560.05 | 13,382.68 |
| United States | 30,626 | 52,922 | 93,296 | 156,169.13 | 161,352.32 | 166,705.66 | 170,794.53 | 175,223.44 |

## No. 216.—LENGTH OF LINES, COST OF CONSTRUCTION, AND TRAFFIC OF RAILROADS IN THE UNITED STATES, EACH FISCAL YEAR OF RAILROADS FROM 1884 TO 1892, INCLUSIVE.

[From Poor's Railroad Manual.]

| Years. | Length of lines.a | Cost of construction. | | | | Total cost of construction per mile. |
|---|---|---|---|---|---|---|
| | | Capital stock.a | Funded debt.a | Floating debt.a | Total liabilities.a | |
| | *Miles.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1884 | 125,152 | 3,762,617,000 | 3,669,116,000 | 244,667,000 | 7,676,400,000 | 61,337 |
| 1885 | 127,729 | 3,817,698,000 | 3,765,727,000 | 259,108,000 | 7,842,533,000 | 61,400 |
| 1886 | 133,606 | 3,999,509,000 | 3,882,966,000 | 280,674,000 | 8,163,149,000 | 61,099 |
| 1887 | 147,999 | 4,191,562,000 | 4,186,943,000 | 294,682,000 | 8,673,187,000 | 58,603 |
| 1888 | 154,276 | 4,438,411,000 | 4,624,035,000 | 306,953,000 | 9,369,399,000 | 60,731 |
| 1889 | 159,994 | 4,495,099,000 | 4,828,366,000 | 357,477,000 | 9,680,942,000 | 60,506 |
| 1890 | 163,420 | 4,640,240,000 | 5,105,902,000 | 376,494,000 | 10,122,636,000 | 61,942 |
| 1891 | 167,909 | 4,809,176,651 | 5,235,295,074 | 345,362,503 | 10,389,834,228 | 61,878 |
| 1892 | 171,866 | 4,920,555,225 | 5,463,611,204 | 285,831,888 | 10,669,998,319 | 62,063 |

| Years. | Gross traffic earnings. | | | | Percentage of gross traffic earnings to total liabilities. | Net traffic earnings.a |
|---|---|---|---|---|---|---|
| | From passengers. | From freight. | Miscellaneous.a | Total gross receipts.a | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | | *Dollars.* |
| 1884 | 206,790,000 | 502,870,000 | 67,736,000 | 777,396,000 | 10.1 | 270,891,000 |
| 1885 | 200,884,000 | 509,691,000 | 61,994,000 | 772,569,000 | 9.9 | 269,494,000 |
| 1886 | 211,930,000 | 550,359,000 | 67,652,000 | 829,941,000 | 10.1 | 300,604,000 |
| 1887 | 240,543,000 | 636,666,000 | 62,942,000 | 940,151,000 | 10.8 | 334,989,000 |
| 1888 | 251,356,000 | 639,201,000 | 69,699,000 | 960,256,000 | 10.2 | 301,631,000 |
| 1889 | 259,439,000 | 665,962,000 | 77,525,000 | 1,002,926,000 | 10.4 | 322,123,000 |
| 1890 | 273,664,000 | 740,375,000 | 83,808,000 | 1,097,847,000 | 10.8 | 346,921,000 |
| 1891 | 290,800,000 | 754,186,000 | 93,039,000 | 1,138,025,000 | 10.9 | 356,210,000 |
| 1892 | 293,557,000 | 816,717,000 | 94,998,000 | 1,205,272,000 | 11.2 | 358,639,000 |

| Years. | Interest paid.a | Dividends.a | Interest per cent of bonds and debt. | Dividends per cent of stock. | Earnings per mile of railroad in operation. | | Percentage of expenses to earnings. |
|---|---|---|---|---|---|---|---|
| | | | | | Gross. | Net. | |
| | *Dollars.* | *Dollars.* | | | *Dollars.* | *Dollars.* | |
| 1884 | 178,058,000 | 94,415,000 | 4.55 | 2.51 | 6,663 | 2,318 | 65.21 |
| 1885 | 187,426,000 | 77,672,000 | 4.65 | 2.03 | 6,265 | 2,185 | 65.13 |
| 1886 | 189,036,000 | 81,654,000 | 4.54 | 2.04 | 6,570 | 2,376 | 63.84 |
| 1887 | 203,790,000 | 91,573,000 | 4.55 | 2.18 | 6,861 | 2,444 | 64.45 |
| 1888 | 207,124,000 | 80,243,000 | 4.20 | 1.81 | 6,540 | 2,045 | 68.72 |
| 1889 | 218,974,000 | 81,263,000 | 4.22 | 1.81 | 6,524 | 2,095 | 67.95 |
| 1890 | 226,800,000 | 85,075,705 | 4.14 | 1.83 | 6,901 | 2,195 | 68.33 |
| 1891 | 231,260,000 | 90,720,000 | 4.14 | 1.89 | 6,926 | 2,168 | 68.83 |
| 1892 | 239,260,000 | 83,337,000 | 4.38 | 1.68 | 6,986 | 2,068 | 70.40 |

| Years. | Passengers carried. | Passengers carried 1 mile. | Average receipts per passenger per mile. | Freight carried. | Freight carried 1 mile. | Average receipts per ton per mile. |
|---|---|---|---|---|---|---|
| | | | *Cents.* | *Tons.* | *Tons.* | *Cents.* |
| 1884 | 334,570,000 | 8,778,581,000 | 2.36 | 339,075,000 | 44,725,208,000 | 1.12 |
| 1885 | 351,428,000 | 9,133,674,000 | 2.20 | 437,040,000 | 49,151,894,000 | 1.04 |
| 1886 | 382,285,000 | 9,659,698,000 | 2.19 | 482,245,000 | 52,802,071,000 | 1.04 |
| 1887 | 428,226,000 | 10,570,307,000 | 2.27 | 552,075,000 | 61,561,070,000 | 1.03 |
| 1888 | 451,354,000 | 11,190,614,000 | 2.25 | 590,857,000 | 65,423,006,000 | .98 |
| 1889 | 494,808,000 | 11,964,726,000 | 2.17 | 619,166,000 | 68,677,277,000 | .97 |
| 1890 | 520,439,000 | 12,521,566,000 | 2.18 | 691,344,437 | 79,192,985,000 | .98 |
| 1891 | 556,016,000 | 13,316,925,000 | 2.18 | 704,399,000 | 81,210,154,000 | .93 |
| 1892 | 575,770,000 | 13,697,344,000 | 2.14 | 749,332,000 | 84,448,197,000 | .97 |

a Includes New York elevated railroads.

NOTE.—The data given above relate only to those lines which make returns.

**No. 217.—MILES OPERATED, CAPITAL INVESTED, EARNINGS AND DIVIDENDS OF RAILROADS IN THE UNITED STATES, FOR EACH YEAR FROM 1871 TO 1892, INCLUSIVE.**

[From Poor's Railroad Manual.]

| Years. | Miles operated. | Capital and funded debt (stock and bonds). | Earnings. | | | | Dividends paid. |
|---|---|---|---|---|---|---|---|
| | | | Gross. | Net. | From freight. | From passengers. | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1871..... | 44, 614 | 2, 664, 627, 645 | 403, 329, 209 | 141, 746, 404 | 294, 430, 322 | 108, 898, 886 | 56, 456, 681 |
| 1872..... | 57, 523 | 3, 159, 423, 057 | 465, 241, 055 | 165, 754, 373 | 340, 931, 785 | 132, 309, 270 | 64, 418, 157 |
| 1873..... | 66, 237 | 3, 784, 543, 034 | 526, 419, 935 | 183, 810, 562 | 389, 035, 508 | 137, 384, 427 | 67, 120, 709 |
| 1874..... | 69, 273 | 4, 221, 763, 594 | 520, 466, 016 | 189, 570, 958 | 379, 466, 935 | 140, 999, 081 | 67, 042, 942 |
| 1875..... | 71, 759 | 4, 415, 631, 630 | 503, 065, 505 | 185, 506, 438 | 368, 960, 234 | 139, 105, 271 | 74, 291, 208 |
| 1876..... | 73, 508 | 4, 468, 591, 935 | 497, 257, 959 | 186, 452, 752 | 361, 137, 376 | 136, 120, 583 | 68, 039, 668 |
| 1877..... | 74, 112 | 4, 568, 597, 248 | 472, 909, 272 | 170, 976, 697 | 342, 859, 222 | 130, 050, 050 | 58, 566, 312 |
| 1878..... | 78, 960 | 4, 589, 948, 793 | 490, 103, 351 | 187, 575, 167 | 365, 466, 061 | 124, 637, 290 | 58, 629, 368 |
| 1879..... | 82, 223 | 4, 762, 506, 010 | 529, 012, 999 | 219, 916, 724 | 386, 676, 108 | 142, 336, 191 | 61, 681, 470 |
| 1880..... | 84, 225 | 4, 897, 401, 997 | 615, 401, 931 | 255, 193, 436 | 467, 748, 928 | 147, 653, 003 | 77, 115, 411 |
| 1881..... | 94, 486 | 6, 055, 798, 785 | 725, 325, 119 | 276, 654, 119 | 551, 968, 477 | 173, 356, 642 | 93, 344, 200 |
| 1882..... | 107, 158 | 6, 640, 493, 397 | 770, 356, 716 | 310, 682, 877 | 506, 367 247 | 202, 140, 775 | 102, 031, 434 |
| 1883..... | 110, 414 | 6, 746, 579, 147 | 823, 772, 924 | 293, 367, 285 | 549, 756, 695 | 215, 287, 824 | 102, 052, 543 |
| 1884..... | 115, 672 | 7, 481, 732, 458 | 770, 684, 908 | 268, 064, 496 | 506, 925, 375 | 208, 300, 940 | 93, 244, 835 |
| 1885..... | 123, 320 | 7, 583, 424, 898 | 772, 568, 833 | 269, 493, 931 | 519, 690, 992 | 200, 883, 911 | 77, 672, 105 |
| 1886..... | 125, 185 | 7, 882, 474, 838 | 829, 940, 836 | 300, 603, 564 | 550, 359, 104 | 211, 929, 857 | 81, 654, 138 |
| 1887..... | 137, 028 | 8, 378, 505, 145 | 940, 150, 702 | 334, 989, 119 | 636, 666, 223 | 240, 542, 876 | 91, 573, 458 |
| 1888..... | 145, 387 | 9, 062, 446, 365 | 960, 256, 270 | 301, 631, 051 | 639, 200, 723 | 251, 356, 167 | 90, 243, 041 |
| 1889..... | 153, 689 | 9, 323, 465, 089 | 992, 046, 319 | 317, 963, 074 | 665, 962, 331 | 259, 439, 231 | 79, 531, 863 |
| 1890..... | 157, 976 | 9, 643, 491, 551 | 1,078,835,389 | 341, 666, 369 | 734, 821, 733 | 272, 320, 961 | 83, 575, 705 |
| 1891..... | 164, 262 | 9, 930, 572, 487 | 1,125,534,815 | 350, 807, 370 | 754, 185, 910 | 290, 799, 696 | 89, 099, 757 |
| 1892..... | 170, 607 | 10, 268, 169, 042 | 1,191,857,099 | 352, 817, 405 | 816, 716, 759 | 293, 557, 476 | 81, 536, 811 |

NOTES.—(1) No comprehensive figures of the business of the railways of the United States are attainable prior to the above. And even these tables are the fruit of private enterprise, in compiling from the official annual reports of each road the results of the traffic as shown above. (2) This table differs from Table No. 228 in that it does not include New York elevated railroads.

## No. 218.—MILEAGE, CAPITAL, COST, AND REVENUE OF THE RAILROADS IN EACH STATE AND TERRITORY OF THE UNITED STATES AT THE CLOSE OF THE FISCAL YEAR (OF THE RAILROADS), 1892.

| States and Territories. | Length of line. | Length of lines operated. | Capital account. | | | Cost of railroad and equipment. | Gross earnings. | | | Net earnings. | Interest paid on bonds. | Dividends paid on stocks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Capital stock. | Funded debt. | Total investment.a | | From passengers. | From freight. | From all sources. | | | |
| | *Miles.* | *Miles.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Maine | 1,488.01 | 1,545.83 | 25,941,686 | 31,414,900 | 58,233,609 | 50,594,117 | 2,682,515 | 3,999,571 | 7,047,680 | 2,278.866 | 1,592.483 | 698,755 |
| New Hampshire | 727.40 | 464.03 | 13,716,900 | 9,553,800 | 26,121,881 | 19,522,519 | 1,067,417 | 1,447,845 | 2,663,741 | 706,267 | 355.648 | 751,943 |
| Vermont | 889.29 | 973.86 | 20,802,033 | 14,651,100 | 37,498,077 | 34,730,420 | 1,802,373 | 3,947 000 | 6,061,289 | 1,672,453 | 797,426 | 412,717 |
| Massachusetts | 2,826.86 | 3,329.60 | 144,583,117 | 91,921,910 | 244,626,712 | 219,946,137 | 22,248,482 | 24,284,596 | 49,996,536 | 13,281,038 | 5,083,641 | 7,107,764 |
| Rhode Island | 160.68 | 155.95 | 6,779,450 | 3,311,900 | 11,183,672 | 7,512,053 | 1,584,507 | 1,583,714 | 3,348,763 | 1,042,902 | 126,733 | 584,381 |
| Connecticut | 995.30 | 862.38 | 45,669,480 | 15,659,300 | 63,786,414 | 64,841,911 | 6,906,261 | 6,812,582 | 14,316,891 | 3,739,706 | 794,092 | 2,992,366 |
| Total New England | 7,087.54 | 7,332.55 | 257,492,666 | 166,512,910 | 441,450,365 | 397,147,157 | 36,291,555 | 41,575,308 | 83,434,898 | 22,721,232 | 8,750,023 | 12,547,926 |
| New York | 8,001.37 | 7,344.11 | 435,445,492 | 430,901,543 | 884,637,111 | 854,435,766 | 26,765,301 | 64,847,247 | 97,563,201 | 28,698,335 | 18,795,669 | 9,820,283 |
| New Jersey | 2,118.74 | 1,988.77 | 131,360,344 | 161,217,449 | 297,065,476 | 250,777,668 | 14,044,116 | 23,462,315 | 39,830,190 | 11,547,718 | 7,197,476 | 3,727,546 |
| Pennsylvania | 8,459.98 | 8,727.58 | 528,983,402 | 549,515,610 | 1,112,486,755 | 792,720,593 | 26,388,977 | 124,022,943 | 158,655,182 | 46,513,866 | 23,375,004 | 11,038,468 |
| Delaware | 273.33 | 339.03 | 7,723,740 | 6,926,000 | 15,102,744 | 14,931,722 | 856,942 | 1,704,882 | 2,909,586 | 746,260 | 294,773 | 133,819 |
| Maryland<br>District of Columbia | 1,433.60 | 1,476.13 | 65,190,516 | 101,578,192 | 172,693,231 | 112,032,063 | 3,847,814 | 9,351,740 | 14,513,681 | 4,177,321 | 3,727,590 | 702,166 |
| Total Middle | 20,287.02 | 19,875.62 | 1,168,703,494 | 1,250,138,794 | 2,481,985,317 | 2,024,897,812 | 71,903,150 | 223,388,627 | 313,371,840 | 91,682,500 | 53,390,512 | 25,422,282 |
| Ohio | 12,202.93 | 13,068.28 | 441,523,427 | 446,566,303 | 929,705,881 | 877,742,291 | 27,469,557 | 86,185,685 | 121,905,108 | 29,357,722 | 17,261,393 | 9,565,920 |
| Michigan | 6,183.59 | 6,498.03 | 112,135,116 | 130,844,909 | 249,631,764 | 250,663,965 | 10,587,786 | 23,297,347 | 35,866,493 | 9,289,346 | 7,164,063 | 1,907,738 |
| Indiana | 4,338.95 | 4,742.58 | 108,359,151 | 136,300,222 | 248,901,135 | 246,431,117 | 7,277,613 | 18,066,501 | 27,484,215 | 6,939,043 | 5,618,545 | 635,644 |
| Illinois | 19,576.93 | 20,816.93 | 413,902,661 | 509,117,035 | 933,431,367 | 856,372,781 | 30,285,351 | 89,102,249 | 128,841,970 | 40,959,556 | 23,016,543 | 13,517,877 |
| Wisconsin | 8,163.75 | 8,037.57 | 115,479,386 | 188,959,874 | 305,858,735 | 293,536,239 | 9,167,964 | 32,470,816 | 44,494,166 | 15,718,790 | 9,468,428 | 1,235,434 |
| Total Central Northern | 50,466.15 | 53,163.39 | 1,191,399,741 | 1,411,788,343 | 2,667,528,532 | 2,524,746,293 | 84,788,271 | 249,122,598 | 358,591,952 | 102,264,457 | 62,528,972 | 26,862,663 |

a This column embraces capital stock, bonded debt, and unfunded debt.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Virginia | 4,245.37 | 7,116.71 | 167,275,264 | 168,803,104 | 345,084,957 | 306,856,991 | 8,645,291 | 24,662,851 | 36,859,599 | 10,471,934 | 6,474,505 | 1,810,694 |
| West Virginia | 1,061.09 | 849.32 | 38,665,460 | 22,791,000 | 63,512,974 | 48,949,310 | 702,492 | 1,363,521 | 2,250,471 | 891,850 | 775,025 | 105,001 |
| North Carolina | 2,773.46 | 1,725.03 | 34,737,750 | 36,782,295 | 72,993,686 | 73,508,825 | 950,791 | 2,435,683 | 3,745,376 | 1,687,584 | 1,425,883 | 456,171 |
| South Carolina | 2,695.46 | 2,013.71 | 30,053,007 | 49,116,063 | 82,301,170 | 83,419,641 | 1,591,886 | 3,399,394 | 5,400,920 | 1,377,060 | 1,357,971 | 136,476 |
| Georgia | 5,556.59 | 4,102.04 | 63,792,387 | 83,376,044 | 162,053,985 | 146,728,305 | 3,769,826 | 9,322,386 | 14,079,205 | 4,116,920 | 4,221,353 | 1,505,769 |
| Florida | 2,326.43 | 1,805.22 | 42,626,302 | 25,543,101 | 74,150,205 | 60,694,691 | 1,360,235 | 2,514,033 | 4,307,032 | 854,037 | 323,214 | ..... |
| Total South Atlantic | 18,658.40 | 17,612.03 | 377,150,170 | 381,411,607 | 800,096,977 | 719,157,763 | 17,020,521 | 43,697,868 | 66,642,603 | 19,399,385 | 14,576,950 | 4,013,511 |
| Kentucky | 3,683.12 | 4,579.91 | 116,520,426 | 150,357,426 | 272,958,275 | 242,340,242 | 7,390,013 | 21,321,929 | 30,929,669 | 9,799,494 | 6,366,018 | 2,498,000 |
| Tennessee | 3,913.12 | 3,794.93 | 93,386,492 | 113,266,150 | 211,711,072 | 195,084,314 | 4,569,276 | 12,443,423 | 18,118,059 | 4,696,654 | 4,401,042 | 855,935 |
| Alabama | 2,577.60 | 1,851.89 | 54,558,328 | 59,502,903 | 116,211,985 | 106,094,707 | 1,407,317 | 5,087,657 | 7,182,752 | 1,714,506 | 1,718,810 | 22,946 |
| Mississippi | 502.46 | 482.46 | 7,456,000 | 11,559,822 | 19,025,197 | 18,087,036 | 496,419 | 1,321,776 | 1,910,886 | 360,601 | 216,173 | 24,200 |
| Louisiana | 1,392.96 | 700.72 | 37,514,125 | 35,072,651 | 73,507,220 | 69,631,487 | 525,117 | 1,647,297 | 2,331,631 | 530,588 | 771,015 | 6,554 |
| Total Gulf and Mississippi Valley | 12,069.26 | 11,409.91 | 309,435,371 | 369,758,952 | 693,413,749 | 631,187,786 | 14,388,142 | 41,821,081 | 60,472,997 | 17,101,843 | 13,473,058 | 3,407,635 |
| Missouri | 10,306.57 | 11,319.36 | 275,982,060 | 277,918,081 | 563,677,783 | 471,588,651 | 11,425,077 | 42,457,777 | 59,619,142 | 17,410,408 | 12,005,871 | 1,857,571 |
| Arkansas | 2,093.55 | 993.72 | 57,732,659 | 41,029,775 | 99,845,453 | 98,064,296 | 865,475 | 3,130,510 | 4,204,166 | 1,250,272 | 1,046,294 | ..... |
| Texas | 7,765.43 | 5,743.43 | 131,612,717 | 183,845,851 | 329,882,277 | 312,910,254 | 5,112,360 | 16,064,617 | 22,555,370 | 4,679,912 | 7,260,995 | ..... |
| Kansas | 6,798.69 | 9,667.00 | 138,314,250 | 272,435,274 | 417,578,970 | 159,743,221 | 3,783,801 | 31,825,707 | 44,369,853 | 10,992,904 | 9,406,961 | ..... |
| Colorado | 3,464.60 | 2,482.43 | 116,620,992 | 88,741,400 | 208,208,358 | 194,425,388 | 2,404,927 | 8,840,906 | 12,347,014 | 4,719,151 | 3,978,647 | ..... |
| New Mexico | 1,008.55 | 107.30 | 88,244,100 | 66,164,979 | 164,167,596 | 135,386,630 | 26,453 | 100,631 | 133,464 | 438,885 | 1,090,843 | ..... |
| Indian Territory | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total Southwestern | 31,437.39 | 30,313.24 | 808,506,778 | 930,135,360 | 1,783,360,437 | 1,372,118,440 | 28,618,093 | 102,420,148 | 143,229,009 | 39,491,532 | 35,789,611 | 1,857,571 |
| Iowa | 3,738.02 | 2,882.46 | 65,363,317 | 58,142,157 | 130,526,058 | 130,718,971 | 2,058,359 | 6,774,796 | 9,320,380 | 2,350,291 | 2,215,740 | 242,855 |
| Minnesota | 11,571.95 | 12,241.79 | 253,889,095 | 342,791,677 | 626,690,286 | 576,023,867 | 14,065,582 | 47,688,150 | 64,759,911 | 24,409,413 | 15,605,332 | 4,357,353 |
| Nebraska | 3,992.95 | 3,986.96 | 74,212,157 | 152,031,697 | 226,246,152 | 203,257,494 | 4,746,591 | 18,411,679 | 25,748,153 | 9,820,616 | 6,934,194 | ..... |
| North Dakota | 63.75 | ..... | 1,000,000 | 963,000 | 1,963,000 | 1,963,000 | ..... | ..... | ..... | ..... | 57,780 | ..... |
| South Dakota | 136.67 | 110.73 | 1,895,000 | 1,395,000 | 3,675,158 | 3,513,083 | 6,994 | 224,542 | 240,504 | 83,862 | 82,500 | ..... |
| Wyoming | 1,457.37 | 2,516.70 | 26,591,354 | 50,005,000 | 76,596,354 | 61,245,147 | 1,580,530 | 5,127,636 | 7,236,786 | 2,663,676 | 2,304,627 | ..... |
| Montana | 829.85 | 325.45 | 10,548,600 | 19,243,000 | 29,871,600 | 30,875,304 | 518,070 | 1,678,468 | 2,271,652 | 756,267 | 994,080 | ..... |
| Total Northwestern | 21,790.56 | 22,064.09 | 433,499,523 | 624,571,531 | 1,095,568,608 | 1,007,596,866 | 22,976,126 | 79,905,271 | 109,577,386 | 40,084,125 | 28,094,253 | 4,600,208 |

## No. 218.—MILEAGE, CAPITAL, COST, AND REVENUE OF THE RAILROADS IN EACH STATE AND TERRITORY OF THE UNITED STATES AT THE CLOSE OF THE FISCAL YEAR (OF THE RAILROADS), 1892—Continued.

| States and Territories. | Length of line. | Length of lines operated. | Capital account. | | | Cost of railroad and equipment. | Gross earnings. | | | Net earnings. | Interest paid on bonds. | Dividends paid on stocks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Capital stock. | Funded debt. | Total investment. a | | From passengers. | From freight. | From all sources. | | | |
| | *Miles.* | *Miles.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| California | 5,067.16 | 7,055.18 | 188,167,113 | 156,521,223 | 345,423,417 | 395,147,073 | 16,356,981 | 30,961,626 | 51,106,112 | 18,272,549 | 10,930,724 | 1,360,136 |
| Oregon | 1,929.52 | 209.91 | 48,704,263 | 57,929,749 | 107,034,191 | 84,140,990 | 137,917 | 178,237 | 333,237 | *b* 43,317 | 1,029,817 | 1,440,000 |
| Washington | 1,092.84 | 428.43 | 21,634,654 | 16,996,000 | 39,099,219 | 40,754,099 | 116,742 | 742,891 | 1,011,047 | 401,390 | 210,960 | ..... |
| Nevada | 525.75 | 452.75 | 10,510,000 | 4,450,000 | 15,104,770 | 13,935,069 | 188,130 | 651,574 | 920,274 | 321,802 | ..... | 212,500 |
| Arizona | 740.96 | 178.48 | 27,512,800 | 17,633,000 | 45,542,247 | 46,896,058 | 58,948 | 312,636 | 385,991 | 158,244 | 156,572 | ..... |
| Utah | 652.17 | 511.26 | 20,402,500 | 17,202,500 | 38,016,200 | 35,326,737 | 712,900 | 1,938,894 | 2,779,753 | 961,663 | 588,800 | 312,399 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total Pacific | 10,008.40 | 8,836.01 | 316,931,330 | 270,732,472 | 590,220,044 | 616,200,026 | 17,571,618 | 34,785,858 | 56,536,414 | 20,072,331 | 12,916,873 | 3,325,035 |

### RECAPITULATION.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | 7,087.54 | 7,332.55 | 257,492,666 | 166,512,910 | 441,450,365 | 397,147,157 | 36,291,555 | 41,575,308 | 83,434,898 | 22,721,232 | 8,750,023 | 12,547,926 |
| Middle | 20,287.02 | 19,875.62 | 1,168,703,494 | 1,250,138,794 | 2,481,985,317 | 2,024,897,812 | 71,903,150 | 223,388,627 | 313,371,840 | 91,682,500 | 53,390,512 | 25,422,282 |
| Central Northern | 50,466.15 | 53,163.39 | 1,191,399,741 | 1,411,788,343 | 2,667,528,832 | 2,524,746,293 | 84,788,271 | 249,122,598 | 358,591,952 | 102,264,457 | 62,528,972 | 26,862,663 |
| South Atlantic | 18,658.40 | 17,612.03 | 377,150,170 | 381,411,607 | 800,096,977 | 719,157,763 | 17,020,521 | 43,697,868 | 66,642,603 | 19,399,385 | 14,576,950 | 4,013,511 |
| Gulf and Mississippi Valley | 12,069.26 | 11,409.91 | 309,435,371 | 369,758,952 | 693,413,749 | 631,187,786 | 14,388,142 | 41,821,081 | 60,472,997 | 17,101,843 | 13,473,058 | 3,407,635 |
| Southwestern | 31,437.39 | 30,313.24 | 808,506,778 | 930,135,360 | 1,783,360,437 | 1,372,118,440 | 28,618,093 | 102,420,148 | 143,229,009 | 39,491,532 | 35,789,611 | 1,357,571 |
| Northwestern | 21,790.56 | 22,064.09 | 433,499,523 | 624,571,531 | 1,095,568,608 | 1,007,596,866 | 22,976,126 | 79,905,271 | 109,577,386 | 40,084,125 | 28,694,253 | 4,600,208 |
| Pacific | 10,008.40 | 8,836.01 | 316,931,330 | 270,732,472 | 590,220,044 | 616,200,026 | 17,571,618 | 34,785,858 | 56,536,414 | 20,072,331 | 12,916,873 | 3,325,035 |
| Total | 171,804.72 | 170,606.84 | 4,863,119,073 | 5,703,509,969 | 10,553,624,320 | 9,293,052,143 | 293,557,476 | 816,716,759 | 1,191,857,099 | 352,817,405 | 230,120,252 | 81,536,831 |

*a* This column embraces capital stock, bonded debt, and unfunded debt.

*b* Deficit.

**No. 219.—Number of LOCOMOTIVES and CARS on the RAILROADS of the United States, by Geographical Divisions, each Year from 1881 to 1892, inclusive.**

[Compiled from Poor's Manual of Railroads.]

| Geographical divisions. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|---|---|---|
| New England States: | | | | | | | |
| Locomotive engines ..... | 2,054 | 2,190 | 2,200 | 2,307 | 2,366 | 2,473 | 2,551 |
| Cars: | | | | | | | |
| Passenger ..... | 2,659 | 2,923 | 2,977 | 3,168 | 3,265 | 3,250 | 3,549 |
| Baggage, mail, etc... | 779 | 745 | 770 | 754 | 684 | 680 | 795 |
| Freight..... | 44,942 | 47,282 | 48,473 | 51,542 | 49,430 | 54,464 | 56,338 |
| Middle States: | | | | | | | |
| Locomotive engines..... | 7,732 | 8,034 | 8,347 | 8,879 | 8,718 | 9,228 | 10,314 |
| Cars: | | | | | | | |
| Passenger ..... | 7,125 | 7,628 | 7,801 | 8,301 | 6,932 | 7,710 | 8,404 |
| Baggage, mail, etc... | 1,626 | 1,558 | 1,669 | 1,700 | 1,931 | 1,859 | 2,179 |
| Freight..... | 333,677 | 379,177 | 383,529 | 374,435 | 379,073 | 370,124 | 406,715 |
| Central Northern States: | | | | | | | |
| Locomotive engines..... | 8,144 | 8,330 | 8,856 | 9,060 | 9,221 | 9,946 | 10,085 |
| Cars: | | | | | | | |
| Passenger ..... | 4,070 | 4,297 | 4,515 | 4,894 | 4,842 | 5,264 | 5,741 |
| Baggage, mail, etc ... | 1,813 | 1,888 | 1,925 | 1,978 | 1,970 | 2,003 | 2,100 |
| Freight..... | 269,035 | 291,347 | 310,109 | 328,439 | 325,027 | 348,872 | 358,088 |
| South Atlantic States: | | | | | | | |
| Locomotive engines..... | 1,552 | 1,676 | 1,683 | 2,012 | 2,295 | 2,318 | 2,695 |
| Cars: | | | | | | | |
| Passenger ..... | 1,315 | 1,059 | 1,090 | 1,217 | 1,306 | 1,404 | 1,687 |
| Baggage, mail, etc... | 431 | 515 | 517 | 550 | 594 | 682 | 697 |
| Freight..... | 30,576 | 34,390 | 37,722 | 45,241 | 53,121 | 56,535 | 68,742 |
| Gulf and Miss. Valley States: | | | | | | | |
| Locomotive engines ..... | 1,358 | 1,414 | 1,568 | 1,648 | 1,770 | 1,937 | 1,950 |
| Cars: | | | | | | | |
| Passenger ..... | 844 | 850 | 914 | 958 | 975 | 1,089 | 1,121 |
| Baggage, mail, etc.... | 356 | 368 | 353 | 369 | 384 | 418 | 433 |
| Freight ..... | 33,536 | 36,873 | 44,132 | 49,115 | 54,746 | 63,007 | 63,307 |
| Southwestern States: | | | | | | | |
| Locomotive engines..... | 2,736 | 3,154 | 3,648 | 3,785 | 3,882 | 4,103 | 3,999 |
| Cars: | | | | | | | |
| Passenger ..... | 1,444 | 1,877 | 2,077 | 2,150 | 2,048 | 2,138 | 2,023 |
| Baggage, mail, etc.... | 637 | 774 | 848 | 921 | 867 | 919 | 854 |
| Freight ..... | 68,400 | 86,015 | 95,585 | 100,189 | 102,803 | 113,869 | 112,930 |
| Northwestern States: | | | | | | | |
| Locomotive engines ..... | 1,740 | 1,909 | 2,111 | 2,389 | 2,539 | 2,624 | 2,625 |
| Cars: | | | | | | | |
| Passenger ..... | 936 | 935 | 1,071 | 1,242 | 1,321 | 1,212 | 1,297 |
| Baggage, mail, etc.... | 420 | 447 | 475 | 506 | 537 | 528 | 532 |
| Freight..... | 43,731 | 55,793 | 63,824 | 71,921 | 77,276 | 81,834 | 80,971 |
| Pacific States: | | | | | | | |
| Locomotive engines ..... | 1,099 | 1,143 | 985 | 1,011 | 1,041 | 934 | 1,062 |
| Cars: | | | | | | | |
| Passenger ..... | 859 | 1,013 | 980 | 955 | 975 | 1,016 | 1,059 |
| Baggage, mail, etc.... | 263 | 297 | 270 | 275 | 286 | 279 | 310 |
| Freight ..... | 22,017 | 25,754 | 21,742 | 20,287 | 20,526 | 21,581 | 21,758 |
| RECAPITULATION. | | | | | | | |
| United States: | | | | | | | |
| Locomotive engines..... | 26,415 | 27,850 | 29,398 | 31,041 | 31,812 | 33,563 | 35,281 |
| Cars: | | | | | | | |
| Passenger ..... | 19,252 | 20,582 | 21,425 | 22,885 | 21,664 | 23,083 | 24,881 |
| Baggage, mail, etc.... | 6,325 | 6,592 | 6,827 | 7,053 | 7,253 | 7,368 | 7,900 |
| Freight ..... | 845,914 | 956,631 | 1,005,116 | 1,041,169 | 1,061,952 | 1,110,286 | 1,168,849 |

**No. 220.—FREIGHT CHARGES PER TON PER MILE ON THE FOLLOWING TRUNK RAILROADS OF THE UNITED STATES AND ON THE NEW YORK STATE CANALS, FROM 1873 TO 1892, INCLUSIVE.**

| Railroads and canals. | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. | 1879. | 1880. | 1881. | 1882. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* |
| New York Central *a* | 1.57 | 1.462 | 1.27 | 1.05 | 1.01 | .93 | .78 | .88 | .78 | .73 |
| Pennsylvania *b* | 1.415 | 1.255 | 1.058 | .892 | .980 | .918 | .796 | .88 | .799 | .817 |
| New York, Lake Erie and Western *a* | 1.454 | 1.312 | 1.209 | 1.099 | .955 | .973 | .718 | .836 | .805 | .749 |
| Boston and Albany *a* | 1.96 | 1.82 | 1.53 | 1.28 | 1.21 | 1.13 | 1.10 | 1.21 | 1.04 | 1.07 |
| Philadelphia and Erie *b* | 1.13 | .94 | .86 | .78 | .79 | .63 | .51 | .56 | .55 | .63 |
| Lake Shore and Michigan Southern *b* | 1.335 | 1.18 | 1.01 | .817 | .864 | .734 | .642 | .750 | .617 | .628 |
| Michigan Central *b* | 1.891 | 1.569 | 1.398 | 1.115 | .878 | .848 | .692 | .842 | .718 | .77 |
| Chicago, Burlington and Quincy *b* | 1.921 | 1.901 | 1,889 | 1,603 | 1.428 | 1.247 | 1.023 | (*d*) | (*d*) | (*d*) |
| Chicago and Northwestern *c* | 2.35 | 2.22 | 2.10 | 1.95 | 1.86 | 1.73 | 1.56 | 1.49 | 1.47 | 1.47 |
| Chicago, Milwaukee and St. Paul *b* | 2.50 | 2.38 | 2.10 | 2.04 | 2.06 | 1.80 | 1.72 | 1.76 | 1.70 | 1.48 |
| St. Louis, Iron Mountain and Southern *b* | 2.63 | 2.20 | 2.05 | 1.98 | 1.92 | 1.88 | 2.08 | 1.76 | 1.50 | |
| Chicago, Rock Island and Pacific *c* | 2.29 | 2.07 | 1.92 | 1.91 | 1.71 | 1.56 | 1.43 | 1.21 | 1.22 | 1.28 |
| Illinois Central *b* | 2.20 | 2.09 | 1.93 | 1.80 | 1.82 | 1.64 | 1.52 | 1.54 | 1.52 | 1.42 |
| Chicago and Alton *b* | ..... | 2.12 | 1.88 | 1.63 | 1.45 | 1.30 | 1.05 | 1.21 | 1.24 | 1.26 |
| Pittsburg, Fort Wayne and Chicago *b* | 1.41 | 1.26 | 1.10 | .98 | 1.01 | .88 | .76 | .92 | .74 | .75 |
| Chesapeake and Ohio | ..... | 1.50 | 1.48 | 1.20 | 1.10 | .98 | .86 | .869 | .891 | .793 |
| Maine Central | 4.36 | 4.06 | 3.72 | 3.34 | 3.33 | 3.32 | 2.87 | 2.74 | 2.74 | 2.75 |
| Mobile and Ohio | ..... | ..... | ..... | 2.85 | 2.63 | 2.29 | 2.48 | 2.20 | 2.06 | 2.15 |
| Average on railroads | 1.985 | 1.869 | 1.686 | 1.574 | 1.505 | 1.379 | 1.244 | 1.293 | 1.215 | 1.190 |
| New York State canals | .887 | .743 | .668 | .679 | .564 | .42 | .46 | .49 | .38 | *f*.42 |

| Railroads and canals. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* | *Cts.* |
| New York Central *a* | .91 | .83 | .68 | .76 | .78 | .77 | .76 | .76 | .74 | .70 |
| Pennsylvania *b* | .819 | .740 | .627 | .695 | .670 | .634 | .626 | .601 | .605 | .571 |
| New York, Lake Erie and Western *a* | .780 | .685 | .628 | .636 | .662 | .669 | .649 | .636 | .579 | .614 |
| Boston and Albany *a* | 1.19 | 1.09 | .94 | 1.10 | 1.10 | 1.08 | 1.02 | 1.14 | 1.16 | 1.09 |
| Philadelphia and Erie *b* | .62 | .58 | .50 | .52 | .54 | .52 | .52 | .47 | .48 | .45 |
| Lake Shore and Michigan Southern *b* | .728 | .652 | .553 | .639 | .670 | .636 | .664 | .626 | .628 | .599 |
| Michigan Central *b* | .83 | .65 | .56 | .686 | .694 | .694 | .726 | .695 | .722 | .664 |
| Chicago, Burlington and Quincy *b* | (*d*) | (*d*) | (*d*) | (*d*) | (*d*) | (*d*) | (*d*) | (*d*) | (*d*) | (*d*) |
| Chicago and Northwestern *c* | 1.42 | 1.31 | 1.19 | 1.19 | 1.10 | .99 | 1.01 | .98 | 1.02 | 1.02 |
| Chicago, Milwaukee and St. Paul *b* | 1.39 | 1.29 | 1.28 | 1.17 | 1.09 | 1.01 | 1.06 | .99 | 1.00 | 1.03 |
| St. Louis, Iron Mountain and Southern *b* | 1.56 | 1.47 | 1.41 | 1.30 | 1.26 | 1.22 | 1.12 | 1.11 | 1.10 | .97 |
| Chicago, Rock Island and Pacific *c* | 1.17 | 1.10 | 1.40 | 1.07 | 1.01 | .98 | .97 | 1.02 | 1.01 | 1.05 |
| Illinois Central *b* | 1.43 | 1.37 | 1.31 | 1.16 | 1.09 | .95 | 1.03 | .95 | .93 | .91 |
| Chicago and Alton *b* | 1.13 | 1.01 | 1.01 | .96 | .95 | .92 | .92 | .88 | .91 | .90 |
| Pittsburg, Fort Wayne and Chicago *b* | .79 | .67 | .58 | .69 | .71 | .66 | .69 | .69 | .70 | .67 |
| Chesapeake and Ohio | .723 | .672 | .548 | .541 | .536 | (*d*) | (*d*) | .54 | .525 | .518 |
| Maine Central | 2.42 | 2.39 | 2.46 | 2.17 | 2.33 | 2.10 | 2.03 | 2.03 | 1.77 | 1.66 |
| Mobile and Ohio | 2.28 | 1.97 | 1.70 | 1.51 | 1.32 | 1.01 | .96 | .91 | .87 | .84 |
| Average on railroads | 1.188 | 1.087 | 1.022 | .988 | .971 | .925 | .922 | .884 | .868 | .792 |

*a* Year ending September 30.
*b* Year ending December 31.
*c* Year ending May 31.
*d* No data.
*e* Year ending March 31.
*f* Tolls abolished after 1882.

**No. 221.—ANNUAL AVERAGE FREIGHT RATES PER BUSHEL OF WHEAT FOR TRANSPORTATION FROM CHICAGO TO NEW YORK FOR EACH YEAR FROM 1857 TO 1893, INCLUSIVE.**

[Prepared by Mr. J. C. Brown, statistician New York Produce Exchange.]

| Calendar year. | Average rates per bushel. | | | Calendar year. | Average rates per bushel. | | |
|---|---|---|---|---|---|---|---|
| | By lake and canal.[a] | By lake and rail. | By all rail. | | By lake and canal.[a] | By lake and rail. | By all rail. |
| | *Cents.* | *Cents.* | *Cents.* | | *Cents.* | *Cents.* | *Cents.* |
| 1857 | 25.29 | ..... | ..... | 1876 | 9.58 | 11.8 | 16.5 |
| 1858 | 16.28 | ..... | ..... | 1877 | 11.24 | 15.8 | 20.3 |
| 1859 | 17.59 | ..... | ..... | 1878 | 9.15 | 11.4 | 17.7 |
| 1860 | 24.83 | ..... | ..... | 1879 | 11.60 | 13.8 | 17.3 |
| 1861 | 26.55 | ..... | ..... | 1880 | 12.27 | 15.7 | 19.9 |
| 1862 | 26.33 | ..... | ..... | 1881 | 8.19 | 10.4 | 14.4 |
| 1863 | 22.91 | ..... | ..... | 1882 | 7.89 | 10.9 | 14.6 |
| 1864 | 28.36 | ..... | ..... | 1883 | 8.37 | 11.5 | 16.5 |
| 1865 | 26.62 | ..... | ..... | 1884 | 6.31 | 9.55 | 13.125 |
| 1866 | 29.61 | ..... | ..... | 1885 | 5.87 | 9.02 | 14.00 |
| 1867 | 22.36 | ..... | ..... | 1886 | 8.71 | 12.00 | 16.50 |
| 1868 | 22.79 | 29.0 | 42.6 | 1887 | 8.51 | 12.00 | [b] 15.74 |
| 1869 | 25.12 | 25.0 | 35.1 | 1888 | 5.93 | 11.00 | [b] 14.50 |
| 1870 | 17.10 | 22.0 | 33.3 | 1889 | 6.89 | [b] 8.70 | 15.00 |
| 1871 | 20.24 | 25.0 | 31.0 | 1890 | 5.85 | 8.50 | 14.31 |
| 1872 | 24.47 | 28.0 | 33.5 | 1891 | 5.96 | 8.53 | 15.00 |
| 1873 | 19.19 | 26.9 | 33.2 | 1892 | 5.61 | 7.55 | 14.23 |
| 1874 | 14.10 | 16.9 | 23.7 | 1893 | 6.33 | 8.44 | 14.70 |
| 1875 | 11.43 | 14.6 | 24.1 | | | | |

[a] Including canal tolls until 1882, but not Buffalo transfer charges.
[b] Averages of officially published tariffs.

**No. 222.—ANNUAL AVERAGE CANAL FREIGHT RATES ON WHEAT AND THE TOLLS ON WHEAT FROM BUFFALO TO NEW YORK, AND THE ELEVATING AND STORAGE RATES AT BUFFALO FOR EACH YEAR FROM 1870 TO 1893, INCLUSIVE.**

[Prepared by Mr. William Thurstone, secretary of the Buffalo Merchants' Exchange.]

| Year. | Average canal freight rates. | Tolls. | Elevating, including storage.[a] | Year. | Average canal freight rates. | Tolls. | Elevating, including storage.[a] |
|---|---|---|---|---|---|---|---|
| | *Cents.* | *Cents.* | *Cents.* | | *Cents.* | *Cents.* | *Cents.* |
| 1870 | 11.2 | 3.1 | 1.25 | 1882 | 5.4 | 1 | .875 |
| 1871 | 12.6 | 3.1 | 1.25 | 1883 | 4.9 | ..... | .875 |
| 1872 | 13 | 3.1 | 1.25 | 1884 | 4.2 | ..... | .875 |
| 1873 | 11.4 | 3.1 | 1.25 | 1885 | 3.8 | ..... | .875 |
| 1874 | 10 | 3.1 | 1.25 | 1886 | 5 | ..... | .875 |
| 1875 | 7.9 | 2 | 1 | 1887 | 4.5 | ..... | .875 |
| 1876 | 6.6 | 2 | 1 | 1888 | 3.4 | ..... | .875 |
| 1877 | 7.4 | 1 | 1 | 1889 | 4.8 | ..... | .875 |
| 1878 | 6 | 1 | 1 | 1890 | 3.8 | ..... | .875 |
| 1879 | 6.8 | 1 | 1 | 1891 | 3.5 | ..... | .875 |
| 1880 | 6.5 | 1 | 1 | 1892 | 3.5 | ..... | .875 |
| 1881 | 4.7 | 1 | 0.875 | 1893 | 4.6 | ..... | .875 |

[a] Storage varied; 5 to 10 days the limit.

**No. 223.—ANNUAL AVERAGE THROUGH FREIGHT RATES ON GRAIN, FLOUR AND PROVISIONS (PER 100 POUNDS), FROM CHICAGO TO EUROPEAN PORTS, BY ALL RAIL TO SEABOARD AND THENCE BY STEAMERS, FROM 1884 to 1893.**

[Prepared by Secretary of the Board of Trade, Chicago.]

| Shipped to— | Articles. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* | *Dolls.* |
| Liverpool | Grain | .4428 | .2943 | .3672 | .3487 | .3490 | .3958 | .3187 | .4075 | .3287 | .3410 |
| Do | Sacked flour | .2982 | .2887 | .3420 | .3491 | .3371 | .4162 | .3625 | .4187 | .3625 | .3513 |
| Do | Provisions | .4674 | .3508 | .4415 | .4073 | .3747 | .5746 | .5109 | .5531 | .4575 | .4547 |
| Glasgow | Grain | .2641 | .3228 | .3910 | .3705 | .3605 | .4075 | .3550 | .4425 | .3550 | .3585 |
| Do | Sacked flour | .2811 | .3443 | .3951 | .3968 | .3579 | .4425 | .4188 | .4469 | .3906 | .3625 |
| Do | Provisions | .4789 | .4086 | .5329 | .4855 | .4658 | .6142 | .5833 | .5953 | .4969 | .4828 |
| London | Grain | .2783 | .2921 | .4086 | .3945 | .3802 | ..... | .3550 | .4250 | .3462 | .3760 |
| Do | Sacked flour | .3825 | .3171 | .4021 | .3784 | .3776 | .4510 | .4047 | .4328 | .3681 | .3794 |
| Do | Provisions | .4891 | .4046 | .5471 | .4781 | .4570 | .6196 | .5813 | .5953 | .4688 | .4828 |
| Antwerp | ....do | .5373 | .4327 | .5219 | .4961 | .4472 | .6094 | .4688 | .5250 | .5025 | .4828 |
| Hamburg | ....do | .5434 | .3842 | .5154 | .5229 | .5426 | .6262 | .5250 | .5500 | .5000 | .5250 |
| Amsterdam | ....do | .5434 | .4383 | .5562 | .5525 | .5426 | .6500 | .5000 | .6000 | .5500 | .5000 |
| Rotterdam | ....do | .4354 | .4383 | .5562 | .5508 | .5426 | .6500 | .5000 | .6000 | .5500 | .5000 |
| Copenhagen | ....do | .5434 | .4951 | .5169 | .5508 | .5483 | .6492 | .5813 | .6375 | .6094 | .5531 |
| Stockholm | ....do | .5908 | .5468 | .5543 | .5865 | .6671 | .7500 | .6094 | .6938 | .7219 | .6656 |
| Stettin | ....do | .5422 | .5210 | .5833 | .5508 | .5463 | .6492 | .6813 | .6875 | .6094 | .5531 |
| Bordeaux | ....do | .5603 | .5066 | .5708 | .6021 | .5821 | .7491 | .6650 | .7500 | .6200 | .6000 |

**No. 224.—ANNUAL AVERAGE FREIGHT RATES ON GRAIN AND FLOUR FROM ST. LOUIS TO VARIOUS POINTS DURING EACH YEAR FROM 1876 TO 1893, INCLUSIVE.**

[Prepared by Mr. George H. Morgan, secretary Merchants' Exchange, St. Louis, Mo.]

| Calendar year. | To New Orleans by river. | | To New York by rail. | | To Liverpool. | |
|---|---|---|---|---|---|---|
| | On grain in sacks per 100 pounds. | On wheat in bulk by barges per bushel. | On wheat per 100 pounds. | On flour per barrel. | Via New Orleans on wheat per bushel. | Via New York on wheat per bushel. |
| | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* |
| 1876 | ..... | ..... | 39.5 | 79 | ..... | ..... |
| 1877 | 21 | 8.5 | 41 | 82 | ..... | ..... |
| 1878 | 17.5 | 7.25 | 38 | 76 | ..... | ..... |
| 1879 | 18 | 7.75 | 33.5 | 67 | ..... | ..... |
| 1880 | 19 | 8.25 | 42 | 84 | ..... | ..... |
| 1881 | 20 | 6 | 32 | 64 | ..... | ..... |
| 1882 | 20 | 6 4/11 | 29.5 | 59 | 22 1/2 | 23 1/2 |
| 1883 | 17.75 | 5.5 | 33 | 66 | 19 7/12 | 27 |
| 1884 | 14 | 6.625 | 26 | 52 | 14 7/12 | 21.25 |
| 1885 | 15 | 6.4 | 22 1/2 | 44 1/2 | 15 1/2 | 20.5 |
| 1886 | 16 | 6.5 | 29 | 58 | 16 1/2 | 24 |
| 1887 | 18 | 6.5 | 32.125 | 64.25 | 14.8 | 24.8 |
| 1888 | 15 | 6.5 | *a* 29 1/2 | 59 | 15 1/2 | 22.95 |
| 1889 | 17.93 | 5.95 | *b* 28 1/2 | 58 | 17 1/2 | 24.97 |
| 1890 | 15.66 | 6.58 | 27 1/2 | 52 1/2 | 14 1/2 | 21.48 |
| 1891 | 16.28 | 6.87 1/2 | 29 | 58 | 15 1/2 | 23.55 |
| 1892 | 16.87 | 6.50 | 26.62 | 58 | 14 | 21 |
| 1893 | 17.54 | 6.55 | 28.5 | 57 | 14.71 | 21.72 |

*a* The figures 29 1/2 represent published rates. At times during the year the rate was cut to 20 cents, making the average rate on that basis, St. Louis to Liverpool via New York, as low as 17 1/2 cts. per bushel.
*b* On all grain except corn, on which rate was 26 cents.

## No. 225.—RATES (PER 100 POUNDS) ON GRAIN AND FLOUR FOR THE YEAR 1893.

[Prepared by the Interstate Commerce Commission.]

| From— | To— | Date of changes in rates. | | | | |
|---|---|---|---|---|---|---|
| | | Jan. 1, 1893. | Dec. 7, 1893. | Dec. 18, 1893. | Dec. 22, 1893. | Jan. 1, 1894. |
| | | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* |
| Chicago, Ill | Boston, Mass | 27 | 22 | 19½ | 17 | 27 |
| Do | New York, N. Y | 25 | 20 | 17½ | 15 | 25 |
| Do | Philadelphia | 23 | 18 | 15½ | 13 | 23 |
| Do | Baltimore | 22 | 17 | 14½ | 12 | 22 |
| East St. Louis, Ill | Boston, Mass | 31 | 25 | 22½ | 19 | 31 |
| Do | New York, N. Y | 29 | 23 | 20½ | 17 | 29 |
| Do | Philadelphia | 27 | 21 | 18½ | 15 | 27 |
| Do | Baltimore | 26 | 20 | 17½ | 14 | 26 |

## No. 226.—QUANTITIES OF GRAIN, RECEIVED AT THE PORTS NAMED BELOW EACH YEAR FROM 1884 TO 1893, INCLUSIVE.

[From annual reports of New York Produce Exchange.]

| Ports. | 1884. | 1885. | 1886. | 1887. | 1888. |
|---|---|---|---|---|---|
| New York: | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| By canal, via river | 37,925,257 | 29,930,587 | 44,036,522 | 46,011,000 | 34,021,275 |
| Coastwise and river | 2,417,962 | 3,738,304 | 2,132,370 | 1,414,708 | 3,474,619 |
| By rail | 75,076,847 | 92,968,540 | 84,741,170 | 80,075,096 | 68,556,476 |
| Total New York | 115,420,066 | 126,637,431 | 130,910,062 | 127,500,804 | 106,052,370 |
| Portland, Me | 7,934,194 | 6,563,916 | 5,867,150 | 6,398,824 | 5,999,878 |
| Boston | 34,520,298 | 31,166,369 | 35,769,884 | 31,921,497 | 29,401,549 |
| Philadelphia | 20,339,131 | 23,189,449 | 21,314,992 | 25,038,809 | 17,158,523 |
| Baltimore | 33,119,610 | 34,299,861 | 38,772,444 | 39,252,205 | 30,275,840 |
| New Orleans | 12,981,300 | 11,305,012 | 12,790,283 | 16,853,936 | 12,030,865 |
| Total | 224,314,599 | 233,162,038 | 245,433,815 | 246,966,075 | 200,919,025 |
| Montreal, Canada | 17,554,523 | 15,814,616 | 21,098,527 | 19,891,891 | 14,018,520 |

| Ports. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|
| New York: | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| By canal, via river | 33,995,895 | 30,185,400 | 31,710,941 | 26,882,087 | 43,835,800 |
| Coastwise and river | 2,436,407 | 1,609,551 | 1,322,767 | 2,194,124 | 2,363,581 |
| By rail | 76,118,054 | 90,218,719 | 124,844,643 | 140,750,340 | 99,443,292 |
| Total New York | 112,550,356 | 122,013,670 | 157,878,351 | 169,826,551 | 145,642,673 |
| Portland, Me | 8,069,901 | 6,649,636 | 7,425,391 | 9,256,585 | 9,716,253 |
| Boston | 30,189,053 | 30,815,742 | 32,943,222 | 38,570,290 | 39,267,109 |
| Philadelphia | 18,460,942 | 35,214,826 | 30,101,650 | 57,004,548 | 33,761,259 |
| Baltimore | 42,349,047 | 46,435,135 | 42,811,978 | 57,686,497 | 46,428,878 |
| New Orleans | 20,812,159 | 21,575,442 | 20,708,814 | 30,634,317 | 27,737,315 |
| Total | 232,431,458 | 262,704,451 | 291,869,406 | 362,978,788 | 302,553,487 |
| Montreal, Canada | 17,659,337 | 17,444,966 | 23,244,958 | 27,436,533 | 27,713,947 |

NOTE.—Receipts at New York, Portland, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Portland via Montreal are duplications of receipts reported at Montreal. Receipts at Baltimore include flour ground by city millers (480,360 barrels in 1893), and therefore duplicate an equivalent quantity of wheat received in grain. Receipts at New Orleans do not include shipments of oats and corn through that port to foreign countries on through bills of lading.

Grain embraces flour as wheat, wheat, corn, rye, oats, barley malt, and peas.

No. 227.—MILEAGE OF LINES AND WIRES, NUMBER OF OFFICES, AND TRAFFIC OF THE WESTERN UNION TELEGRAPH COMPANY FOR EACH YEAR ENDING JUNE 30, FROM 1866 TO 1893, INCLUSIVE.

| Year. | Miles of line. | Miles of wire. | Number of offices. | Number of messages sent. | Receipts. | Expenses. | Profits. | Average tolls per message. | Average cost per message. | Average profit per message. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | *Dollars.* | *Dollars.* | *Dollars.* | *Cents.* | *Cents.* | *Cents.* |
| 1866.... | 37,380 | 75,686 | 2,250 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1867.... | 46,270 | 85,291 | 2,565 | 5,879,282 | 6,568,925 | 3,944,006 | 2,624,920 | ..... | ..... | ..... |
| 1868.... | 50,183 | 97,594 | 3,219 | 6,404,595 | 7,004,560 | 4,362,849 | 2,641,711 | 104.7 | 63.4 | 41.3 |
| 1869.... | 52,099 | 104,584 | 3,607 | 7,934,933 | 7,316,918 | 4,568,117 | 2,748,801 | 89.3 | 54.7 | 34.6 |
| 1870.... | 54,109 | 112,191 | 3,972 | 9,157,646 | 7,138,738 | 4,910,772 | 2,227,966 | 75.5 | 51.2 | 24.3 |
| 1871.... | 56,032 | 121,151 | 4,606 | 10,646,077 | 7,637,449 | 5,104,787 | 2,532,662 | 69.5 | 45.7 | 23.8 |
| 1872.... | 62,033 | 137,190 | 5,237 | 12,444,499 | 8,457,096 | 5,666,863 | 2,790,233 | 66.2 | 43.8 | 22.4 |
| 1873.... | 65,757 | 154,472 | 5,740 | 14,456,832 | 9,333,019 | 6,575,056 | 2,757,963 | 62.5 | 43.4 | 19.1 |
| 1874.... | 71,585 | 175,735 | 6,188 | 16,329,256 | 9,262,654 | 6,755,734 | 2,506,920 | 54.9 | 39.5 | 15.4 |
| 1875.... | 72,833 | 179,496 | 6,565 | 17,153,710 | 9,564,575 | 6,335,415 | 3,229,158 | 54.0 | 35.2 | 18.8 |
| 1876.... | 73,532 | 183,832 | 7,072 | 18,729,567 | 10,034,984 | 6,635,474 | 3,399,510 | 50.9 | 33.5 | 18.2 |
| 1877.... | 76,955 | 194,323 | 7,500 | 21,158,941 | 9,812,353 | 6,672,225 | 3,140,128 | 43.6 | 29.8 | 14.8 |
| 1878.... | 81,002 | 206,202 | 8,014 | 23,918,894 | 9,861,355 | 6,309,813 | 3,551,543 | 38.9 | 25.0 | 14.8 |
| 1879.... | 82,987 | 211,566 | 8,534 | 25,070,106 | 10,960,640 | 6,160,200 | 4,800,440 | 38.6 | 25.2 | 19.1 |
| 1880.... | 85,645 | 233,534 | 9,077 | 29,215,509 | 12,782,895 | 6,948,957 | 5,833,938 | 38.5 | 25.4 | 20.0 |
| 1881.... | 110,340 | 327,171 | 10,737 | 32,500,000 | 14,393,544 | 8,485,264 | 5,908,280 | 38.4 | 25.6 | 18.2 |
| 1882.... | 131,060 | 374,368 | 12,068 | 38,842,247 | 17,114,166 | 9,996,096 | 7,118,070 | 38.2 | 25.8 | 18.3 |
| 1883.... | 144,294 | 432,726 | 12,917 | 41,181,177 | 19,454,908 | 11,794,553 | 7,660,350 | 38.0 | 26.0 | 18.6 |
| 1884.... | 145,037 | 450,571 | 13,761 | 42,076,226 | 19,632,940 | 13,022,504 | 6,610,436 | 36.5 | 25.2 | 15.7 |
| 1885.... | 147,500 | 462,283 | 14,184 | 42,096,583 | 17,706,834 | 12,005,910 | 5,700,924 | 32.1 | 24.9 | 13.5 |
| 1886.... | 151,832 | 489,607 | 15,142 | 43,289,807 | 16,298,639 | 12,378,783 | 3,919,855 | 31.3 | 23.4 | 9.1 |
| 1887.... | 156,814 | 524,641 | 15,658 | 47,394,530 | 17,191,910 | 13,154,629 | 4,037,281 | 30.4 | 23.0 | 8.5 |
| 1888.... | 171,375 | 616,248 | 17,241 | 51,463,955 | 19,711,164 | 14,640,592 | 5,070,572 | 31.2 | 23.2 | 9.9 |
| 1889.... | 178,754 | 647,697 | 18,470 | 54,108,326 | 20,783,194 | 14,565,153 | 6,218,041 | 31.2 | 22.4 | 11.5 |
| 1890.... | 183,917 | 678,997 | 19,382 | 55,878,762 | 22,387,029 | 15,074,304 | 7,312,725 | 32.4 | 22.7 | 13.1 |
| 1891.... | 187,981 | 715,591 | 20,098 | 59,148,343 | 23,034,327 | 16,428,742 | 6,605,585 | 32.5 | 23.2 | 11.2 |
| 1892.... | 189,576 | 739,105 | 20,700 | 62,387,298 | 23,706,405 | 16,307,857 | 7,398,548 | 31.6 | 22.3 | 11.9 |
| 1893.... | 189,936 | 769,201 | 21,078 | 66,591,858 | 24,978,442 | 17,482,405 | 7,496,037 | 31.2 | 22.7 | 11.3 |

The greatly increased mileage since 1880 is principally due to the fact that in 1881 the Western Union Telegraph Company absorbed by purchase all the lines of the American Union and the Atlantic and Pacific Telegraph Companies, the former having previously in operation over 12,000 miles of line and the latter 8,706 miles. Capital stock of the Western Union, $100,000,000.

The Western Union has exclusive contracts with several international cable companies, operating eight Atlantic cables, and guarantees 5 per cent annual dividends on the stock of the American Telegraph and Cable Company; amount, $14,000,000.

Besides the above, there are new lines of telegraph which have complied with the United States telegraph act of 1866, and are operating wires with or without connection with railway companies.

The New York Mutual Telegraph Company, established in 1881, has about 8,000 miles of line, 60,000 miles of wire, 1,200 offices, and has extended its lines north and south, operating from Boston to Chicago, St. Louis, Washington, etc. Capital stock, $2,500,000. This line is now leased and operated by the Western Union Telegraph Company, at a rental of 6 per cent per annum on the stock.

The Baltimore and Ohio Railroad Telegraph, having lines coextensive with its railway system and branches, besides many newly extended wires south and west,

constituting 6,711 miles of line and 54,087 miles of wire, was purchased in 1887 for $5,000,000 by the Western Union Company, which now owns and operates it.

The American Rapid Telegraph Company, New York to Boston, Philadelphia, Baltimore, Washington, Buffalo, etc., with capital stock of $4,000,000, has been leased by the Western Union Company.

The Northwestern Telegraph Company owns 8,000 miles of wire. It is leased to the Western Union for ninety-nine years, which guarantees dividends (6 per cent after 1896) and interest on bonds.

The aggregate mileage of telegraph lines in the United States open for public business exceeds 210,000 miles, besides railways, Government, private, and telephonic lines; length not ascertainable.

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**No. 228.—Telephone Statistics of the American Bell Telephone Company from 1889 to 1893, inclusive.**

| | January 1— | | | | |
|---|---|---|---|---|---|
| | 1889. | 1890. | 1891. | 1892. | 1893. |
| Exchanges | 742 | 757 | 774 | 788 | 812 |
| Branch offices | 452 | 471 | 487 | 509 | 539 |
| Miles of wire on poles | 142,631 | 154,009 | 171,498 | 180,139 | 201,218 |
| Miles of wire on buildings | 10,266 | 11,484 | 13,445 | 14,954 | 14,978 |
| Miles of wire underground | 17,038 | 27,117 | 54,990 | 70,334 | 90,216 |
| Miles of wire submarine | 536 | 603 | 779 | 1,029 | 1,336 |
| Total miles of wire | 170,471 | 193,213 | 240,412 | 266,456 | 307,748 |
| Total circuits | 143,687 | 156,780 | 173,665 | 186,462 | 201,357 |
| Total employés | 6,310 | 6,758 | 7,845 | 8,376 | 9,969 |
| Total subscribers | 171,454 | 185,003 | 202,981 | 216,017 | 232,150 |

This company practically conducts the telephone business of the United States.

The number of instruments in the hands of licensees under rental at the beginning of 1893 was 552,720. The number of exchange connections daily in the United States was 1,868,189, or a total per year of about 600,000,000. The average number of daily calls per subscriber is 8·05. The company received in rental of telephones in 1892, $3,303,753. It paid its stockholders in dividends in 1892, $2,919,090. The capital of the company was $17,500,000. The gross earnings for 1892 were $5,100,887; net earnings, $3,411,675.

The Bell Telephone and its subsidiary companies represent about $87,000,000 of capital; the Long Distance Telephone Company about $5,000,000. The aggregate length of wire operated by the telephone companies was 440,750 miles.

## No. 229.—Estimated Annual Acreage, Product, and Value of the Corn Crop in the Principal and all other States and Territories, from 1868 to 1893, inclusive.

[From the Annual Reports of the Department of Agriculture.]

| Year. | Alabama. | | | Arkansas. | | | California. | | | Connecticut. | | | Dakota. b | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres* | *Bushels.* | *Dollars.* |
| 1868.. | 2,892,592 | 31,240,000 | 26,866,400 | 1,063,901 | 32,449,000 | 20,442,870 | 27,111 | 1,220,000 | 1,220,000 | 63,294 | 2,152,000 | 2,905,200 | (a)..... | (a)..... | (a)..... |
| 1869.. | 2,013,333 | 30,200,000 | 34,428,000 | 919,642 | 25,750,000 | 23,690,000 | 31,521 | 1,305,000 | 1,174,500 | 62,500 | 1,950,000 | 2,535,000 | (a)..... | (a)..... | (a)..... |
| 1870.. | 2,019,085 | 35,334,000 | 32,860,620 | 786,163 | 25,000,000 | 20,000,000 | 30,870 | 1,090,000 | 1,318,800 | 53,522 | 1,413,000 | 1,610,820 | (a)..... | (a)..... | (a)..... |
| 1871.. | 1,315,862 | 19,080,000 | 17,553,600 | 608,614 | 16,250,000 | 10,725,000 | 24,578 | 934,000 | 1,083,440 | 51,719 | 1,624,000 | 1,737,680 | (a)..... | (a)..... | (a)..... |
| 1872.. | 1,300,909 | 22,896,000 | 17,858,880 | 726,042 | 17,062,000 | 12,455,260 | 40,000 | 1,400,000 | 1,400,000 | 54,647 | 1,705,000 | 1,568,600 | (a)..... | (a)..... | (a)..... |
| 1873.. | 1,500,069 | 21,751,000 | 18,270,840 | 689,702 | 16,208,000 | 12,966,400 | 37,561 | 1,540,000 | 1,124,200 | 51,133 | 1,534,000 | 1,441,960 | (a)..... | (a)..... | (a)..... |
| 1874.. | 1,644,553 | 20,228,000 | 18,812,040 | 771,746 | 9,724,000 | 9,237,800 | 44,668 | 1,617,000 | 1,584,660 | 56,233 | 1,687,000 | 1,973,790 | (a)..... | (a)..... | (a)..... |
| 1875.. | 1,944,444 | 24,500,000 | 18,375,000 | 648,266 | 19,448,000 | 10,112,960 | 41,322 | 1,500,000 | 1,605,000 | 61,206 | 1,775,000 | 1,775,000 | (a)..... | (a)..... | (a)..... |
| 1876.. | 2,016,538 | 26,215,000 | 12,583,200 | 895,833 | 21,500,000 | 8,385,000 | 48,484 | 1,600,000 | 1,712,000 | 56,923 | 1,850,000 | 1,369,000 | (a)..... | (a)..... | (a)..... |
| 1877.. | 1,916,667 | 23,000,000 | 15,640,000 | 920,833 | 22,100,000 | 9,724,000 | 51,667 | 1,550,000 | 1,472,500 | 67,241 | 1,950,000 | 1,560,000 | (a)..... | (a)..... | (a)..... |
| 1878.. | 1,994,000 | 23,928,000 | 14,117,520 | 958,000 | 22,992,000 | 11,036,160 | 100,500 | 3,467,250 | 2,080,350 | 75,000 | 2,220,000 | 1,376,400 | (a)..... | (a)..... | (a)..... |
| 1879.. | 1,954,100 | 25,403,300 | 16,766,178 | 934,700 | 22,432,800 | 13,011,024 | 100,500 | 2,814,000 | 2,223,060 | 76,500 | 2,218,500 | 1,641,690 | (a)..... | (a)..... | (a)..... |
| 1880.. | 1,828,980 | 22,679,352 | 15,195,166 | 1,294,010 | 32,350,250 | 15,851,622 | 80,650 | 2,580,800 | 1,961,408 | 55,900 | 1,621,100 | 1,215,825 | (a)..... | (a)..... | (a)..... |
| 1881.. | 2,035,700 | 20,250,000 | 19,642,500 | 1,425,600 | 21,028,000 | 19,766,320 | 96,700 | 2,633,000 | 2,053,740 | 55,900 | 1,427,000 | 1,141,600 | (a)..... | (a)..... | (a)..... |
| 1882.. | 2,300,341 | 31,982,500 | 19,189,500 | 1,596,672 | 34,485,900 | 15,863,514 | 98,634 | 2,790,900 | 2,372,265 | 57,577 | 1,155,800 | 1,109,568 | 186,247 | 4,050,000 | 2,371,500 |
| 1883.. | 2,277,338 | 26,189,300 | 16,761,152 | 1,740,372 | 30,456,500 | 16,141,945 | 100,607 | 2,464,800 | 2,095,080 | 57,001 | 1,710,000 | 1,385,100 | 270,058 | 4,915,055 | 2,211,775 |
| 1884.. | 2,322,885 | 30,197,000 | 18,420,170 | 1,757,710 | 32,465,000 | 17,531,100 | 160,000 | 4,800,000 | 2,880,000 | 57,000 | 1,768,000 | 1,149,200 | 485,000 | 13,950,000 | 4,185,000 |
| 1885.. | 2,346,114 | 31,405,000 | 17,272,750 | 1,898,327 | 38,309,000 | 17,622,140 | 155,200 | 3,840,000 | 2,611,200 | 58,140 | 2,033,000 | 1,280,790 | 530,100 | 15,345,000 | 4,296,600 |
| 1886.. | 2,393,036 | 28,893,000 | 17,335,800 | 2,069,176 | 42,140,000 | 20,648,600 | 156,752 | 4,262,000 | 2,642,440 | 58,140 | 1,992,000 | 1,254,960 | 662,625 | 15,805,000 | 5,847,850 |
| 1887.. | 2,464,827 | 33,522,000 | 18,101,880 | 2,068,349 | 41,367,000 | 20,683,500 | 156,752 | 4,703,000 | 2,868,830 | 58,140 | 1,977,000 | 1,324,590 | 636,120 | 20,992,000 | 7,347,200 |
| 1888.. | 2,489,475 | 31,616,000 | 17,388,800 | 2,130,399 | 41,543,000 | 19,940,640 | 155,184 | 4,314,000 | 3,019,800 | 56,977 | 1,778,000 | 1,155,700 | 737,899 | 18,816,000 | 6,209,280 |
| 1889.. | 2,514,370 | 33,944,000 | 17,311,437 | 2,130,399 | 42,608,000 | 18,321,431 | 158,288 | 4,464,000 | 2,544,322 | 56,977 | 1,766,000 | 953,795 | 819,008 | 14,743,000 | 4,865,264 |
| 1890.. | 2,489,226 | 25,390,000 | 17,265,271 | 2,002,575 | 33,443,000 | 21,737,952 | 159,871 | 4,396,000 | 2,857,694 | 56,407 | 2,014,000 | 1,409,611 | 884,593 | 12,030,000 | 6,015,233 |
| 1891.. | 2,539,011 | 32,245,000 | 20,314,627 | 2,002,575 | 42,455,000 | 19,529,111 | 161,470 | 5,571,000 | 3,955,208 | 58,663 | 2,112,000 | 1,605,020 | 973,052 | 21,719,000 | 7,636,512 |
| 1892.. | 2,513,621 | 30,666,000 | 15,946,412 | 1,962,524 | 34,344,000 | 16,141,760 | 72,500 | 2,197,000 | 1,208,213 | 43,997 | 1,518,000 | 941,096 | 811,526 | 18,081,000 | 5,993,055 |
| 1893.. | 2,463,349 | 28,328,514 | 16,713,823 | 1,962,149 | 32,110,814 | 14,449,866 | 71,775 | 2,275,268 | 1,137,634 | 43,557 | 1,228,307 | 786,116 | 885,614 | 20,928,625 | 5,286,359 |

a Included in "All other States and Territories."

b On November 2, 1889, admitted as two States.

**No. 229.—Estimated Annual Acreage, Product, and Value of the Corn Crop in the Principal and all other States and Territories, from 1868 to 1893, inclusive—Continued.**

| Year. | Delaware. | | | Florida. | | | Georgia. | | | Illinois. | | | Indiana. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | 131,000 | 3,275,000 | 2,783,750 | 280,952 | 2,950,000 | 4,159,500 | 2,149,133 | 27,294,000 | 24,837,540 | 3,928,742 | 134,363,000 | 57,776,090 | 2,671,529 | 90,832,000 | 47,232,640 |
| 1869.... | 177,777 | 3,200,000 | 2,240,000 | 276,785 | 3,100,000 | 4,495,000 | 2,500,000 | 27,500,000 | 33,275,000 | 5,237,068 | 121,500,000 | 69,255,000 | 3,146,551 | 73,000,000 | 51,100,000 |
| 1870.... | 132,440 | 3,811,000 | 2,152,150 | 208,055 | 2,247,000 | 3,033,450 | 2,296,296 | 31,000,000 | 27,900,000 | 5,720,965 | 201,378,000 | 70,482,300 | 2,864,556 | 113,150,000 | 42,997,000 |
| 1871.... | 162,500 | 3,575,000 | 2,145,000 | 188,971 | 2,022,000 | 2,203,980 | 1,956,310 | 20,150,000 | 18,739,500 | 5,310,469 | 203,391,000 | 65,085,120 | 2,218,627 | 79,205,000 | 29,305,850 |
| 1872.... | 164,450 | 3,289,000 | 1,808,950 | 200,000 | 1,920,000 | 2,304,000 | 1,902,160 | 23,777,000 | 20,448,220 | 5,468,040 | 217,628,000 | 52,230,720 | 2,210,361 | 85,541,000 | 24,806,890 |
| 1873.... | 155,789 | 2,960,000 | 1,568,800 | 203,077 | 2,112,000 | 2,344,320 | 1,952,358 | 24,014,000 | 19,691,480 | 6,839,714 | 143,634,000 | 45,962,880 | 2,650,000 | 67,840,000 | 27,136,000 |
| 1874.... | 157,833 | 2,841,000 | 1,988,700 | 199,245 | 2,112,000 | 2,090,880 | 2,206,667 | 24,494,000 | 22,534,480 | 7,421,055 | 133,579,000 | 74,804,240 | 2,763,852 | 74,624,000 | 38,058,240 |
| 1875.... | 125,653 | 3,267,000 | 1,862,190 | 215,000 | 2,150,000 | 2,322,000 | 2,010,000 | 20,100,000 | 17,286,000 | 8,163,265 | 280,000,000 | 95,200,000 | 2,794,117 | 95,000,000 | 37,050,000 |
| 1876.... | 128,333 | 3,850,000 | 1,925,000 | 250,000 | 2,500,000 | 2,150,000 | 2,147,272 | 23,620,000 | 14,172,000 | 8,920,000 | 223,000,000 | 69,130,000 | 3,300,000 | 99,000,000 | 33,660,000 |
| 1877.... | 179,545 | 3,950,000 | 1,975,000 | 236,434 | 3,050,000 | 2,165,500 | 2,133,333 | 22,400,000 | 15,232,000 | 8,965,517 | 260,000,000 | 75,400,000 | 3,200,000 | 96,000,000 | 32,640,000 |
| 1878.... | 180,000 | 4,500,000 | 1,755,000 | 236,000 | 2,124,000 | 1,550,520 | 2,218,000 | 24,398,000 | 14,882,780 | 8,337,000 | 225,932,700 | 56,483,175 | 4,215,000 | 138,252,000 | 37,328,040 |
| 1879.... | 180,000 | 4,860,000 | 2,673,000 | 228,900 | 1,945,650 | 1,575,976 | 2,218,000 | 20,627,400 | 14,439,180 | 8,920,600 | 312,221,000 | 96,788,510 | 4,088,500 | 134,920,500 | 45,872,970 |
| 1880.... | 202,120 | 6,467,840 | 3,233,920 | 374,700 | 3,522,180 | 2,993,853 | 2,384,700 | 21,939,240 | 15,138,076 | 8,840,180 | 240,452,896 | 86,563,043 | 3,421,700 | 90,229,300 | 39,691,720 |
| 1881.... | 204,100 | 2,940,000 | 1,764,000 | 359,700 | 3,170,000 | 3,170,000 | 2,388,700 | 19,745,000 | 19,152,650 | 9,096,600 | 176,733,000 | 102,505,140 | 3,627,800 | 79,618,000 | 47,770,800 |
| 1882.... | 208,182 | 3,936,600 | 2,322,594 | 392,073 | 3,708,900 | 2,967,120 | 2,747,005 | 26,617,500 | 23,801,375 | 7,914,042 | 182,336,900 | 85,698,343 | 3,438,332 | 107,484,300 | 51,592,464 |
| 1883.... | 212,346 | 3,822,200 | 1,911,100 | 399,914 | 3,399,200 | 2,787,344 | 2,829,415 | 24,615,900 | 16,492,653 | 8,151,463 | 203,786,500 | 81,514,600 | 3,541,482 | 95,620,000 | 39,204,200 |
| 1884.... | 214,450 | 3,975,000 | 1,709,250 | 403,913 | 3,837,000 | 3,069,600 | 2,857,700 | 30,025,000 | 21,647,500 | 8,151,463 | 244,544,000 | 75,808,640 | 3,612,312 | 104,757,000 | 35,617,380 |
| 1885.... | 216,595 | 4,174,000 | 1,669,600 | 420,070 | 3,399,000 | 2,059,300 | 2,857,700 | 32,162,000 | 18,653,960 | 8,559,036 | 268,998,000 | 75,319,440 | 3,720,681 | 131,994,000 | 38,278,260 |
| 1886.... | 216,595 | 3,590,000 | 1,507,800 | 441,074 | 4,597,000 | 3,263,870 | 2,880,277 | 31,197,000 | 18,718,200 | 8,559,036 | 209,818,000 | 65,043,580 | 3,720,681 | 118,795,000 | 38,014,400 |
| 1887.... | 216,595 | 4,332,000 | 1,862,760 | 454,306 | 4,816,000 | 3,419,360 | 2,915,140 | 32,067,000 | 20,202,210 | 7,347,915 | 141,080,000 | 57,842,800 | 3,569,994 | 71,400,000 | 32,130,000 |
| 1888.... | 220,927 | 3,844,000 | 1,691,360 | 463,392 | 4,541,000 | 2,951,650 | 2,923,885 | 28,069,000 | 16,841,400 | 7,788,790 | 278,060,000 | 80,637,400 | 3,605,694 | 125,478,000 | 38,898,180 |
| 1889.... | 223,136 | 3,905,000 | 1,640,050 | 486,562 | 5,206,000 | 3,919,604 | 3,011,602 | 33,730,000 | 18,551,468 | 8,022,454 | 259,125,000 | 62,190,063 | 3,677,808 | 106,656,000 | 28,797,237 |
| 1890.... | 233,136 | 4,128,000 | 2,064,008 | 491,428 | 4,570,000 | 3,427,710 | 2,981,486 | 31,306,000 | 21,600,866 | 7,154,424 | 187,446,000 | 80,601,741 | 3,604,252 | 89,025,000 | 41,841,761 |
| 1891.... | 232,061 | 5,105,000 | 2,807,938 | 496,342 | 5,460,000 | 4,367,810 | 3,100,745 | 37,829,000 | 26,102,071 | 7,011,336 | 234,880,000 | 86,905,510 | 3,712,380 | 123,622,000 | 46,976,457 |
| 1892.... | 201,893 | 3,775,000 | 1,661,176 | 491,379 | 4,422,000 | 2,653,447 | 2,945,708 | 32,992,000 | 18,475,481 | 6,310,202 | 165,327,000 | 61,171,098 | 3,526,761 | 103,334,000 | 41,333,639 |
| 1893.... | 199,874 | 4,916,900 | 1,966,760 | 506,120 | 4,909,364 | 3,338,368 | 3,034,079 | 33,678,277 | 18,859,835 | 6,247,100 | 160,550,470 | 49,770,646 | 3,456,226 | 85,368,782 | 30,732,762 |

**No. 229.—Estimated Annual Acreage, Product, and Value of the Corn Crop in the Principal and all other States and Territories, from 1868 to 1893, inclusive—Continued.**

| Year. | Iowa. | | | Kansas. | | | Kentucky. | | | Louisiana. | | | Maine. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | 1,765,729 | 65,332,000 | 24,172,840 | 360,388 | 6,487,000 | 6,422,130 | 1,779,418 | 58,187,000 | 27,347,890 | 790,772 | 17,397,000 | 13,047,750 | 53,355 | 1,590,000 | 2,194,200 |
| 1869.... | 2,364,457 | 78,500,000 | 39,250,000 | 506,198 | 24,500,000 | 10,780,000 | 2,060,000 | 51,500,000 | 33,990,000 | 674,000 | 16,850,000 | 18,366,500 | 59,670 | 1,450,000 | 1,841,500 |
| 1870.... | 2,919,218 | 92,415,000 | 31,761,100 | 595,892 | 16,685,000 | 9,677,300 | 1,973,364 | 63,345,000 | 30,405,600 | 800,000 | 18,000,000 | 19,800,000 | 36,303 | 1,198,000 | 1,365,720 |
| 1871.... | 2,329,858 | 99,019,000 | 23,774,370 | 617,325 | 24,693,000 | 7,160,970 | 1,972,271 | 53,843,000 | 25,306,210 | 562,500 | 8,100,000 | 9,072,000 | 39,632 | 1,078,000 | 1,056,440 |
| 1872.... | 2,562,537 | 101,989,000 | 18,358,020 | 769,636 | 29,631,000 | 6,518,820 | 2,036,346 | 63,534,000 | 23,507,580 | 547,297 | 10,125,000 | 8,910,000 | 36,358 | 1,218,000 | 1,144,920 |
| 1873.... | 3,627,586 | 105,200,000 | 32,612,000 | 1,202,046 | 47,000,000 | 14,570,000 | 1,981,390 | 58,451,000 | 25,718,440 | 552,242 | 9,112,000 | 8,200,800 | 35,500 | 852,000 | 775,320 |
| 1874.... | 3,963,014 | 115,720,000 | 49,759,600 | 1,530,000 | 16,065,000 | 14,619,150 | 1,940,560 | 48,514,000 | 26,682,700 | 505,548 | 7,836,000 | 7,836,000 | 32,886 | 809,000 | 914,170 |
| 1875.... | 4,571,428 | 160,000,000 | 43,200,000 | 1,917,500 | 76,700,000 | 17,641,000 | 1,807,807 | 60,200,000 | 24,682,000 | 510,967 | 7,920,000 | 7,048,800 | 42,622 | 1,300,000 | 1,248,000 |
| 1876.... | 4,750,000 | 142,500,000 | 35,625,000 | 1,904,275 | 82,836,000 | 19,880,640 | 1,889,552 | 63,300,000 | 18,990,000 | 697,674 | 12,000,000 | 8,400,000 | 45,161 | 1,400,000 | 1,106,000 |
| 1877.... | 4,800,000 | 156,000,000 | 39,000,000 | 2,709,589 | 98,900,000 | 20,769,000 | 1,963,696 | 59,500,000 | 19,040,000 | 750,000 | 12,750,000 | 7,395,000 | 46,667 | 1,680,000 | 1,310,400 |
| 1878.... | 4,666,000 | 175,256,400 | 28,041,024 | 2,406,000 | 81,563,400 | 15,497,046 | 2,023,000 | 45,922,100 | 18,368,840 | 848,000 | 16,875,200 | 10,125,120 | 54,500 | 2,180,000 | 1,417,000 |
| 1879.... | 4,873,400 | 185,189,200 | 44,445,408 | 2,718,800 | 89,720,400 | 24,224,508 | 2,023,000 | 64,736,000 | 23,952,320 | 839,500 | 12,592,500 | 9,570,300 | 52,900 | 1,587,000 | 1,206,120 |
| 1880.... | 6,847,180 | 260,192,840 | 67,650,138 | 3,625,200 | 106,218,360 | 30,803,324 | 2,956,700 | 86,039,970 | 32,695,189 | 784,880 | 14,912,720 | 9,096,759 | 31,300 | 1,108,020 | 853,175 |
| 1881.... | 6,710,200 | 173,289,000 | 76,247,160 | 4,196,500 | 76,377,000 | 44,298,660 | 3,042,400 | 51,624,000 | 36,136,800 | 745,600 | 9,693,000 | 9,499,140 | 31,300 | 1,064,000 | 968,240 |
| 1882.... | 6,777,302 | 175,487,600 | 66,685,288 | 4,280,430 | 144,452,600 | 53,447,462 | 3,103,248 | 75,500,900 | 39,260,468 | 790,336 | 14,636,400 | 8,781,840 | 30,987 | 904,400 | 832,048 |
| 1883.... | 6,980,621 | 169,629,000 | 54,281,280 | 4,708,473 | 172,800,900 | 44,928,234 | 3,258,410 | 78,201,800 | 32,844,756 | 924,693 | 13,130,600 | 8,666,196 | 30,367 | 1,062,800 | 871,496 |
| 1884.... | 7,329,652 | 252,600,000 | 58,098,000 | 4,565,000 | 168,500,000 | 37,070,000 | 3,258,410 | 71,680,000 | 30,908,400 | 865,450 | 11,007,000 | 7,374,690 | 30,610 | 1,062,000 | 796,500 |
| 1885.... | 7,549,542 | 242,496,000 | 58,199,040 | 4,884,550 | 158,390,000 | 38,013,600 | 3,551,667 | 90,569,000 | 31,699,150 | 917,377 | 15,410,000 | 8,167,300 | 31,222 | 1,009,000 | 706,300 |
| 1886.... | 7,927,019 | 198,847,000 | 59,654,100 | 5,812,615 | 126,712,000 | 34,212,240 | 3,516,150 | 88,758,000 | 30,177,720 | 935,725 | 14,640,000 | 8,052,000 | 31,534 | 989,000 | 662,630 |
| 1887.... | 7,196,148 | 183,502,000 | 64,225,700 | 5,242,979 | 76,547,000 | 28,322,390 | 3,160,668 | 57,840,000 | 30,655,200 | 1,001,226 | 18,022,000 | 9,191,220 | 32,165 | 1,132,000 | 769,760 |
| 1888.... | 7,771,840 | 278,232,000 | 66,775,680 | 5,924,566 | 158,186,000 | 41,128,360 | 3,160,668 | 81,545,000 | 27,725,300 | 1,031,263 | 15,263,000 | 8,089,390 | 30,878 | 596,000 | 447,000 |
| 1889.... | 8,359,666 | 349,966,000 | 66,493,534 | 6,813,251 | 240,508,000 | 43,291,397 | 2,844,601 | 75,382,000 | 25,629,855 | 1,062,826 | 18,949,000 | 9,664,222 | 28,717 | 1,034,000 | 589,273 |
| 1890.... | 8,771,299 | 232,439,000 | 95,300,164 | 8,542,891 | 55,269,000 | 28,187,241 | 2,816,155 | 63,645,000 | 31,186,100 | 1,061,169 | 16,979,000 | 11,885,093 | 27,855 | 1,008,000 | 746,180 |
| 1891.... | 9,560,716 | 350,678,000 | 105,203,483 | 5,314,337 | 141,893,000 | 48,243,551 | 2,759,832 | 82,795,000 | 33,117,984 | 1,082,392 | 18,725,000 | 11,235,229 | 29,526 | 1,107,000 | 885,780 |
| 1892.... | 7,074,930 | 200,221,000 | 64,070,566 | 5,952,057 | 145,825,000 | 45,205,873 | 2,953,020 | 68,905,000 | 27,522,146 | 1,071,568 | 15,859,000 | 7,929,603 | 13,287 | 472,000 | 316,032 |
| 1893.... | 7,426,677 | 251,832,150 | 67,994,681 | 6,547,263 | 139,456,702 | 43,231,578 | 2,898,960 | 68,096,060 | 29,243,466 | 1,071,568 | 15,216,266 | 8,673,272 | 13,553 | 410,656 | 254,607 |

No. 229.—Estimated Annual Acreage, Product, and Value of the CORN CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.

| Year. | Maryland. | | | Massachusetts. | | | Michigan. | | | Minnesota. | | | Missouri. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.. | 445,812 | 12,349,000 | 10,743,630 | 61,945 | 2,292,000 | 3,025,440 | 570,151 | 18,815,000 | 14,299,400 | 246,417 | 8,255,000 | 5,283,200 | 2,012,112 | 60,967,000 | 34,751,190 |
| 1869.. | 608,910 | 12,300,000 | 8,979,000 | 57,017 | 1,950,000 | 2,574,000 | 487,889 | 14,100,000 | 10,434,000 | 197,594 | 5,750,000 | 3,622,500 | 2,630,718 | 80,500,000 | 48,300,000 |
| 1870.. | 525,244 | 11,818,000 | 8,390,780 | 40,212 | 1,327,000 | 1,300,460 | 514,459 | 19,035,000 | 10,469,250 | 176,454 | 5,823,000 | 2,969,730 | 3,025,159 | 94,990,000 | 41,795,600 |
| 1871.. | 475,720 | 11,227,000 | 7,185,280 | 41,370 | 1,419,000 | 1,390,620 | 499,351 | 16,179,000 | 9,545,610 | 218,552 | 8,152,000 | 3,586,880 | 2,299,736 | 87,390,000 | 27,090,900 |
| 1872.. | 478,347 | 11,002,000 | 6,271,140 | 42,970 | 1,461,000 | 1,314,900 | 471,861 | 16,987,000 | 7,304,410 | 226,931 | 7,988,000 | 2,875,680 | 2,857,864 | 105,741,000 | 33,837,120 |
| 1873.. | 488,364 | 10,451,000 | 7,106,680 | 41,314 | 1,446,000 | 1,214,640 | 454,806 | 14,099,000 | 6,626,530 | 228,222 | 7,189,000 | 2,947,490 | 3,014,723 | 70,846,000 | 26,921,480 |
| 1874.. | 489,366 | 10,032,000 | 7,323,360 | 44,719 | 1,431,000 | 1,574,100 | 460,963 | 12,689,000 | 8,247,850 | 243,484 | 7,548,000 | 3,849,480 | 2,878,062 | 46,049,000 | 34,076,200 |
| 1875.. | 473,333 | 14,200,000 | 7,810,000 | 43,783 | 1,620,000 | 1,539,000 | 715,151 | 23,600,000 | 14,396,000 | 251,369 | 7,340,000 | 3,082,800 | 3,497,267 | 128,000,000 | 35,840,000 |
| 1876.. | 475,172 | 13,780,000 | 6,752,200 | 32,857 | 1,150,000 | 862,500 | 736,206 | 21,350,000 | 11,102,000 | 291,338 | 7,400,000 | 2,960,000 | 3,687,050 | 102,500,000 | 28,700,000 |
| 1877.. | 477,143 | 13,360,000 | 7,080,800 | 36,023 | 1,250,000 | 875,000 | 669,355 | 20,750,000 | 8,092,500 | 455,172 | 13,200,000 | 5,016,000 | 3,551,724 | 103,000,000 | 27,810,000 |
| 1878.. | 477,000 | 11,209,500 | 5,044,275 | 35,000 | 1,260,000 | 781,200 | 835,500 | 31,247,700 | 11,874,126 | 449,000 | 17,106,900 | 4,961,001 | 3,552,000 | 93,062,400 | 24,196,224 |
| 1879.. | 448,400 | 13,721,040 | 7,134,941 | 38,500 | 1,386,000 | 1,081,080 | 835,500 | 30,913,500 | 13,911,075 | 449,000 | 15,715,000 | 4,243,050 | 3,836,200 | 141,939,400 | 35,484,850 |
| 1880.. | 678,190 | 21,702,080 | 10,634,019 | 55,980 | 1,875,330 | 1,406,497 | 855,430 | 34,816,001 | 16,015,360 | 442,230 | 15,478,050 | 5,572,098 | 5,650,120 | 160,463,408 | 57,766,827 |
| 1881.. | 671,400 | 10,277,000 | 10,417,280 | 56,000 | 1,406,000 | 1,237,280 | 894,000 | 25,068,000 | 15,792,840 | 508,500 | 16,252,000 | 8,613,560 | 5,650,100 | 93,069,000 | 60,494,850 |
| 1882.. | 691,542 | 17,904,700 | 10,384,726 | 57,120 | 1,237,200 | 1,175,340 | 929,760 | 28,581,600 | 16,863,144 | 661,050 | 21,127,600 | 9,507,420 | 5,763,102 | 170,037,000 | 66,314,430 |
| 1883.. | 691,542 | 16,251,200 | 8,288,112 | 58,262 | 2,039,100 | 1,631,280 | 911,165 | 21,412,300 | 11,134,396 | 727,155 | 15,124,800 | 6,503,664 | 5,878,364 | 161,655,000 | 56,579,250 |
| 1884.. | 698,400 | 15,237,000 | 7,313,760 | 57,097 | 1,941,000 | 1,397,520 | 929,388 | 26,022,000 | 10,408,800 | 705,340 | 23,630,000 | 7,797,900 | 5,995,931 | 197,850,000 | 51,441,000 |
| 1885.. | 726,336 | 15,999,000 | 7,359,540 | 57,668 | 1,961,000 | 1,372,700 | 938,682 | 30,706,000 | 10,449,040 | 648,913 | 18,431,000 | 5,897,920 | 6,295,728 | 198,861,000 | 49,215,250 |
| 1886.. | 719,073 | 15,039,000 | 6,466,770 | 58,821 | 1,922,000 | 1,268,520 | 948,069 | 27,635,000 | 10,501,300 | 668,380 | 19,905,000 | 6,767,700 | 6,484,600 | 143,709,000 | 44,549,790 |
| 1887.. | 719,073 | 19,415,000 | 8,736,750 | 59,997 | 2,124,000 | 1,486,800 | 841,316 | 18,930,000 | 9,086,400 | 606,756 | 18,081,000 | 6,689,970 | 6,406,785 | 140,949,000 | 53,151,130 |
| 1888.. | 740,645 | 17,553,000 | 7,898,850 | 59,397 | 1,788,000 | 1,215,840 | 967,513 | 29,025,000 | 12,190,500 | 703,337 | 20,622,000 | 6,599,040 | 6,534,921 | 202,583,000 | 60,774,900 |
| 1889.. | 733,239 | 15,105,000 | 6,495,031 | 58,209 | 1,997,000 | 1,078,147 | 967,513 | 22,737,000 | 8,412,526 | 746,067 | 21,263,000 | 5,740,986 | 6,796,318 | 218,841,000 | 50,333,531 |
| 1890.. | 725,907 | 16,333,000 | 8,166,454 | 54,134 | 1,868,000 | 1,307,336 | 977,188 | 26,580,000 | 14,618,733 | 768,449 | 21,286,000 | 8,940,136 | 6,796,318 | 175,345,000 | 77,151,802 |
| 1891.. | 740,425 | 18,881,000 | 10,006,844 | 54,134 | 2,138,000 | 1,667,869 | 1,055,363 | 31,133,000 | 14,943,940 | 814,556 | 21,586,000 | 8,418,436 | 6,796,318 | 203,210,000 | 77,219,765 |
| 1892.. | 629,361 | 12,965,000 | 5,834,177 | 40,059 | 1,550,000 | 961,175 | 928,719 | 23,218,000 | 10,680,269 | 896,012 | 24,192,000 | 8,951,160 | 5,505,018 | 152,489,000 | 54,896,040 |
| 1893.. | 623,067 | 15,078,221 | 6,634,417 | 40,460 | 1,355,410 | 840,354 | 919,432 | 21,790,538 | 9,805,742 | 887,052 | 25,103,672 | 8,535,214 | 5,670,169 | 158,197,715 | 47,459,315 |

No. 229.—Estimated Annual Acreage, Product, and Value of the Corn Crop in the Principal and all other States and Territories, from 1868 to 1893, inclusive—Continued.

| Year. | Mississippi. | | | Nebraska. | | | New Hampshire. | | | New Jersey. | | | New York. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868 | 2,077,134 | 35,519,000 | 26,284,060 | 139,082 | 3,185,000 | 2,197,650 | 43,171 | 1,511,000 | 2,160,730 | 272,426 | 10,216,000 | 10,113,840 | 653,437 | 20,910,000 | 23,419,200 |
| 1869 | 1,714,285 | 30,000,000 | 33,600,000 | 159,952 | 6,750,000 | 2,497,500 | 46,666 | 1,400,000 | 1,820,000 | 298,701 | 9,200,000 | 8,740,000 | 704,797 | 19,100,000 | 19,673,000 |
| 1870 | 1,836,363 | 30,300,000 | 29,694,000 | 172,675 | 5,163,000 | 1,858,680 | 33,232 | 1,213,000 | 1,322,170 | 304,757 | 10,057,000 | 8,146,170 | 571,352 | 19,426,000 | 16,900,620 |
| 1871 | 1,298,571 | 18,180,000 | 17,816,400 | 174,168 | 7,228,000 | 1,807,000 | 35,658 | 1,273,000 | 1,209,350 | 293,305 | 10,559,000 | 7,919,250 | 529,787 | 17,483,000 | 14,336,060 |
| 1872 | 1,246,628 | 21,816,000 | 19,198,080 | 200,767 | 7,589,000 | 1,366,020 | 35,968 | 1,374,000 | 1,305,300 | 307,392 | 12,142,000 | 7,528,040 | 512,826 | 19,231,000 | 13,461,700 |
| 1873 | 1,196,322 | 18,543,000 | 15,761,550 | 200,000 | 7,000,000 | 1,960,000 | 34,800 | 1,305,000 | 1,200,600 | 290,055 | 10,442,000 | 6,474,040 | 570,710 | 17,692,000 | 12,384,400 |
| 1874 | 1,330,217 | 18,357,000 | 18,540,570 | 350,000 | 3,500,000 | 2,555,000 | 34,038 | 1,239,000 | 1,387,680 | 268,486 | 9,397,000 | 7,705,540 | 560,233 | 16,807,000 | 15,630,510 |
| 1875 | 1,290,000 | 23,220,000 | 16,718,400 | 700,000 | 28,000,000 | 5,600,000 | 43,421 | 1,650,000 | 1,551,000 | 234,146 | 9,600,000 | 6,240,000 | 580,882 | 19,750,000 | 14,615,000 |
| 1876 | 1,333,333 | 20,000,000 | 11,000,000 | 850,000 | 25,500,000 | 6,885,000 | 48,309 | 2,029,000 | 1,602,910 | 261,111 | 9,400,000 | 5,264,000 | 700,000 | 21,000,000 | 14,280,000 |
| 1877 | 1,386,667 | 20,800,000 | 12,896,000 | 1,013,158 | 38,500,000 | 6,930,000 | 56,470 | 2,400,000 | 1,896,000 | 269,231 | 9,800,000 | 5,096,000 | 709,375 | 22,700,000 | 13,620,000 |
| 1878 | 1,498,000 | 19,474,000 | 12,463,360 | 1,291,000 | 54,222,000 | 8,675,520 | 56,600 | 2,207,400 | 1,346,514 | 272,000 | 9,792,000 | 4,406,400 | 695,000 | 25,020,000 | 12,510,000 |
| 1879 | 1,557,900 | 24,926,400 | 15,454,368 | 1,522,400 | 62,459,400 | 13,116,474 | 57,200 | 1,859,000 | 1,450,020 | 263,800 | 8,969,200 | 5,202,136 | 688,000 | 22,704,000 | 13,849,440 |
| 1880 | 1,590,300 | 23,218,380 | 14,627,579 | 1,919,600 | 59,507,600 | 14,876,900 | 36,890 | 1,401,820 | 1,023,329 | 347,200 | 14,235,200 | 8,256,416 | 801,600 | 27,895,680 | 15,900,538 |
| 1881 | 1,606,200 | 17,646,000 | 16,940,160 | 2,149,200 | 58,913,000 | 22,976,070 | 36,900 | 1,262,000 | 1,097,940 | 336,800 | 7,829,000 | 6,028,330 | 761,500 | 20,085,000 | 15,465,450 |
| 1882 | 1,798,944 | 30,233,600 | 16,628,480 | 2,364,120 | 82,478,200 | 27,217,806 | 37,269 | 870,706 | 835,872 | 343,536 | 9,942,800 | 7,556,528 | 769,115 | 21,187,500 | 16,314,375 |
| 1883 | 1,870,902 | 25,257,100 | 15,911,973 | 2,813,303 | 101,278,900 | 24,306,936 | 38,014 | 1,368,500 | 1,122,170 | 346,971 | 9,715,100 | 6,314,815 | 761,423 | 17,512,700 | 12,784,271 |
| 1884 | 1,889,600 | 25,510,000 | 15,816,200 | 3,235,298 | 122,100,000 | 21,978,000 | 38,774 | 1,286,000 | 977,360 | 343,500 | 10,992,000 | 5,935,680 | 753,819 | 22,674,000 | 13,604,400 |
| 1885 | 1,927,392 | 25,765,000 | 13,913,100 | 3,526,475 | 129,426,000 | 24,590,940 | 38,386 | 1,299,000 | 922,290 | 350,370 | 11,212,000 | 5,942,360 | 731,196 | 22,448,000 | 13,019,840 |
| 1886 | 1,946,666 | 25,507,000 | 15,049,130 | 3,879,123 | 106,129,000 | 21,225,800 | 38,578 | 1,364,000 | 927,520 | 346,866 | 9,418,000 | 4,709,000 | 716,572 | 22,426,000 | 12,558,560 |
| 1887 | 1,886,319 | 32,633,000 | 17,295,490 | 3,865,158 | 93,150,000 | 27,945,000 | 38,578 | 1,322,000 | 912,870 | 346,866 | 10,406,000 | 5,723,300 | 709,406 | 23,410,000 | 13,343,700 |
| 1888 | 1,933,477 | 28,422,000 | 15,347,880 | 4,097,067 | 144,217,000 | 31,727,740 | 37,421 | 846,000 | 609,120 | 350,335 | 11,351,000 | 6,016,030 | 705,359 | 22,870,000 | 13,264,600 |
| 1889 | 1,991,481 | 29,474,000 | 14,736,960 | 4,097,067 | 149,543,000 | 25,422,301 | 35,924 | 1,311,000 | 734,287 | 357,342 | 10,792,000 | 5,395,864 | 698,800 | 20,475,000 | 10,032,672 |
| 1890 | 1,951,651 | 24,396,000 | 17,076,947 | 3,072,800 | 55,310,000 | 26,548,992 | 34,487 | 1,259,000 | 906,319 | 357,342 | 11,185,000 | 6,934,579 | 642,896 | 17,101,000 | 11,115,672 |
| 1891 | 1,951,651 | 29,665,000 | 17,205,755 | 4,762,840 | 167,652,000 | 43,589,512 | 37,246 | 1,333,000 | 1,026,723 | 360,915 | 12,343,000 | 8,023,140 | 694,328 | 22,080,000 | 14,572,556 |
| 1892 | 1,990,684 | 27,272,000 | 13,908,909 | 5,572,523 | 157,145,000 | 44,000,642 | 25,327 | 957,000 | 622,285 | 288,732 | 9,124,000 | 5,291,880 | 527,689 | 17,414,000 | 10,448,242 |
| 1893 | 1,970,777 | 25,617,179 | 14,199,448 | 6,241,226 | 157,278,895 | 42,465,302 | 25,074 | 794,346 | 453,062 | 277,183 | 7,179,040 | 3,733,101 | 517,135 | 15,255,483 | 8,390,516 |

No. 229.—Estimated Annual Acreage, Product, and Value of the CORN CROP in the PRINCIPAL and ALL OTHER STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.

| Year. | North Carolina. | | | Ohio. | | | Pennsylvania. | | | South Carolina. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868 | 1,633,986 | 23,366,000 | 18,225,480 | 2,177,647 | 74,040,000 | 44,424,000 | 913,685 | 31,979,000 | 31,979,000 | 967,647 | 9,870,000 | 9,870,000 |
| 1869 | 1,175,675 | 17,400,000 | 17,400,000 | 2,267,441 | 68,250,000 | 49,140,000 | 939,490 | 29,500,000 | 27,140,000 | 698,275 | 8,100,000 | 11,340,000 |
| 1870 | 1,541,095 | 22,500,000 | 17,550,000 | 2,250,025 | 87,751,000 | 42,120,480 | 1,085,642 | 33,666,000 | 29,149,500 | 1,348,314 | 12,000,000 | 12,720,000 |
| 1871 | 1,478,571 | 20,700,000 | 14,697,000 | 2,324,631 | 89,506,000 | 40,277,700 | 1,105,746 | 39,254,000 | 30,225,580 | 984,000 | 9,840,000 | 9,052,800 |
| 1872 | 1,500,750 | 24,012,000 | 14,887,440 | 2,515,215 | 99,351,000 | 33,779,340 | 1,127,282 | 43,964,000 | 26,373,400 | 1,012,095 | 10,627,000 | 10,201,920 |
| 1873 | 1,488,028 | 21,130,000 | 13,523,200 | 2,526,343 | 88,422,000 | 37,137,240 | 1,052,109 | 36,929,000 | 22,157,400 | 973,158 | 9,245,000 | 8,690,300 |
| 1874 | 1,352,805 | 22,186,000 | 15,973,920 | 2,456,167 | 88,422,000 | 51,284,760 | 1,078,945 | 35,821,000 | 27,223,960 | 924,454 | 10,169,000 | 10,169,000 |
| 1875 | 1,485,000 | 22,275,000 | 13,365,000 | 2,753,628 | 95,000,000 | 41,800,000 | 1,100,000 | 44,000,000 | 25,520,000 | 905,882 | 9,240,000 | 9,240,000 |
| 1876 | 1,575,342 | 23,000,000 | 12,420,000 | 3,133,514 | 115,000,000 | 43,700,000 | 1,207,142 | 42,250,000 | 20,287,500 | 1,182,926 | 9,700,000 | 7,566,000 |
| 1877 | 1,628,571 | 22,800,000 | 11,856,000 | 3,079,365 | 97,000,000 | 38,800,000 | 1,246,060 | 41,120,000 | 20,971,200 | 1,244,444 | 11,200,000 | 8,736,000 |
| 1878 | 1,662,000 | 22,603,200 | 10,171,440 | 3,113,000 | 108,643,700 | 35,852,421 | 1,259,000 | 44,065,000 | 21,151,200 | 1,320,000 | 12,276,000 | 6,629,040 |
| 1879 | 1,711,900 | 25,678,500 | 14,898,530 | 3,019,600 | 105,686,000 | 41,217,540 | 1,271,600 | 44,506,000 | 24,033,240 | 1,293,600 | 9,702,000 | 7,276,500 |
| 1880 | 2,253,300 | 36,954,120 | 19,216,142 | 3,198,400 | 119,940,000 | 49,175,400 | 1,374,500 | 55,804,700 | 29,576,491 | 1,263,000 | 11,745,900 | 9,044,343 |
| 1881 | 2,307,600 | 26,997,000 | 21,311,830 | 3,134,400 | 79,760,000 | 48,653,600 | 1,374,500 | 34,599,000 | 25,949,250 | 1,308,900 | 8,809,000 | 8,720,910 |
| 1882 | 2,446,056 | 34,260,700 | 18,158,171 | 2,977,680 | 93,319,200 | 57,857,904 | 1,388,245 | 43,518,800 | 30,463,160 | 1,361,256 | 16,356,200 | 11,122,216 |
| 1883 | 2,494,977 | 28,692,200 | 18,649,980 | 2,818,470 | 73,560,000 | 34,573,200 | 1,402,127 | 37,857,400 | 25,364,458 | 1,388,481 | 11,107,800 | 8,108,694 |
| 1884 | 2,519,927 | 31,499,000 | 18,899,400 | 2,846,664 | 85,393,000 | 35,011,130 | 1,403,000 | 43,466,000 | 22,602,320 | 1,444,020 | 13,320,000 | 9,057,600 |
| 1885 | 2,545,126 | 25,199,000 | 13,859,450 | 3,017,464 | 111,655,000 | 35,796,800 | 1,417,030 | 46,074,000 | 22,576,260 | 1,487,341 | 13,453,000 | 7,533,680 |
| 1886 | 2,596,029 | 27,215,000 | 15,512,550 | 2,987,289 | 96,204,000 | 33,671,400 | 1,438,235 | 40,545,000 | 19,056,150 | 1,457,594 | 13,818,000 | 7,990,800 |
| 1887 | 2,673,910 | 35,880,000 | 21,139,700 | 2,805,961 | 73,797,000 | 35,422,560 | 1,394,561 | 44,905,000 | 22,452,500 | 1,501,322 | 15,013,000 | 9,308,060 |
| 1888 | 2,673,910 | 28,343,000 | 16,438,940 | 2,862,080 | 93,018,000 | 32,556,300 | 1,397,350 | 45,414,000 | 22,707,000 | 1,576,388 | 13,715,000 | 8,229,000 |
| 1889 | 2,754,127 | 33,050,000 | 17,516,248 | 3,005,184 | 88,953,000 | 27,575,568 | 1,383,377 | 41,225,000 | 18,963,332 | 1,592,152 | 18,310,000 | 9,887,264 |
| 1890 | 2,726,586 | 36,264,000 | 19,944,977 | 2,827,277 | 65,876,000 | 33,596,533 | 1,383,377 | 38,043,000 | 22,825,721 | 1,576,230 | 16,078,000 | 11,254,282 |
| 1891 | 2,672,054 | 37,676,000 | 21,852,057 | 2,940,368 | 94,092,000 | 38,577,628 | 1,397,211 | 46,537,000 | 26,520,462 | 1,607,755 | 18,650,000 | 13,054,971 |
| 1892 | 2,485,010 | 25,347,000 | 13,687,435 | 2,852,157 | 83,853,000 | 35,218,435 | 1,299,406 | 39,632,000 | 22,590,173 | 1,591,677 | 16,713,000 | 9,526,187 |
| 1893 | 2,435,310 | 29,954,313 | 14,977,157 | 2,709,549 | 64,487,266 | 25,794,906 | 1,273,418 | 31,198,741 | 15,287,383 | 1,623,511 | 12,501,035 | 7,500,621 |

No. 229.—Estimated Annual Acreage, Product, and Value of the Corn Crop in the Principal and all other States and Territories, from 1868 to 1893, inclusive—Continued.

| Year. | Tennessee. | | | Texas. | | | Vermont. | | | Virginia. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868 | 2,164,901 | 54,772,000 | 26,838,280 | 853,480 | 21,337,000 | 13,228,940 | 43,428 | 1,672,000 | 2,240,480 | 1,034,668 | 19,969,000 | 15,176,440 |
| 1869 | 2,375,000 | 47,500,000 | 36,575,000 | 793,103 | 23,000,000 | 16,790,000 | 43,382 | 1,475,000 | 2,065,000 | 1,129,032 | 17,500,000 | 15,925,000 |
| 1870 | 1,976,744 | 51,000,000 | 23,970,000 | 893,962 | 23,690,000 | 25,111,400 | 43,484 | 1,920,000 | 2,112,000 | 968,000 | 19,360,000 | 12,584,000 |
| 1871 | 1,995,652 | 45,900,000 | 23,409,000 | 1,097,210 | 20,847,000 | 23,140,170 | 49,073 | 1,747,000 | 1,729,530 | 865,176 | 19,553,000 | 13,100,510 |
| 1872 | 1,992,255 | 46,818,000 | 22,472,640 | 1,104,110 | 27,934,000 | 12,011,620 | 49,256 | 1,921,000 | 1,613,640 | 865,904 | 18,184,000 | 10,546,720 |
| 1873 | 1,893,511 | 42,604,000 | 24,710,320 | 1,249,631 | 23,743,000 | 18,994,400 | 56,387 | 1,748,000 | 1,485,800 | 1,014,474 | 19,275,000 | 11,372,250 |
| 1874 | 1,901,964 | 31,953,000 | 21,728,040 | 1,474,526 | 28,016,000 | 21,012,000 | 45,983 | 1,660,000 | 1,826,000 | 954,100 | 19,082,000 | 11,212,480 |
| 1875 | 2,188,679 | 58,000,000 | 23,780,000 | 1,550,000 | 31,000,000 | 25,730,000 | 46,486 | 1,720,000 | 1,616,800 | 969,681 | 21,333,000 | 11,519,820 |
| 1876 | 2,224,489 | 54,500,000 | 17,440,000 | 1,920,000 | 48,000,000 | 24,000,000 | 43,512 | 1,892,000 | 1,475,760 | 1,030,000 | 20,600,000 | 9,476,000 |
| 1877 | 2,020,000 | 50,500,000 | 20,200,000 | 2,041,667 | 49,000,000 | 21,070,000 | 55,128 | 2,150,000 | 1,655,500 | 989,796 | 19,400,000 | 8,924,000 |
| 1878 | 1,939,000 | 37,422,700 | 15,343,307 | 2,246,000 | 58,396,000 | 25,694,240 | 55,500 | 2,275,500 | 1,319,790 | 1,040,000 | 18,200,000 | 7,826,000 |
| 1879 | 2,035,900 | 50,897,500 | 18,832,075 | 2,246,000 | 29,198,000 | 30,073,940 | 56,600 | 2,037,600 | 1,487,448 | 1,050,400 | 19,957,600 | 9,779,224 |
| 1880 | 2,788,830 | 62,469,792 | 22,489,125 | 2,670,180 | 66,754,500 | 35,379,885 | 56,300 | 1,801,600 | 1,279,136 | 1,809,200 | 45,230,000 | 18,996,600 |
| 1881 | 2,915,300 | 36,232,000 | 26,087,040 | 2,903,700 | 33,377,000 | 33,043,230 | 55,800 | 1,990,000 | 1,711,400 | 1,809,200 | 27,200,000 | 19,312,000 |
| 1882 | 3,119,371 | 75,188,600 | 31,579,212 | 3,280,329 | 63,416,300 | 36,781,454 | 56,916 | 1,930,300 | 1,814,482 | 1,881,568 | 35,904,000 | 19,029,120 |
| 1883 | 3,212,952 | 64,259,000 | 28,273,960 | 3,608,362 | 63,148,300 | 37,887,780 | 58,628 | 1,817,300 | 1,435,667 | 1,919,199 | 26,868,700 | 16,121,220 |
| 1884 | 3,245,082 | 65,723,000 | 29,575,350 | 3,752,700 | 60,290,000 | 37,379,800 | 60,282 | 1,999,000 | 1,299,350 | 1,938,391 | 29,480,000 | 16,508,800 |
| 1885 | 3,569,590 | 75,581,000 | 29,476,590 | 4,090,443 | 84,406,000 | 41,358,940 | 61,488 | 1,979,000 | 1,266,560 | 2,132,230 | 31,838,000 | 14,963,860 |
| 1886 | 3,533,894 | 73,314,000 | 29,325,600 | 4,417,678 | 69,213,000 | 38,759,280 | 62,718 | 2,058,000 | 1,358,280 | 2,110,908 | 32,793,000 | 14,756,850 |
| 1887 | 3,497,848 | 75,204,000 | 37,602,000 | 4;499,405 | 76,490,000 | 39,009,900 | 62,091 | 2,204,000 | 1,498,720 | 2,153,126 | 37,680,000 | 17,709,600 |
| 1888 | 3,637,762 | 75,665,000 | 31,779,300 | 4,814,363 | 92,436,000 | 37,898,760 | 61,470 | 1,494,000 | 986,040 | 2,131,595 | 34,745,000 | 17,025,050 |
| 1889 | 3,674,140 | 80,831,000 | 29,907,500 | 4,573,645 | 83,698,000 | 29,294,196 | 58,397 | 2,044,000 | 1,124,142 | 2,152,911 | 34,281,000 | 15,061,765 |
| 1890 | 3,600,657 | 67,692,000 | 35,200,023 | 4,116,281 | 63,802,000 | 45,937,696 | 54,893 | 1,839,000 | 1,324,020 | 2,109,853 | 36,922,000 | 20,307,335 |
| 1891 | 3,636,664 | 82,552,000 | 35,497,477 | 3,622,327 | 70,635,000 | 38,849,457 | 57,638 | 2,144,000 | 1,629,542 | 2,004,360 | 39,486,000 | 19,742,946 |
| 1892 | 3,018,431 | 61,274,000 | 26,347,884 | 3,441,211 | 73,642,000 | 33,138,862 | 43,229 | 1,643,000 | 1,051,329 | 1,708,706 | 26,067,000 | 13,815,352 |
| 1893 | 2,988,247 | 63,649,661 | 24,823,368 | 3,475,623 | 61,170,965 | 33,032,321 | 44,094 | 1,428,646 | 871,474 | 1,652,595 | 31,234,046 | 14,367,661 |

No. 229.—Estimated Annual Acreage, Product, and Value of the CORN CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.

| Year. | West Virginia. | | | Wisconsin. | | | All other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868 | 219,857 | 7,695,000 | 5,771,250 | 380,757 | 12,565,000 | 7,287,700 | 17,592 | 475,000 | 783,750 | 34,887,246 | 906,527,000 | 569,512,469 |
| 1869 | 291,366 | 8,100,000 | 6,399,000 | 359,848 | 9,500,000 | 6,175,000 | 94,602 | 2,840,000 | 2,923,200 | 37,103,245 | 874,520,000 | 658,532,700 |
| 1870 | 323,585 | 9,837,000 | 6,295,680 | 526,184 | 19,995,000 | 10,397,400 | 48,306 | 1,609,000 | 1,616,250 | 38,646,977 | 1,094,255,000 | 601,889,030 |
| 1871 | 338,586 | 9,345,000 | 5,887,350 | 567,480 | 21,394,000 | 9,199,420 | 59,358 | 1,758,000 | 1,720,330 | 34,091,137 | 991,898,000 | 478,275,900 |
| 1872 | 347,543 | 9,905,000 | 5,447,750 | 557,868 | 21,180,000 | 8,472,000 | 54,721 | 1,777,000 | 1,554,570 | 35,526,836 | 1,092,719,000 | 435,149,290 |
| 1873 | 344,965 | 10,004,000 | 5,402,160 | 543,600 | 16,308,000 | 7,175,520 | 57,460 | 1,645,000 | 1,553,580 | 39,197,148 | 932,274,000 | 447,183,020 |
| 1874 | 332,189 | 8,803,000 | 5,369,830 | 549,362 | 15,492,000 | 9,759,960 | 59,994 | 1,645,500 | 1,696,380 | 41,036,918 | 850,148,500 | 550,043,080 |
| 1875 | 362,886 | 10,560,000 | 5,913,600 | 723,809 | 15,200,000 | 8,208,000 | 73,876 | 1,901,000 | 1,952,560 | 44,841,871 | 1,321,069,000 | 555,445,930 |
| 1876 | 376,063 | 10,695,000 | 4,772,250 | 794,117 | 27,000,000 | 11,070,000 | 75,838 | 2,000,500 | 1,837,250 | 49,033,364 | 1,283,827,500 | 475,491,210 |
| 1877 | 376,470 | 9,600,000 | 4,512,000 | 1,025,000 | 28,700,000 | 9,471,000 | 97,105 | 2,498,000 | 1,812,000 | 50,369,113 | 1,342,558,000 | 480,643,400 |
| 1878 | 372,000 | 10,118,400 | 4,249,728 | 984,000 | 36,900,000 | 10,701,000 | 102,400 | 3 105,300 | 1,897,644 | 51,585,000 | 1,388,218,750 | 441,153,405 |
| 1879 | 364,600 | 11,302,600 | 5,199,196 | 1,023,400 | 39,912,600 | 15,565,914 | 104,550 | 3,162,200 | 2,809,932 | 53,085,450 | 1,547,901,790 | 580,486,217 |
| 1880 | 576,900 | 17,307,000 | 8,134,290 | 1,023,254 | 33,767,382 | 13,169,279 | 198,238 | 5,751,132 | 4,231,027 | 62,317,842 | 1,717,434,543 | 679,714,499 |
| 1881 | 571,100 | 12,980,000 | 9,605,200 | 1,054,000 | 29,040,000 | 15,681,600 | 210,125 | 6,554,000 | 6,225,300 | 64,262,025 | 1,194,916,000 | 759,482,170 |
| 1882 | 588,233 | 14,927,000 | 8,657,660 | 1,117,240 | 32,201,600 | 17,066,848 | 105,685 | 2,270,300 | 2,243,478 | 65,659,545 | 1,617,025,100 | 783,867,175 |
| 1883 | 588,233 | 14,294,000 | 7,575,820 | 1,122,826 | 23,579,300 | 11,318,064 | 107,968 | 2,465,640 | 2,068,914 | 68,301,889 | 1,551,066,895 | 658,051,485 |
| 1884 | 594,115 | 11,900,000 | 6,664,000 | 1,066,685 | 26,200,000 | 8,908,000 | 114,221 | 2,749,000 | 1,893,760 | 69,683,780 | 1,795,528,000 | 640,735,560 |
| 1885 | 665 409 | 15,827,000 | 6,330,800 | 1,088,019 | 32,750,000 | 11,135,000 | 118,543 | 3,163,000 | 2,253,280 | 73,130,150 | 1,936,176,000 | 635,674,630 |
| 1886 | 665,409 | 15,194,000 | 6,381,480 | 1,109,779 | 28,493,000 | 10,542,410 | 121,442 | 3,000,000 | 1,895,920 | 75,694,208 | 1,665,441,000 | 610,311,000 |
| 1887 | 658,755 | 12,516,000 | 6,758,640 | 1,018,778 | 25,775,000 | 10,825,500 | 125,885 | 3,027,000 | 2,060,780 | 72,392,720 | 1,456,161,000 | 646,106,770 |
| 1888 | 678,518 | 16,149,000 | 7,751,520 | 1,069,717 | 32,733,000 | 11,783,880 | 147,301 | 2,920,000 | 1,861,350 | 75,672,763 | 1,987,790,000 | 677,561,580 |
| 1889 | 678,518 | 15,199,000 | 6,079,521 | 1,080,414 | 28,415,000 | 8,240,318 | 154,869 | 3,412,000 | 2,023,718 | 78,319,651 | 2,112,892,000 | 597,918,829 |
| 1890 | 671,733 | 13,435,000 | 8,060,796 | 1,102,022 | 33,061,000 | 14,877,297 | 153,915 | 3,207,000 | 2,211,176 | 71,970,763 | 1,489,970,000 | 754,433,451 |
| 1891 | 691,885 | 18,888,000 | 9,822,000 | 1,113,042 | 29,718,000 | 13,076,017 | 158,997 | 3,369,000 | 2,195,840 | 76,204,515 | 2,060,144,000 | 836,439,223 |
| 1892 | 636,534 | 14,322,000 | 8,020,328 | 1,001,738 | 27,347,000 | 10,392,060 | 204,462 | 4,460,000 | 2,194,239 | 70,626,658 | 1,628,464,000 | 642,146,630 |
| 1893 | 649,265 | 14,089,051 | 7,748,978 | 971,686 | 28,956,243 | 10,134,685 | 196,728 | 3,756,110 | 2,130,829 | 72,036,465 | 1,619,496,131 | 591,625,627 |

## No. 230.—Estimated Annual Acreage, Product, and Value of the COTTON CROP in the PRINCIPAL and all other STATES and TERRITORIES, in 1850, 1860, 1870, from 1878 to 1880, from 1882 to 1888, and in 1890, inclusive.

[For 1850, 1860, and 1870 from the reports of the United States Census; for 1890 from a preliminary report by the United States Census, and for the other years from the Annual Reports of the Department of Agriculture. The figures for 1889 are not available at present. For the total production of cotton during the years not herein enumerated see Table No. 173.]

| Year. | Alabama. | | | Arkansas. | | | Florida. | | | Georgia. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* |
| 1850 | ..... | 564,429 | ..... | ..... | 65,344 | ..... | ..... | 45,131 | ..... | ..... | 499,091 | ..... |
| 1860 | ..... | 989,955 | ..... | ..... | 367,393 | ..... | ..... | 65,153 | ..... | ..... | 701,840 | ..... |
| 1870 | ..... | 429,482 | ..... | ..... | 247,968 | ..... | ..... | 39,789 | ..... | ..... | 473,934 | ..... |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1878 | 1,837,550 | 242,556,000 | 19,889,641 | 1,165,850 | 318,277,050 | 26,098,718 | 166,650 | 17,664,900 | 1,448,522 | 1,483,500 | 238,843,500 | 19,585,167 |
| 1879 | 1,892,700 | 321,759,000 | 35,393,490 | 1,177,500 | 323,812,500 | 32,381,250 | 161,600 | 16,968,000 | 1,696,800 | 1,592,000 | 248,352,000 | 24,835,200 |
| 1880 | 2,460,600 | 378,932,400 | 37,893,240 | 1,080,200 | 232,243,000 | 23,224,300 | 251,600 | 35,727,200 | 3,215,448 | 2,786,300 | 454,166,900 | 45,416,690 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1882 | 2,610,420 | 810,000 | 36,450,000 | 1,188,545 | 697,000 | 31,365,000 | 257,799 | 62,000 | 3,472,000 | 2,872,748 | 942,000 | 41,448,500 |
| 1883 | 2,610,420 | 630,400 | 28,052,800 | 1,188,545 | 518,500 | 22,814,000 | 257,799 | 58,900 | 2,650,500 | 2,872,748 | 752,500 | 33,110,000 |
| 1884 | 2,740,941 | 648,700 | 29,862,905 | 1,259,858 | 531,400 | 23,711,068 | 268,111 | 57,300 | 3,151,500 | 2,958,930 | 807,400 | 35,141,278 |
| 1885 | 2,795,760 | 760,447 | 31,349,428 | 1,348,048 | 610,666 | 25,226,612 | 273,473 | 73,837 | 4,357,860 | 3,047,698 | 960,025 | 39,413,826 |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1886 | 2,823,718 | 367,083,340 | 30,467,917 | 1,354,788 | 325,149,120 | 26,662,228 | 270,738 | 27,886,014 | 2,286,653 | 2,956,267 | 405,008,579 | 33,210,703 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1887 | 2,809,599 | 842,880 | 35,881,402 | 1,388,658 | 611,010 | 25,495,761 | 262,616 | 66,179 | 1,829,388 | 2,941,486 | 947,158 | 39,388,513 |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1888 | 2,851,743 | 456,278,880 | 38,783,705 | 1,416,422 | 297,450,510 | 25,283,293 | 259,990 | 30,158,840 | 2,533,343 | 2,970,901 | 463,460,556 | 39,394,147 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1890 | 2,761,771 | 915,414 | ..... | 1,700,612 | 691,433 | ..... | 227,370 | 57,928 | ..... | 3,345,526 | 1,191,919 | ..... |

**No. 230.**—Estimated Annual Acreage, Product, and Value of the COTTON CROP in the PRINCIPAL and all other STATES and TERRITORIES, in 1850, 1860, 1870, from 1878 to 1880, from 1882 to 1888, and in 1890, inclusive—Continued.

| Year. | Louisiana. | | | Mississippi. | | | North Carolina. | | | South Carolina. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* |
| 1850 | ..... | 178,737 | ..... | ..... | 484,292 | ..... | ..... | 73,845 | ..... | ..... | 300,901 | ..... |
| 1860 | ..... | 777,738 | ..... | ..... | 1,202,507 | ..... | ..... | 145,514 | ..... | ..... | 353,412 | ..... |
| 1870 | ..... | 350,832 | ..... | ..... | 564,938 | ..... | ..... | 144,935 | ..... | ..... | 224,500 | ..... |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1878 | 1,348,950 | 214,483,050 | 17,802,093 | 2,055,050 | 337,028,200 | 27,973,341 | 590,500 | 99,794,500 | 8,482,532 | 944,650 | 153,977,950 | 13,396,082 |
| 1879 | 1,322,000 | 267,044,000 | 26,704,400 | 2,055,000 | 382,230,000 | 38,223,000 | 625,900 | 97,640,400 | 10,740,444 | 944,600 | 135,077,800 | 14,858,558 |
| 1880 | 888,000 | 161,616,000 | 16,161,600 | 2,275,000 | 391,300,000 | 39,130,000 | 933,600 | 184,734,000 | 18,473,400 | 1,141,600 | 266,696,000 | 29,336,560 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1882 | 931,900 | 560,000 | 24,920,000 | 2,278,521 | 1,064,000 | 47,348,000 | 1,050,543 | 463,000 | 19,909,000 | 1,618,989 | 630,000 | 27,090,000 |
| 1883 | 931,900 | 490,200 | 21,568,800 | 2,278,521 | 901,300 | 39,657,200 | 1,050,543 | 398,200 | 17,321,700 | 1,618,989 | 469,600 | 20,662,400 |
| 1884 | 922,581 | 485,200 | 21,426,432 | 2,392,447 | 883,200 | 39,426,048 | 1,061,048 | 404,100 | 17,663,211 | 1,716,128 | 511,800 | 22,227,987 |
| 1885 | 1,005,613 | 487,722 | 20,106,339 | 2,535,994 | 1,019,470 | 41,854,341 | 1,071,658 | 407,230 | 15,922,693 | 1,733,289 | 554,652 | 21,969,766 |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1886 | 1,035,781 | 228,907,601 | 18,999,331 | 2,548,674 | 453,663,972 | 37,654,110 | 1,071,658 | 168,250,306 | 14,133,026 | 1,655,291 | 231,740,740 | 19,234,481 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1887 | 1,066,854 | 504,622 | 20,917,591 | 2,548,674 | 1,062,797 | 43,872,260 | 1,066,301 | 443,581 | 17,752,112 | 1,622,185 | 595,342 | 24,343,534 |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1888 | 1,088,191 | 219,814,582 | 18,904,054 | 2,592,001 | 523,584,202 | 45,028,241 | 1,071,633 | 176,819,445 | 15,029,653 | 1,646,518 | 266,735,916 | 22,672,553 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1890 | 1,270,885 | 659,583 | ..... | 2,882,499 | 1,154,406 | ..... | 1,147,209 | 336,249 | ..... | 1,987,651 | 746,796 | ..... |

**No. 230.—Estimated Annual Acreage, Product, and Value of the Cotton Crop in the Principal and all other States and Territories, in 1850, 1860, 1870, from 1878 to 1880, from 1882 to 1888, and in 1890, inclusive—Continued.**

| Year. | Tennessee. | | | Texas. | | | Virginia. | | | All other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* | *Acres.* | *Bales.* | *Dollars.* |
| 1850 | ..... | 194,532 | ..... | ..... | 58,072 | ..... | ..... | 3,947 | ..... | ..... | 772 | ..... | ..... | 2,469,093 | ..... |
| 1860 | ..... | 296,464 | ..... | ..... | 431,463 | ..... | ..... | 12,727 | ..... | ..... | *a* 42,886 | ..... | ..... | 5,387,052 | ..... |
| 1870 | ..... | 181,842 | ..... | ..... | 350,628 | ..... | ..... | 183 | ..... | ..... | 2,965 | ..... | ..... | 3,011,996 | ..... |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1878 | 740,700 | 196,285,500 | 15,899,125 | 1,808,400 | 497,310,000 | 40,779,420 | ..... | ..... | ..... | 125,000 | *b* 31,250,000 | 2,500,000 | 12,266,800 | 2,347,471,250 | 193,854,641 |
| 1879 | 702,900 | 204,457,200 | 20,445,720 | 1,935,000 | 338,625,000 | 33,862,500 | ..... | ..... | ..... | 126,300 | *b* 31,575,000 | 2,999,625 | 12,595,500 | 2,367,540,900 | 242,140,987 |
| 1880 | 816,200 | 165,688,600 | 14,911,974 | 2,395,100 | 550,873,000 | 49,578,570 | ..... | ..... | ..... | 147,700 | *b* 32,494,000 | 2,924,460 | 15,475,300 | 2,854,471,100 | 280,266,242 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1882 | 807,602 | 337,000 | 15,165,000 | 3,034,922 | 1,326,000 | 59,670,000 | 55,786 | 24,000 | 1,032,000 | 83,782 | 42,000 | 1,827,000 | 16,791,557 | 6,957,000 | 309,695,500 |
| 1883 | 807,602 | 310,700 | 13,360,100 | 3,034,922 | 1,118,000 | 49,192,000 | 55,786 | 17,309 | 735,250 | 70,218 | *c* 35,000 | 1,470,000 | 16,777,993 | 5,700,600 | 250,594,750 |
| 1884 | 815,678 | 313,800 | 14,153,949 | 3,186,668 | 995,400 | 45,330,516 | 46,302 | 13,500 | 593,852 | 70,920 | 30,200 | 1,304,640 | 17,439,612 | 5,682,000 | 253,993,385 |
| 1885 | 864,618 | 321,638 | 13,259,527 | 3,505,335 | 1,332,027 | 54,613,107 | 44,913 | 14,821 | 579,501 | 74,466 | 32,765 | 1,336,812 | 18,300,865 | 6,575,300 | 269,989,812 |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1886 | 847,326 | 144,892,746 | 11,881,205 | 3,771,740 | 754,348,000 | 61,102,188 | 42,667 | 6,400,050 | 537,604 | 75,955 | 13,899,765 | 1,125,881 | 18,454,603 | 3,127,230,233 | 257,295,327 |
| | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | | | *Bales.* | |
| 1887 | 855,799 | 316,646 | 13,188,306 | 3,960,327 | 1,584,131 | 66,530,334 | 40,334 | 16,134 | 638,261 | 78,234 | 29,729 | 1,207,889 | 18,641,067 | 7,020,209 | 291,045,346 |
| | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | | | *Pounds.* | |
| 1888 | 881,473 | 176,294,600 | 14,985,041 | 4,158,343 | 806,718,542 | 67,764,358 | 42,351 | 6,649,107 | 551,876 | 79,016 | 14,222,880 | 1,208,945 | 19,058,591 | 3,438,188,060 | 292,139,209 |
| | | *Bales.* | | | *Bales.* | | | | | | | | | *Bales.* | |
| 1890 | 745,176 | 189,072 | ..... | 3,497,572 | 1,509,493 | ..... | ..... | (*d*) | ..... | ..... | ..... | (*d*) | 19,566,271 | 7,452,295 | ..... |

*a* Of this, 41,188 bales the product of Missouri. *b* Produced chiefly in the Indian Territory. *c* All of Missouri production. *d* Included in Texas.

## No. 231.—Estimated Annual Acreage, Product, and Value of the HAY CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1867 to 1888, inclusive, and 1893.

[From the Annual Reports of the Department of Agriculture.]

| Year. | Alabama. | | | California. | | | Connecticut. | | | Illinois. | | | Indiana. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* |
| 1867.. | 92,000 | 92,000 | 1,840,000 | *a* ..... | *a* ..... | *a* ..... | 552,307 | 718,000 | 15,508,800 | 1,778,000 | 2,667,000 | 25,949,910 | 862,857 | 1,208,000 | 14,049,040 |
| 1868.. | 51,204 | 85,000 | 1,638,800 | 338,345 | 450,000 | 6,750,000 | 767,826 | 883,000 | 15,231,750 | 1,905,000 | 2,667,000 | 26,670,000 | 948,148 | 1,280,000 | 14,195,200 |
| 1869.. | 49,635 | 68,000 | 1,785,000 | 303,225 | 470,000 | 5,969,000 | 524,475 | 750,000 | 13,500,000 | 1,761,006 | 2,800,000 | 27,636,000 | 805,369 | 1,200,000 | 12,624,000 |
| 1870.. | 46,616 | 62,000 | 1,240,000 | 416,891 | 617,000 | 10,303,900 | 333,076 | 433,000 | 11,084,800 | 1,605,932 | 1,895,000 | 20,352,300 | 765,354 | 972,000 | 11,139,120 |
| 1871.. | 13,984 | 18,600 | 362,700 | 415,503 | 536,000 | 11,711,600 | 370,270 | 411,000 | 12,823,200 | 1,403,053 | 1,838,000 | 18,471,900 | 694,117 | 826,000 | 10,556,280 |
| 1872.. | 13,900 | 13,900 | 254,787 | 413,333 | 620,000 | 9,672,000 | 472,566 | 534,000 | 13,910,700 | 1,428,888 | 1,929,000 | 18,267,630 | 692,741 | 859,000 | 10,763,270 |
| 1873.. | 14,167 | 17,000 | 314,500 | 520,438 | 713,000 | 11,764,500 | 470,275 | 512,600 | 12,815,000 | 1,880,000 | 2,350,000 | 20,562,500 | 714,640 | 893,300 | 10,272,950 |
| 1874.. | 14,571 | 15,300 | 267,750 | 458,357 | 641,700 | 9,683,253 | 508,615 | 661,200 | 12,728,100 | 1,860,417 | 2,232,500 | 23,418,925 | 711,416 | 803,900 | 11,190,288 |
| 1875.. | 16,923 | 22,000 | 427,460 | 492,857 | 690,000 | 11,447,100 | 542,857 | 570,000 | 12,397,500 | 2,226,277 | 3,050,000 | 29,676,500 | 807,692 | 1,050,000 | 12,064,500 |
| 1876.. | 18,461 | 24,000 | 402,000 | 629,629 | 850,000 | 9,868,500 | 558,252 | 575,000 | 10,062,500 | 2,500,000 | 3,500,000 | 23,380,000 | 920,000 | 1,150,000 | 9,855,500 |
| 1877.. | 18,077 | 23,500 | 305,500 | 622,222 | 560,000 | 8,400,000 | 527,272 | 580,000 | 10,875,000 | 2,460,000 | 3,936,000 | 23,104,320 | 846,774 | 1,050,000 | 6,825,000 |
| 1878.. | 19,000 | 34,200 | 577,980 | 620,000 | 1,271,000 | 16,027,310 | 527,000 | 843,200 | 9,654,640 | 2,370,000 | 3,531,300 | 18,150,882 | 1,200,000 | 1,680,000 | 10,180,800 |
| 1879.. | 22,229 | 34,900 | 473,244 | 756,380 | 1,232,900 | 12,242,697 | 662,500 | 927,500 | 9,048,125 | 2,188,843 | 2,648,500 | 24,869,415 | 1,166,281 | 1,411,200 | 13,886,208 |
| 1880.. | 21,280 | 34,900 | 518,963 | 698,643 | 1,257,558 | 15,996,138 | 760,550 | 760,550 | 12,168,800 | 1,790,021 | 2,595,530 | 21,672,675 | 1,001,189 | 1,481,760 | 15,262,128 |
| 1881.. | 9,068 | 10,881 | 179,319 | 798,830 | 1,078,421 | 13,156,736 | 569,017 | 569,017 | 10,037,460 | 2,472,856 | 3,214,713 | 36,647,728 | 1,145,578 | 1,374,694 | 16,771,267 |
| 1882.. | 10,882 | 12,513 | 150,156 | 806,818 | 1,121,558 | 14,580,254 | 574,707 | 551,946 | 9,576,263 | 2,744,870 | 3,439,743 | 30,269,738 | 1,260,136 | 1,649,633 | 14,846,697 |
| 1883.. | 11,317 | 14,712 | 209,646 | 871,363 | 1,307,045 | 16,338,063 | 568,960 | 625,856 | 9,575,597 | 2,944,870 | 4,270,062 | 30,957,950 | 1,285,339 | 1,876,595 | 15,951,058 |
| 1884.. | 10,882 | 13,058 | 174,977 | 930,000 | 1,395,000 | 14,382,450 | 574,707 | 459,766 | 7,816,022 | 2,875,000 | 4,025,000 | 25,116,000 | 1,440,000 | 2,016,000 | 14,716,800 |
| 1885.. | 14,147 | 13,298 | 169,284 | 939,300 | 1,127,160 | 12,962,340 | 580,454 | 551,431 | 9,925,758 | 3,306,250 | 4,298,125 | 31,591,219 | 1,468,800 | 1,762,560 | 13,730,342 |
| 1886.. | 31,000 | 31,000 | 418,500 | 967,479 | 1,296,234 | 10,564,307 | 574,649 | 540,402 | 8,160,070 | 3,372,375 | 4,513,031 | 28,883,398 | 2,480,000 | 3,100,000 | 20,150,000 |
| 1887.. | 40,300 | 47,554 | 684,778 | 1,160,975 | 1,509,268 | 17,356,582 | 574,649 | 632,114 | 9,292,076 | 3,406,099 | 2,724,879 | 28,039,005 | 2,356,000 | 2,591,600 | 27,134,052 |
| 1888.. | 41,106 | 51,383 | 637,149 | 1,184,195 | 1,539,454 | 18,519,632 | 563,156 | 574,419 | 8,443,959 | 3,303,916 | 4,625,482 | 35,893,740 | 1,450,000 | 1,812,500 | 18,995,000 |
| 1893.. | 75,055 | 114,084 | 1,282,304 | 1,681,921 | 2,842,446 | 22,370,050 | 517,699 | 512,522 | 8,969,135 | 2,705,681 | 3,273,874 | 29,006,524 | 2,114,391 | 2,875,572 | 26,340,240 |

Note.—Data for the years 1889 to 1892, inclusive, not available.

*a* Not separately stated.

**No. 231.—Estimated Annual Acreage, Product, and Value of the HAY CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1867 to 1888, inclusive, and 1893—Continued.**

| Year. | Iowa. | | | Kansas. | | | Maine. | | | Massachusetts. | | | Michigan. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* |
| 1867.. | 657,894 | 1,250,000 | 7,212,500 | 85,263 | 162,000 | 822,960 | 1,050,000 | 1,050,000 | 15,351,000 | 793,846 | 1,032,000 | 22,827,840 | 1,059,230 | 1,377,000 | 22,224,780 |
| 1868.. | 933,333 | 1,400,000 | 9,100,000 | 81,379 | 118,000 | 962,880 | 1,203,921 | 1,228,000 | 14,736,000 | 881,021 | 1,207,000 | 22,172,590 | 1,178,400 | 1,473,000 | 22,095,000 |
| 1869.. | 887,096 | 1,650,000 | 12,705,000 | 142,857 | 250,000 | 1,387,500 | 1,153,846 | 1,050,000 | 16,012,500 | 858,585 | 850,000 | 20,757,000 | 1,033,333 | 1,550,000 | 19,840,000 |
| 1870.. | 1,194,029 | 1,600,000 | 12,320,000 | 452,136 | 529,000 | 3,798,220 | 1,026,250 | 821,000 | 16,165,490 | 473,831 | 507,000 | 13,252,980 | 1,082,352 | 1,472,000 | 16,442,240 |
| 1871.. | 995,121 | 1,632,000 | 9,938,880 | 361,578 | 687,000 | 3,373,170 | 1,426,086 | 656,000 | 17,056,000 | 421,875 | 405,000 | 11,988,000 | 919,642 | 1,030,000 | 17,849,900 |
| 1872.. | 1,232,592 | 1,664,000 | 10,100,480 | 539,259 | 728,000 | 2,831,920 | 1,211,956 | 1,115,000 | 14,272,000 | 415,178 | 465,000 | 9,937,050 | 981,308 | 1,050,000 | 12,873,000 |
| 1873.. | 1,397,760 | 1,747,200 | 10,920,000 | 651,333 | 977,000 | 3,810,300 | 1,294,839 | 1,204,200 | 14,691,240 | 393,461 | 409,200 | 10,270,920 | 885,652 | 1,018,500 | 14,259,000 |
| 1874.. | 1,432,131 | 1,747,200 | 11,304,384 | 530,000 | 530,000 | 2,045,800 | 1,286,250 | 1,131,900 | 14,861,847 | 447,607 | 523,700 | 11,207,180 | 916,600 | 916,600 | 14,298,960 |
| 1875 . | 1,422,222 | 1,920,000 | 11,097,600 | 711,111 | 960,000 | 2,918,400 | 1,305,263 | 1,240,000 | 13,454,000 | 580,000 | 580,000 | 12,116,200 | 1,016,868 | 1,220,000 | 17,690,000 |
| 1876.. | 1,373,239 | 1,950,000 | 9,750,000 | 720,000 | 864,000 | 4,233,600 | 1,290,612 | 1,264,800 | 14,165,760 | 661,764 | 675,000 | 10,800,000 | 1,057,692 | 1,375,000 | 13,750,000 |
| 1877.. | 1,961,538 | 2,550,000 | 12,112,500 | 700,000 | 1,155,000 | 4,042,500 | 1,264,444 | 1,138,000 | 14,225,000 | 665,000 | 665,000 | 10,108,000 | 878,788 | 1,160,000 | 9,976,000 |
| 1878.. | 1,980,000 | 3,564,000 | 12,830,400 | 850,000 | 1,530,000 | 5,003,100 | 1,260,000 | 1,260,000 | 12,348,000 | 665,000 | 884,450 | 11,497,850 | 882,000 | 1,155,420 | 9,809,516 |
| 1879.. | 2,314,286 | 3,564,000 | 16,180,560 | 897,844 | 1,499,400 | 6,012,594 | 1,094,211 | 1,247,400 | 11,501,028 | 595,321 | 928,700 | 14,859,200 | 662,951 | 808,800 | 10,158,528 |
| 1880.. | 2,007,887 | 2,851,200 | 17,192,736 | 1,127,549 | 1,409,436 | 6,821,670 | 1,284,451 | 1,297,296 | 16,436,740 | 799,714 | 863,691 | 15,831,456 | 563,882 | 800,712 | 9,848,758 |
| 1881.. | 2,833,330 | 3,541,662 | 23,481,219 | 1,442,911 | 1,558,344 | 8,415,058 | 1,094,907 | 941,620 | 11,393,602 | 605,207 | 677,832 | 12,607,675 | 1,151,473 | 1,324,194 | 17,413,151 |
| 1882.. | 3,173,330 | 3,960,412 | 20,267,163 | 1,370,765 | 1,636,261 | 6,545,044 | 1,083,958 | 1,054,614 | 13,393,598 | 611,259 | 681,221 | 12,261,978 | 1,243,591 | 1,456,613 | 17,115,203 |
| 1883.. | 3,363,730 | 4,372,849 | 19,677,821 | 3,500,000 | 5,075,000 | 19,031,250 | 1,083,958 | 1,214,033 | 12,747,347 | 623,484 | 766,885 | 12,576,914 | 1,280,899 | 1,767,641 | 16,439,061 |
| 1884.. | 3,750,000 | 5,062,500 | 21,262,500 | 3,800,000 | 4,940,000 | 20,896,200 | 1,083,958 | 1,029,760 | 12,614,560 | 611,259 | 550,133 | 9,627,328 | 1,243,591 | 1,741,027 | 16,975,013 |
| 1885.. | 3,787,500 | 4,355,625 | 21,124,781 | 3,040,000 | 3,800,000 | 16,150,000 | 1,148,995 | 976,646 | 11,670,920 | 629,597 | 661,077 | 12,229,925 | 1,256,027 | 1,507,232 | 16,142,455 |
| 1886.. | 3,673,875 | 4,137,844 | 20,689,220 | 1,320,000 | 1,848,000 | 8,131,200 | 1,286,874 | 1,103,610 | 12,801,876 | 635,893 | 661,077 | 11,238,309 | 1,419,311 | 1,642,883 | 15,607,389 |
| 1887.. | 3,600,398 | 3,060,338 | 22,524,088 | 1,346,400 | 1,481,040 | 8,590,032 | 1,312,611 | 1,443,872 | 16,084,734 | 642,252 | 770,702 | 12,177,092 | 1,433,504 | 1,720,205 | 18,578,214 |
| 1888.. | 3,636,402 | 5,272,783 | 24,360,257 | 1,548,360 | 1,935,450 | 8,128,890 | 1,319,174 | 1,292,791 | 13,897,503 | 642,252 | 674,365 | 10,621,249 | 1,404,834 | 1,545,317 | 17,307,550 |
| 1893.. | 5,457,335 | 8,662,589 | 53,115,148 | 3,339,282 | 4,374,459 | 20,516,213 | 1,227,702 | 1,129,486 | 13,700,665 | 630,048 | 724,555 | 12,556,538 | 1,280,805 | 1,869,245 | 17,122,284 |

**No. 231.—Estimated Annual Acreage, Product, and Value of the HAY CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1867 to 1888, inclusive, and 1893—Continued.**

| Year. | Minnesota. | | | Missouri. | | | Mississippi. | | | Nebraska. | | | New Hampshire. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* |
| 1867.. | 291,666 | 525,000 | 3,822,000 | 400,000 | 680,000 | 7,554,800 | 30,769 | 40,000 | 657,200 | 18,421 | 35,000 | 193,900 | 798,000 | 798,000 | 11,970,000 |
| 1868.. | 415,714 | 582,000 | 4,074,000 | 465,714 | 652,000 | 7,172,000 | 33,600 | 42,000 | 714,000 | 19,090 | 35,700 | 192,780 | 917,000 | 917,000 | 12,379,500 |
| 1869.. | 337,419 | 523,000 | 4,497,800 | 423,728 | 750,000 | 8,377,500 | 34,482 | 40,000 | 773,200 | 64,705 | 110,000 | 553,300 | 660,377 | 700,000 | 10,500,000 |
| 1870.. | 492,517 | 724,000 | 4,901,480 | 412,403 | 532,000 | 6,820,240 | 28,467 | 39,000 | 828,750 | 103,571 | 145,000 | 812,000 | 541,666 | 520,000 | 10,322,000 |
| 1871.. | 513,548 | 796,000 | 4,990,920 | 349,677 | 542,000 | 5,777,720 | 10,758 | 15,600 | 337,896 | 93,888 | 169,000 | 804,440 | 551,546 | 555,000 | 12,305,000 |
| 1872.. | 594,814 | 803,000 | 4,553,010 | 500,833 | 601,000 | 5,847,730 | 9,920 | 12,400 | 299,336 | 135,000 | 189,000 | 720,090 | 645,098 | 658,000 | 9,646,280 |
| 1873.. | 610,942 | 843,100 | 4,721,360 | 480,800 | 601,000 | 5,709,500 | 10,236 | 13,000 | 263,250 | 141,714 | 198,400 | 892,800 | 689,333 | 723,800 | 10,857,000 |
| 1874.. | 605,778 | 817,800 | 4,170,780 | 478,780 | 588,900 | 7,096,245 | 10,400 | 13,000 | 274,170 | 150,417 | 180,500 | 855,570 | 685,000 | 767,200 | 10,073,336 |
| 1875.. | 634,814 | 857,000 | 4,499,250 | 538,461 | 700,000 | 7,196,000 | 14,666 | 22,000 | 374,000 | 250,000 | 350,000 | 1,277,500 | 821,052 | 780,000 | 9,991,800 |
| 1876.. | 757,142 | 1,060,000 | 5,300,000 | 555,555 | 750,000 | 6,390,000 | 17,407 | 23,500 | 383,285 | 271,428 | 380,000 | 1,280,600 | 780,000 | 702,000 | 8,620,560 |
| 1877.. | 891,667 | 1,070,000 | 5,617,500 | 750,000 | 1,050,000 | 7,350,000 | 18,214 | 25,500 | 408,000 | 327,586 | 475,000 | 1,733,750 | 650,000 | 715,000 | 8,437,000 |
| 1878.. | 936,000 | 1,609,920 | 7,614,922 | 1,000,000 | 1,620,000 | 10,416,600 | 18,000 | 27,720 | 441,025 | 330,000 | 620,400 | 2,041,116 | 650,000 | 637,000 | 5,669,300 |
| 1879.. | 1,025,414 | 1,609,900 | 7,630,926 | 993,396 | 1,053,000 | 9,929,790 | 15,814 | 27,200 | 403,376 | 339,016 | 620,400 | 2,003,892 | 612,233 | 630,600 | 5,946,558 |
| 1880.. | 871,659 | 1,577,702 | 9,466,212 | 819,836 | 1,147,770 | 10,605,395 | 17,570 | 28,288 | 398,203 | 409,104 | 564,564 | 2,038,076 | 658,627 | 592,764 | 7,925,255 |
| 1881.. | 1,345,597 | 1,587,805 | 11,352,806 | 969,712 | 1,066,683 | 13,333,537 | 7,889 | 9,072 | 149,416 | 667,618 | 801,142 | 3,605,139 | 628,419 | 565,577 | 6,645,530 |
| 1882.. | 1,359,053 | 1,746,585 | 10,042,864 | 1,066,683 | 1,194,685 | 9,079,606 | 9,625 | 10,886 | 157,847 | 680,970 | 841,199 | 2,733,897 | 615,851 | 622,135 | 7,932,221 |
| 1883.. | 1,522,139 | 2,054,888 | 9,246,996 | 1,120,017 | 1,400,021 | 9,100,137 | 10,106 | 13,643 | 191,002 | 749,067 | 1,123,601 | 3,932,604 | 603,534 | 597,499 | 6,423,114 |
| 1884.. | 1,950,000 | 2,730,000 | 12,093,900 | 1,250,000 | 1,625,000 | 10,237,500 | 9,625 | 12,513 | 154,536 | 1,975,000 | 2,567,500 | 8,934,900 | 615,851 | 585,058 | 7,605,754 |
| 1885.. | 2,047,500 | 2,457,000 | 11,425,050 | 1,312,500 | 1,575,000 | 11,418,750 | 11,069 | 11,069 | 130,061 | 1,994,750 | 2,593,175 | 9,102,044 | 658,961 | 527,169 | 6,721,405 |
| 1886.. | 480,000 | 600,000 | 2,820,000 | 1,338,750 | 1,464,750 | 10,253,250 | 27,000 | 28,350 | 351,540 | 960,000 | 1,392,000 | 5,220,000 | 678,730 | 548,256 | 6,579,072 |
| 1887.. | 494,400 | 593,280 | 3,583,411 | 1,472,625 | 1,767,150 | 14,508,302 | 37,800 | 52,920 | 602,230 | 1,008,000 | 1,209,600 | 5,116,608 | 685,517 | 754,069 | 7,917,725 |
| 1888.. | 1,625,000 | 2,112,500 | 8,978,125 | 1,502,078 | 1,802,494 | 13,266,356 | 45,360 | 58,968 | 714,692 | 1,108,800 | 1,441,440 | 5,405,400 | 678,662 | 644,729 | 6,769,655 |
| 1893.. | 1,723,273 | 2,791,702 | 12,758,078 | 2,944,553 | 3,651,246 | 25,704,772 | 82,113 | 135,486 | 1,302,020 | 2,071,730 | 2,589,663 | 12,611,659 | 634,487 | 672,556 | 10,491,874 |

**No. 231.—Estimated Annual Acreage, Product, and Value of the Hay Crop in the Principal and all other States and Territories, from 1867 to 1888, inclusive, and 1893—Continued.**

| Year. | New Jersey. | | | New York. | | | Ohio. | | | Pennsylvania. | | | Texas. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* |
| 1867.. | 346,153 | 450,000 | 9,958,500 | 4,441,666 | 5,330,000 | 93,115,100 | 1,585,000 | 2,219,000 | 27,338,080 | 1,864,615 | 2,424,000 | 35,947,920 | 10,000 | 17,000 | 282,200 |
| 1868.. | 347,142 | 486,000 | 9,234,000 | 4,500,000 | 4,500,000 | 67,500,000 | 1,561,538 | 2,030,000 | 28,014,000 | 1,813,333 | 2,448,000 | 39,168,000 | 13,840 | 17,300 | 173,000 |
| 1869.. | 350,000 | 525,000 | 10,605,000 | 2,987,012 | 4,600,000 | 58,236,000 | 1,388,888 | 2,000,000 | 21,800,000 | 1,822,695 | 2,570,000 | 38,164,500 | 16,568 | 28,000 | 397,040 |
| 1870.. | 395,000 | 553,000 | 10,750,320 | 3,651,219 | 4,491,000 | 77,290,110 | 1,467,938 | 1,923,000 | 21,191,460 | 2,103,076 | 2,734,000 | 35,678,700 | 15,625 | 25,000 | 384,000 |
| 1871.. | 310,000 | 403,000 | 10,760,100 | 3,459,836 | 4,221,000 | 81,971,820 | 1,418,032 | 1,730,000 | 20,604,300 | 2,204,301 | 2,050,000 | 42,558,000 | 21,028 | 22,500 | 547,425 |
| 1872.. | 314,782 | 362,000 | 11,439,200 | 3,612,800 | 4,516,000 | 83,997,600 | 1,730,000 | 1,730,000 | 74,963,900 | 2,133,673 | 2,091,000 | 47,758,440 | 30,442 | 34,400 | 465,088 |
| 1873.. | 404,175 | 416,300 | 10,199,350 | 4,117,451 | 4,199,800 | 75,596,400 | 1,812,381 | 1,903,000 | 27,802,830 | 2,127,304 | 2,446,400 | 48,545,920 | 36,667 | 55,000 | 701,250 |
| 1874.. | 385,407 | 520,300 | 8,439,266 | 4,070,615 | 5,291,800 | 69,322,580 | 1,839,555 | 1,655,600 | 29,502,792 | 2,087,845 | 2,421,900 | 51,293,395 | 44,286 | 62,000 | 677,040 |
| 1875.. | 490,000 | 490,000 | 10,466,400 | 4,188,034 | 4,900,000 | 68,600,000 | 1,727,282 | 1,900,000 | 24,643,000 | 2,181,818 | 2,400,000 | 41,088,000 | 60,000 | 75,000 | 937,500 |
| 1876.. | 491,666 | 590,000 | 9,381,000 | 4,869,565 | 5,600,000 | 62,720,000 | 1,625,000 | 1,950,000 | 16,419,000 | 2,357,723 | 2,900,000 | 35,264,000 | 57,971 | 80,000 | 900,800 |
| 1877.. | 462,231 | 610,000 | 8,601,000 | 4,375,000 | 5,250,000 | 50,400,000 | 1,680,000 | 2,100,000 | 16,884,000 | 2,516,667 | 3,020,000 | 29,294,000 | 60,000 | 75,000 | 806,250 |
| 1878.. | 470,000 | 681,500 | 7,339,755 | 4,800,000 | 6,480,000 | 48,016,800 | 2,008,000 | 3,032,080 | 19,769,162 | 2,650,000 | 4,107,500 | 33,106,450 | 80,000 | 127,200 | 1,240,200 |
| 1879 . | 528,880 | 661,100 | 8,495,135 | 5,306,897 | 6,156,000 | 60,267,240 | 2,099,145 | 2,456,000 | 26,156,400 | 2,544,179 | 3,409,200 | 43,910,496 | 121,296 | 131,000 | 1,524,840 |
| 1880.. | 494,156 | 489,214 | 9,353,772 | 4,853,769 | 5,047,920 | 80,261,928 | 1,782,581 | 2,210,400 | 26,878,464 | 2,548,935 | 2,727,360 | 44,728,704 | 101,813 | 196,500 | 1,768,500 |
| 1881.. | 509,010 | 529,370 | 10,455,057 | 4,913,028 | 5,502,591 | 80,062,699 | 2,147,753 | 2,255,141 | 29,091,319 | 2,658,291 | 2,924,120 | 39,563,344 | 53,122 | 62,684 | 730,269 |
| 1882.. | 514,100 | 513,489 | 8,857,685 | 4,962,158 | 5,777,721 | 70,777,082 | 2,255,141 | 2,751,272 | 26,412,211 | 2,711,457 | 3,187,291 | 38,247,492 | 70,652 | 81,489 | 876,007 |
| 1883.. | 508,959 | 610,751 | 8,397,826 | 4,962,158 | 6,053,833 | 63,565,247 | 2,300,244 | 3,220,342 | 30,593,249 | 2,738,572 | 3,286,286 | 34,341,689 | 77,717 | 107,249 | 1,136,338 |
| 1884.. | 514,100 | 616,920 | 9,099,570 | 4,962,158 | 5,458,374 | 68,229,675 | 2,450,000 | 3,185,000 | 31,850,000 | 2,711,457 | 3,253,748 | 39,044,976 | 70,652 | 84,782 | 869,016 |
| 1885.. | 519,241 | 493,279 | 8,139,104 | 4,962,158 | 5,210,266 | 66,430,892 | 2,499,000 | 2,748,900 | 31,447,416 | 2,738,572 | 2,738,572 | 36,970,722 | 88,315 | 83,899 | 904,431 |
| 1886.. | 503,664 | 517,943 | 6,733,259 | 5,111,023 | 5,418,677 | 58,250,778 | 2,573,970 | 3,106,257 | 27,956,313 | 2,711,186 | 3,067,201 | 35,272,812 | 101,562 | 92,289 | 876,746 |
| 1887.. | 493,591 | 616,989 | 7,798,741 | 5,059,913 | 5,818,900 | 62,611,364 | 2,573,970 | 3,088,764 | 31,650,831 | 2,738,298 | 3,422,873 | 38,712,694 | 132,031 | 171,640 | 1,716,400 |
| 1888.. | 488,655 | 586,386 | 7,476,422 | 4,933,415 | 5,426,757 | 61,051,016 | 2,573,970 | 2,960,066 | 33,034,337 | 2,724,607 | 2,997,068 | 32,967,748 | 151,836 | 189,795 | 1,465,217 |
| 1893.. | 532,162 | 526,840 | 9,182,821 | 5,885,652 | 7,298,208 | 82,688,697 | 2,486,295 | 3,306,772 | 33,233,059 | 3,085,850 | 3,178,426 | 45,769,334 | 452,687 | 470,794 | 4,519,622 |

**No. 231.—Estimated Annual Acreage, Product, and Value of the HAY CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1867 to 1888, inclusive, and 1893—Continued.**

| Year. | Vermont. | | | Wisconsin. | | | All other. | | | TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* | *Acres.* | *Tons.* | *Dollars.* |
| 1867 | 1,000,000 | 1,000,000 | 15,360,000 | 856,250 | 1,370,000 | 15,220,700 | 1,446,617 | 1,833,000 | 25,657,440 | 20,020,554 | 26,277,000 | 372,864,670 |
| 1868 | 990,196 | 1,010,000 | 14,645,000 | 1,061,668 | 1,274,000 | 14,014,000 | 1,114,163 | 1,356,900 | 21,109,430 | 21,541,573 | 26,141,900 | 351,941,930 |
| 1869 | 956,521 | 1,100,000 | 14,300,000 | 1,006,896 | 1,460,000 | 15,330,000 | 1,022,563 | 1,376,000 | 21,912,260 | 18,591,281 | 26,420,000 | 337,662,600 |
| 1870 | 1,019,791 | 979,000 | 14,195,500 | 912,686 | 1,223,000 | 12,755,890 | 1,321,379 | 1,729,000 | 26,940,180 | 19,861,805 | 24,525,000 | 338,969,680 |
| 1871 | 844,117 | 861,000 | 15,067,500 | 927,586 | 1,345,000 | 14,297,350 | 1,283,506 | 1,509,700 | 27,562,934 | 19,009,052 | 22,239,400 | 351,717,035 |
| 1872 | 875,000 | 1,015,000 | 13,195,000 | 1,051,127 | 1,398,000 | 13,728,360 | 1,283,726 | 1,425,100 | 26,472,208 | 20,318,936 | 23,812,800 | 345,969,079 |
| 1873 | 812,000 | 893,200 | 11,951,016 | 1,053,846 | 1,370,000 | 13,015,000 | 1,374,670 | 1,580,100 | 24,958,900 | 21,894,084 | 25,085,100 | 339,895,486 |
| 1874 | 853,947 | 973,500 | 11,487,300 | 1,058,636 | 1,164,500 | 11,726,515 | 1,333,142 | 1,472,900 | 25,495,262 | 21,769,772 | 24,133,900 | 331,420,738 |
| 1875 | 1,063,157 | 1,010,000 | 10,403,000 | 1,051,851 | 1,420,000 | 13,532,600 | 1,364,759 | 1,667,600 | 25,905,135 | 23,507,964 | 27,873,600 | 342,203 445 |
| 1876 | 1,060,500 | 1,060,500 | 10,933,755 | 1,095,000 | 1,533,000 | 11,880,750 | 1,614,191 | 2,010,300 | 25,159,642 | 25,282,797 | 30,867,100 | 300,901,252 |
| 1877 | 1,071,428 | 1,050,000 | 10,605,000 | 1,038,461 | 1,350,000 | 9,450,000 | 1,575,339 | 2,021,300 | 22,374,630 | 25,367,708 | 31,629,300 | 271,934,950 |
| 1878 | 1,072,000 | 1,222,080 | 10,815,408 | 900,000 | 1,395,000 | 9,165.150 | 1,644,300 | 2,294,326 | 23,827,386 | 26,931,300 | 39,608,296 | 285,543,752 |
| 1879 | 1,145,045 | 1,271,000 | 10,371,360 | 852,500 | 1,227,600 | 10,532,808 | 1,540,330 | 1,936,700 | 24,495,074 | 27,484,991 | 35,493,000 | 330,804,494 |
| 1880 | 1,094,472 | 1,182,030 | 12,293,112 | 738,406 | 962,080 | 9,820,800 | 1,417,861 | 1,826,008 | 24,527,599 | 25,363,955 | 31,925,233 | 371,811,084 |
| 1881 | 936,508 | 1,030,159 | 11,537,781 | 1,633,034 | 1,877,989 | 20,319,841 | 2,295,542 | 2,631,353 | 38,181,413 | 30,898,700 | 35,135,064 | 415,131,366 |
| 1882 | 955,238 | 1,009,556 | 11,842,092 | 1,633,034 | 1,896,769 | 11,380,614 | 2,625,307 | 3,040,458 | 32,612,446 | 32,339,585 | 38,138,049 | 369,958,158 |
| 1883 | 964,790 | 1,148,100 | 11,021,760 | 1,682,025 | 2,354,835 | 16,483,845 | 2,742,700 | 3,602,283 | 35,895,436 | 35.515,948 | 46,864,009 | 383,834,451 |
| 1884 | 955,238 | 955,238 | 11,462,856 | 1,633,034 | 2,122,944 | 13,162,253 | 3,155,081 | 4,041,139 | 39,812,523 | 38,571,593 | 48,470,460 | 396,139,309 |
| 1885 | 1,003,000 | 902,700 | 9,929,700 | 1,682,025 | 1,850,228 | 12,951,596 | 4,161,540 | 4,487,139 | 38,484,678 | 39,849,701 | 44,731,550 | 389,752,878 |
| 1886 | 1,023,060 | 965,889 | 10,045,246 | 1,732,486 | 1,924,237 | 16,548,438 | 3,498,801 | 3,796,569 | 35,885,976 | 36,501,688 | 41,796,499 | 353,437,699 |
| 1887 | 1,043,521 | 1,252,225 | 11,946,227 | 1,749,811 | 1,399,849 | 14,418,445 | 4,302,074 | 5,324,627 | 52,387,652 | 37,664,739 | 41,454,458 | 413,440,283 |
| 1888 | 1,038,303 | 1,038,303 | 9,760,048 | 1,732,313 | 2,165,391 | 15,907,354 | 4,895,509 | 5,895,253 | 54,998,266 | 38,591,903 | 46,643,094 | 406,499,565 |
| 1893 | 926,659 | 1,028,591 | 10,933,922 | 1,518,986 | 2,308,859 | 16,623,785 | 8,239,603 | 11,468,183 | 100,084,128 | 49,613,469 | 65,766,158 | 570,882,872 |

## No. 232.—Estimated Annual Acreage, Product, and Value of the Potato Crop in the Principal and all other States and Territories, from 1867 to 1888, inclusive, and 1893.

[From the Annual Reports of the Department of Agriculture.]

| Year. | California. | | | Connecticut. | | | Dakota. | | | Illinois. | | | Indiana. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1867.. | *a* ..... | *a* ..... | *a* ..... | 14,147 | 962,000 | 1,058,200 | *a* ..... | *a* ..... | *a* ..... | 60,710 | 3,673,000 | 4,407,600 | 42,267 | 3,094,000 | 3,001,180 |
| 1868.. | 23,800 | 2,142,000 | 1,199,520 | 14,957 | 1,750,000 | 1,592,500 | *a* ..... | *a* ..... | *a* ..... | 53,521 | 3,800,000 | 3,078,000 | 35,227 | 3,100,000 | 2,325,000 |
| 1869.. | 19,200 | 2,400,000 | 1,896,000 | 23,148 | 2,600,000 | 1,575,000 | *a* ..... | *a* ..... | *a* ..... | 72,815 | 7,500,000 | 3,075,000 | 44,811 | 4,750,000 | 2,090,000 |
| 1870.. | 12,317 | 1,823,000 | 2,461,050 | 23,684 | 1,729,000 | 1,711,710 | *a* ..... | *a* ..... | *a* ..... | 104,037 | 8,427,000 | 5,393,280 | 57,000 | 2,565,000 | 2,128,950 |
| 1871.. | 11,032 | 1,677,000 | 1,526,070 | 18,264 | 1,936,000 | 1,316,480 | *a* ..... | *a* ..... | *a* ..... | 117,409 | 7,162,000 | 6,087,700 | 38,062 | 2,436,000 | 1,997,520 |
| 1872.. | 33,203 | 1,900,000 | 2,147,000 | 18,190 | 1,819,000 | 1,491,580 | *a* ..... | *a* ..... | *a* ..... | 128,906 | 9,668,000 | 4,447,280 | 40,014 | 2,801,000 | 1,512,540 |
| 1873.. | 25,454 | 2,800,000 | 2,380,000 | 23,433 | 2,273,000 | 1,886,590 | *a* ..... | *a* ..... | *a* ..... | 137,750 | 5,510,000 | 6,171,200 | 45,000 | 2,520,000 | 2,142,000 |
| 1874.. | 22,400 | 2,688,000 | 2,983,680 | 25,971 | 2,727,000 | 1,963,440 | *a* ..... | *a* ..... | *a* ..... | 135,236 | 7,438,000 | 6,173,540 | 34,850 | 2,091,000 | 1,693,710 |
| 1875.. | 29,166 | 3,500,000 | 3,290,000 | 26,481 | 2,860,000 | 1,601,606 | *a* ..... | *a* ..... | *a* ..... | 118,750 | 15,200,000 | 4,864,000 | 42,788 | 5,450,000 | 1,962,000 |
| 1876.. | 32,000 | 4,000,000 | 3,320,000 | 26,153 | 1,700,000 | 1,649,000 | *a* ..... | *a* ..... | *a* ..... | 126,000 | 9,450,000 | 5,764,500 | 66,153 | 4,800,000 | 2,408,000 |
| 1877.. | 32,000 | 3,200,000 | 2,400,000 | 28,000 | 2,100,000 | 1,386,000 | *a* ..... | *a* ..... | *a* ..... | 138,000 | 12,834,000 | 5,646,960 | 69,047 | 5,800,000 | 2,204,000 |
| 1878.. | 38,400 | 4,377,600 | 4,290,048 | 29,700 | 1,336,500 | 1,309,770 | *a* ..... | *a* ..... | *a* ..... | 139,400 | 9,339,800 | 4,296,308 | 60,000 | 3,840,000 | 1,804,800 |
| 1879.. | 39,700 | 4,247,900 | 2,761,134 | 31,500 | 3,087,000 | 1,636,110 | *a* ..... | *a* ..... | *a* ..... | 144,900 | 12,751,200 | 6,375,600 | 60,000 | 4,080,000 | 1,672,800 |
| 1880.. | 39,300 | 5,502,000 | 4,346,580 | 32,130 | 2,795,310 | 1,677,186 | *a* ..... | *a* ..... | *a* ..... | 149,250 | 11,193,750 | 6,156,562 | 58,800 | 3,469,200 | 2,046,828 |
| 1881.. | 52,697 | 4,479,245 | 3,583,396 | 32,051 | 2,083,315 | 2,124,981 | *a* ..... | *a* ..... | *a* ..... | 131,718 | 6,322,464 | 6,638,587 | 84,626 | 2,961,910 | 3,139,625 |
| 1882.. | 53,751 | 4,434,458 | 2,660,672 | 32,372 | 2,479,145 | 2,032,899 | 10,500 | 1,118,500 | 425,030 | 138,304 | 11,696,558 | 5,848,279 | 89,704 | 7,227,060 | 3,613,530 |
| 1883.. | 54,826 | 4,440,906 | 2,664,544 | 36,257 | 3,625,700 | 1,921,621 | 12,285 | 1,265,355 | 379,607 | 141,070 | 12,978,440 | 4,672,238 | 94,189 | 8,477,010 | 2,797,413 |
| 1884.. | 58,664 | 5,573,000 | 3,343,800 | 31,544 | 2,555,000 | 1,533,000 | 14,128 | 1,342,000 | 429,440 | 135,427 | 10,699,000 | 3,637,660 | 92,305 | 7,015,000 | 2,455,250 |
| 1885.. | 57,491 | 4,887,000 | 3,078,643 | 31,229 | 2,811,000 | 1,545,336 | 36,000 | 2,700,000 | 1,134,000 | 142,198 | 12,371,000 | 5,195,915 | 94,151 | 6,779,000 | 2,440,394 |
| 1886.. | 60,940 | 4,753,000 | 3,136,980 | 31,541 | 2,208,000 | 1,324,800 | 46,800 | 3,042,000 | 1,764,360 | 137,932 | 9,241,000 | 3,973,630 | 94,151 | 6,779,000 | 2,576,020 |
| 1887.. | 63,378 | 5,070,000 | 2,889,900 | 32,172 | 2,349,000 | 2,114,100 | 49,608 | 5,209,000 | 2,239,870 | 140,691 | 4,643,000 | 4,178,700 | 96,034 | 3,169,000 | 3,010,550 |
| 1888.. | 60,843 | 4,442,000 | 2,709,339 | 33,459 | 2,677,000 | 1,418,662 | 58,041 | 4,643,000 | 1,625,148 | 146,319 | 11,706,000 | 4,213,987 | 78,748 | 5,749,000 | 2,184,470 |
| 1893.. | 37,203 | 3,571,488 | 1,785,744 | 24,310 | 2,114,970 | 1,586,228 | {*b* 44,045<br>*c* 19,550 | {*b* 2,378,430<br>*c* 1,348,950 | {*b* 1,403,274}<br>*c* 660,986} | 160,461 | 8,504,433 | 6,298,280 | 101,501 | 5,176,551 | 3,778,882 |

*a* Not separately stated. *b* South Dakota. *c* North Dakota.

TERRITORIES, FROM 1867 TO 1888, INCLUSIVE, AND 1893—Continued.

| Year. | Iowa. | | | Kansas. | | | Kentucky. | | | Maine. | | | Maryland. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1867.. | 30,919 | 3,361,000 | 2,655,190 | 2,880 | 314,000 | 320,280 | 25,364 | 1,286,000 | 1,260,280 | 40,450 | 3,503,000 | 3,257,790 | 16,971 | 1,205,000 | 1,325,500 |
| 1868.. | 35,104 | 3,370,000 | 2,123,100 | 10,000 | 850,000 | 799,000 | 26,250 | 2,100,000 | 1,407,000 | 42,307 | 5,500,000 | 4,290,000 | 12,819 | 1,205,000 | 1,120,650 |
| 1869.. | 36,585 | 4,500,000 | 2,295,000 | 10,067 | 1,500,000 | 690,000 | 30,434 | 2,100,000 | 1,113,000 | 58,593 | 7,500,000 | 3,900,000 | 14,383 | 1,050,000 | 672,000 |
| 1870.. | 49,263 | 4,680,000 | 2,433,600 | 29,613 | 3,139,000 | 1,757,840 | 23,076 | 1,800,000 | 1,134,000 | 52,216 | 6,527,000 | 4,307,820 | 13,388 | 897,000 | 807,300 |
| 1871.. | 46,442 | 6,084,000 | 2,311,920 | 35,587 | 3,452,000 | 2,381,880 | 30,782 | 2,124,000 | 1,656,720 | 51,478 | 7,310,000 | 3,362,600 | 17,042 | 1,210,000 | 859,100 |
| 1872.. | 55,258 | 6,631,000 | 1,458,820 | 42,188 | 3,797,000 | 1,594,740 | 30,642 | 2,145,000 | 1,244,100 | 48,733 | 8,655,000 | 2,485,400 | 19,396 | 1,028,000 | 904,640 |
| 1873.. | 75,341 | 3,315,000 | 2,917,200 | 30,000 | 3,000,000 | 2,820,000 | 31,582 | 1,737,000 | 1,076,940 | 25,615 | 2,997,000 | 1,558,440 | 16,700 | 1,336,000 | 935,200 |
| 1874.. | 76,286 | 4,806,000 | 2,403,000 | 46,500 | 1,116,000 | 1,299,920 | 20,761 | 955,000 | 945,450 | 37,398 | 4,600,000 | 2,484,000 | 17,620 | 881,000 | 687,180 |
| 1875.. | 79,090 | 8,700,000 | 2,088,000 | 40,000 | 4,480,000 | 1,209,600 | 16,836 | 1,650,000 | 808,500 | 54,299 | 5,810,000 | 2,440,200 | 17,361 | 1,250,000 | 675,000 |
| 1876.. | 87,500 | 7,000,000 | 5,600,000 | 50,342 | 5,286,000 | 2,643,000 | 25,609 | 2,100,000 | 1,029,000 | 58,680 | 5,868,000 | 3,696,840 | 17,968 | 1,150,000 | 839,500 |
| 1877.. | 95,000 | 9,500,000 | 3,610,000 | 44,444 | 3,200,000 | 1,984,000 | 27,586 | 2,400,000 | 1,032,000 | 70,000 | 7,000,000 | 3,320,000 | 16,944 | 1,525,000 | 1,021,720 |
| 1878.. | 100,100 | 10,070,000 | 2,618,200 | 53,400 | 4,539,000 | 1,997,160 | 28,400 | 2,130,000 | 979,800 | 51,800 | 3,833,200 | 2,798,236 | 16,800 | 1,041,600 | 666,624 |
| 1879.. | 105,700 | 9,070,200 | 2,908,864 | 52,300 | 4,184,000 | 3,305,360 | 27,500 | 1,815,000 | 925,650 | 51,800 | 6,993,000 | 2,937,060 | 16,300 | 1,532,200 | 919,320 |
| 1880.. | 107,810 | 10,241,950 | 3,789,521 | 57,010 | 3,990,700 | 3,152,653 | 26,400 | 1,716,000 | 840,840 | 48,170 | 5,154,190 | 2,474,011 | 16,460 | 855,920 | 479,315 |
| 1881.. | 118,930 | 6,541,150 | 6,671,973 | 69,147 | 2,627,586 | 3,415,862 | 43,319 | 1,602,803 | 1,602,803 | 64,274 | 3,342,248 | 2,573,531 | 20,415 | 959,905 | 988,702 |
| 1882.. | 128,444 | 10,792,897 | 4,101,301 | 63,615 | 3,993,931 | 2,196,662 | 52,668 | 2,320,933 | 1,325,389 | 66,845 | 6,684,496 | 5,013,372 | 20,619 | 1,574,244 | 1,070,486 |
| 1883.. | 134,866 | 13,216,868 | 3,700,723 | 79,519 | 6,361,520 | 3,307,990 | 53,195 | 4,255,600 | 1,829,908 | 70,856 | 8,219,296 | 3,945,262 | 21,238 | 1,656,564 | 745,454 |
| 1884.. | 137,563 | 12,518,000 | 3,505,040 | 85,085 | 7,402,000 | 3,330,900 | 51,067 | 3,728,000 | 1,491,200 | 60,228 | 5,842,000 | 2,687,320 | 20,176 | 1,412,000 | 706,000 |
| 1885.. | 137,563 | 12,381,000 | 5,076,075 | 87,638 | 7,011,000 | 3,645,741 | 50,556 | 3,387,000 | 1,422,646 | 62,035 | 6,204,000 | 2,605,470 | 20,378 | 1,528,000 | 748,892 |
| 1886.. | 140,314 | 7,577,000 | 3,561,190 | 99,031 | 5,744,000 | 3,733,600 | 51,567 | 3,455,000 | 1,278,350 | 62,035 | 6,514,000 | 3,582,700 | 20,786 | 1,393,000 | 640,780 |
| 1887.. | 144,523 | 7,949,000 | 4,928,380 | 108,934 | 6,427,000 | 4,498,900 | 51,051 | 2,297,000 | 1,906,510 | 68,239 | 4,436,000 | 3,060,840 | 20,994 | 1,323,000 | 727,650 |
| 1888.. | 187,880 | 16,909,000 | 4,903,668 | 139,436 | 9,063,000 | 4,350,403 | 52,072 | 3,228,000 | 1,646,517 | 71,651 | 7,882,000 | 3,625,541 | 21,204 | 1,654,000 | 760,800 |
| 1893.. | 168,195 | 9,755,310 | 6,340,952 | 106,091 | 4,668,004 | 3,687,723 | 46,840 | 3,185,120 | 1,783,667 | 51,905 | 6,228,600 | 3,363,444 | 25,421 | 1,245,629 | 847,028 |

**No. 232.**—ESTIMATED ANNUAL ACREAGE, PRODUCT, AND VALUE OF THE POTATO CROP IN THE PRINCIPAL AND ALL OTHER STATES AND TERRITORIES, FROM 1867 TO 1888, INCLUSIVE, AND 1893—Continued.

| Year. | Massachusetts. | | | Michigan. | | | Minnesota. | | | Missouri. | | | Nebraska. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1867.. | 27,218 | 2,613,000 | 2,900,430 | 58,974 | 5,750,000 | 4,197,500 | 28,636 | 3,150,000 | 2,809,000 | 15,047 | 1,112,000 | 1,078,640 | 1,136 | 108,000 | 143,640 |
| 1868.. | 34,913 | 4,050,000 | 3,766,500 | 60,106 | 5,650,000 | 3,164,000 | 21,523 | 3,250,000 | 1,982,500 | 11,555 | 1,040,000 | 936,000 | 4,545 | 300,000 | 315,000 |
| 1869.. | 40,566 | 4,300,000 | 2,924,000 | 48,387 | 7,500,000 | 2,775,000 | 26,785 | 3,000,000 | 2,160,000 | 17,391 | 2,000,000 | 940,000 | 3,928 | 550,000 | 220,000 |
| 1870.. | 25,090 | 2,208,000 | 2,119,680 | 73,684 | 7,000,000 | 4,060,000 | 24,037 | 1,274,000 | 1,210,300 | 21,359 | 2,200,000 | 1,232,000 | 8,180 | 769,000 | 430,640 |
| 1871.. | 19,269 | 2,428,000 | 1,651,040 | 87,500 | 5,950,000 | 4,938,500 | 14,186 | 1,745,000 | 680,550 | 43,717 | 3,410,000 | 2,182,400 | 7,435 | 992,000 | 295,040 |
| 1872.. | 21,421 | 2,185,000 | 1,922,800 | 91,045 | 6,009,000 | 3,785,670 | 22,383 | 2,216,000 | 576,160 | 39,637 | 3,171,000 | 1,585,500 | 8,709 | 958,000 | 268,240 |
| 1873.. | 19,400 | 2,425,000 | 1,697,500 | 92,133 | 6,910,000 | 5,251,600 | 29,293 | 2,900,000 | 1,827,000 | 48,395 | 1,839,000 | 1,599,930 | 13,678 | 383,000 | 375,340 |
| 1874.. | 22,263 | 2,449,000 | 1,689,810 | 87,368 | 7,601,000 | 4,788,630 | 35,214 | 2,465,000 | 1,207,850 | 50,550 | 2,022,000 | 1,718,700 | 8,333 | 275,000 | 283,250 |
| 1875.. | 23,333 | 3,500,000 | 1,820,000 | 85,000 | 10,625,000 | 3,293,750 | 36,000 | 4,500,000 | 1,305,000 | 57,272 | 6,300,000 | 2,331,000 | 15,000 | 1,950,000 | 370,500 |
| 1876.. | 32,500 | 3,250,000 | 2,697,500 | 86,363 | 4,750,000 | 3,420,000 | 32,291 | 3,100,000 | 1,116,000 | 71,052 | 5,400,000 | 2,268,000 | 18,181 | 1,400,000 | 448,000 |
| 1877.. | 32,524 | 3,415,000 | 2,049,000 | 92,771 | 7,700,000 | 2,772,000 | 34,848 | 2,300,000 | 1,012,000 | 69,444 | 6,250,000 | 2,750,000 | 14,286 | 1,500,000 | 600,000 |
| 1878.. | 34,100 | 2,046,000 | 1,902,780 | 91,000 | 6,916,000 | 3,319,680 | 35,900 | 3,877,200 | 1,085,616 | 72,200 | 5,415,000 | 2,057,700 | 14,000 | 1,750,000 | 402,500 |
| 1879.. | 40,800 | 4,243,200 | 2,376,192 | 97,300 | 10,994,900 | 4,507,909 | 36,600 | 5,050,800 | 1,262,700 | 75,800 | 6,897,800 | 3,310,944 | 15,000 | 1,215,000 | 437,400 |
| 1880.. | 41,620 | 5,244,120 | 2,674,501 | 97,300 | 10,897,600 | 4,468,016 | 36,970 | 4,880,040 | 1,659,214 | 78,830 | 6,621,720 | 3,112,208 | 15,750 | 1,086,750 | 662,917 |
| 1881.. | 32,986 | 1,814,230 | 1,814,230 | 131,589 | 7,632,162 | 6,105,730 | 52,962 | 5,031,390 | 3,270,403 | 68,279 | 2,662,881 | 2,982,427 | 31,182 | 1,496,736 | 1,466,801 |
| 1882.. | 33,646 | 2,939,053 | 2,498,195 | 138,168 | 12,364,102 | 5,316,564 | 55,610 | 5,132,018 | 1,898,847 | 72,376 | 5,192,618 | 2,284,752 | 37,418 | 3,143,146 | 1,037,238 |
| 1883.. | 37,684 | 4,522,080 | 2,532,365 | 142,313 | 11,811,979 | 4,842,911 | 58,390 | 5,839,000 | 1,576,530 | 75,995 | 6,535,570 | 2,614,228 | 42,282 | 3,467,124 | 1,040,137 |
| 1884.. | 33,916 | 3,154,000 | 2,050,100 | 146,582 | 13,192,000 | 8,298,000 | 61,310 | 5,579,000 | 1,506,330 | 78,275 | 6,653,000 | 2,195,490 | 47,356 | 4,309,000 | 1,249,610 |
| 1885.. | 34,255 | 3,426,000 | 1,952,535 | 148,048 | 12,880,000 | 4,379,200 | 61,923 | 5,263,000 | 2,105,382 | 78,275 | 6,653,000 | 2,594,816 | 48,777 | 3,951,000 | 1,422,337 |
| 1886.. | 33,912 | 3,425,000 | 2,123,500 | 146,568 | 11,725,000 | 4,572,750 | 63,161 | 5,306,000 | 1,963,220 | 82,189 | 4,109,000 | 1,725,780 | 54,630 | 3,278,000 | 1,311,200 |
| 1887.. | 35,608 | 2,350,000 | 2,162,000 | 149,499 | 4,485,000 | 3,229,200 | 64,424 | 4,961,000 | 2,778,160 | 83,833 | 5,030,000 | 3,118,600 | 63,371 | 4,436,000 | 2,572,880 |
| 1888.. | 35,964 | 3,632,000 | 1,997,800 | 119,599 | 8,611,000 | 2,841,672 | 82,463 | 7,587,000 | 2,275,979 | 86,348 | 6,044,000 | 2,175,970 | 84,283 | 6,321,000 | 2,275,641 |
| 1893.. | 29,349 | 3,492,531 | 2,654,324 | 195,700 | 14,677,500 | 6,604,875 | 114,167 | 7,535,022 | 3,466,110 | 90,443 | 7,054,554 | 4,021,096 | 112,853 | 4,965,532 | 3,922,770 |

TERRITORIES, FROM 1867 TO 1886, INCLUSIVE, AND 1893—Continued.

| Year. | New Hampshire. | | | New Jersey. | | | New York. | | | North Carolina. | | | Ohio. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1867.. | 29,158 | 2,843,000 | 2,302,830 | 42,809 | 2,423,000 | 3,416,430 | 296,726 | 24,925,000 | 22,432,500 | 9,010 | 838,000 | 519,560 | 95,994 | 7,238,000 | 7,238,000 |
| 1868.. | 29,924 | 3,950,000 | 2,804,500 | 37,835 | 3,670,000 | 3,559,900 | 269,574 | 25,340,000 | 19,258,400 | 11,026 | 838,000 | 745,820 | 91,139 | 7,200,000 | 6,048,000 |
| 1869.. | 30,000 | 4,500,000 | 2,025,000 | 56,989 | 5,300,000 | 3,286,000 | 250,000 | 28,500,000 | 14,535,000 | 9,121 | 675,000 | 540,000 | 85,714 | 9,600,000 | 4,032,000 |
| 1870.. | 33,863 | 2,980,000 | 2,354,200 | 51,440 | 3,858,000 | 3,626,520 | 256,836 | 25,121,000 | 16,328,650 | 9,160 | 742,000 | 519,400 | 115,027 | 8,282,000 | 6,708,420 |
| 1871.. | 27,671 | 3,874,000 | 1,898,260 | 40,989 | 3,935,000 | 2,597,100 | 246,514 | 26,377,000 | 12,660,960 | 7,771 | 816,000 | 579,360 | 89,718 | 8,613,000 | 5,426,190 |
| 1872.. | 32,968 | 3,099,000 | 2,696,130 | 39,346 | 2,951,000 | 2,567,370 | 269,761 | 23,739,000 | 14,955,570 | 8,233 | 848,000 | 593,600 | 96,887 | 7,751,000 | 4,883,130 |
| 1873.. | 21,273 | 3,191,000 | 1,531,680 | 39,555 | 3,560,000 | 2,385,200 | 241,990 | 24,925,000 | 13,459,500 | 8,298 | 780,000 | 538,200 | 71,117 | 6,045,000 | 5,319,600 |
| 1874.. | 28,333 | 3,400,000 | 2,006,000 | 41,700 | 2,919,000 | 2,276,820 | 242,124 | 25,423,000 | 14,491,110 | 9,360 | 702,000 | 484,380 | 77,465 | 5,500,000 | 4,730,000 |
| 1875.. | 31,578 | 4,200,000 | 1,764,000 | 50,000 | 4,100,000 | 2,214,000 | 327,102 | 35,000,000 | 12,600,000 | 8,764 | 745,000 | 499,150 | 123,300 | 12,700,000 | 4,572,000 |
| 1876.. | 39,900 | 3,990,000 | 2,394,000 | 52,500 | 2,100,000 | 2,520,000 | 418,181 | 23,000,000 | 18,400,000 | 12,142 | 850,000 | 544,000 | 128,571 | 9,000,000 | 5,580,000 |
| 1877.. | 40,000 | 4,480,000 | 2,240,000 | 53,704 | 5,800,000 | 3,016,000 | 374,286 | 39,300,000 | 16,506,000 | 11,847 | 853,000 | 665,340 | 125,555 | 11,300,000 | 4,520,000 |
| 1878.. | 36,800 | 2,649,600 | 2,278,656 | 54,300 | 4,344,000 | 3,779,280 | 355,600 | 18,135,600 | 14,689,836 | 12,100 | 1,197,900 | 706,761 | 124,400 | 8,210,400 | 4,351,512 |
| 1879.. | 35,700 | 4,141,200 | 1,987,776 | 58,100 | 5,170,900 | 3,050,831 | 369,300 | 38,407,200 | 13,826,592 | 12,000 | 1,104,000 | 695,520 | 124,400 | 10,822,800 | 4,653,804 |
| 1880.. | 36,060 | 3,786,300 | 1,665,972 | 55,780 | 4,239,280 | 2,373,997 | 361,910 | 32,571,900 | 13,680,198 | 12,120 | 1,272,600 | 852,642 | 124,400 | 10,574,000 | 5,075,520 |
| 1881.. | 29,066 | 1,831,158 | 1,464,926 | 40,016 | 2,400,960 | 2,496,998 | 353,402 | 20,143,914 | 17,525,205 | 18,682 | 709,916 | 496,941 | 150,789 | 4,674,459 | 5,141,905 |
| 1882.. | 30,519 | 2,380,505 | 1,666,353 | 40,816 | 2,977,190 | 1,935,173 | 381,674 | 30,618,749 | 18,677,437 | 19,803 | 1,100,370 | 825,277 | 155,313 | 10,283,810 | 6,170,286 |
| 1883.. | 31,435 | 3,489,285 | 1,500,393 | 44,081 | 4,275,857 | 2,351,721 | 400,758 | 38,472,768 | 15,004,380 | 20,199 | 1,312,935 | 892,796 | 166,185 | 16,452,315 | 6,580,926 |
| 1884.. | 27,034 | 2,568,000 | 1,181,280 | 40,114 | 3,450,000 | 1,897,500 | 360,682 | 33,904,000 | 13,222,560 | 19,997 | 1,260,000 | 693,000 | 161,199 | 12,090,000 | 5,077,800 |
| 1885.. | 27,304 | 2,785,000 | 1,225,404 | 40,916 | 3,069,000 | 1,657,098 | 357,075 | 19,996,000 | 8,998,200 | 20,597 | 1,256,000 | 716,158 | 166,035 | 12,453,000 | 4,856,524 |
| 1886.. | 27,577 | 2,813,000 | 1,322,110 | 40,098 | 3,208,000 | 1,732,320 | 349,934 | 27,995,000 | 11,477,950 | 21,215 | 1,273,000 | 712,880 | 149,432 | 11,656,000 | 4,662,400 |
| 1887.. | 28,956 | 1,216,000 | 1,033,600 | 41,301 | 2,767,000 | 2,019,910 | 353,433 | 23,327,000 | 14,462,740 | 21,427 | 1,114,000 | 657,260 | 156,904 | 4,707,000 | 4,283,370 |
| 1888.. | 30,114 | 3,072,000 | 1,443,665 | 43,366 | 3,599,000 | 1,799,689 | 371,105 | 29,688,000 | 11,281,592 | 21,856 | 1,377,000 | 895,003 | 149,059 | 11,925,000 | 4,412,146 |
| 1893.. | 21,840 | 2,598,960 | 1,637,345 | 49,064 | 3,581,672 | 2,686,254 | 357,291 | 25,010,370 | 13,755,704 | 18,321 | 1,777,137 | 1,066,282 | 177,576 | 10,299,408 | 6,900,603 |

**No. 232.—Estimated Annual Acreage, Product, and Value of the POTATO CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1867 to 1888, inclusive, and 1893—Continued.**

| Year. | Oregon. | | | Pennsylvania. | | | Tennessee. | | | Vermont. | | | Virginia. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1867.. | a..... | a ..... | a ..... | 157,620 | 11,727,000 | 12,196,080 | 17,403 | 1,260,000 | 1,121,400 | 36,757 | 4,297,000 | 2,964,930 | 22,089 | 1,480,000 | 976,800 |
| 1868.. | a..... | a ..... | a ..... | 134,681 | 11,852,000 | 11,022,360 | 16,164 | 1,180,000 | 885,000 | 35,555 | 4,800,000 | 2,880,000 | 18,243 | 1,350,000 | 999,000 |
| 1869.. | 3,846 | 500,000 | 300,000 | 150,980 | 15,400,000 | 9,240,000 | 20,000 | 1,000,000 | 730,000 | 35,937 | 5,750,000 | 2,185,000 | 23,760 | 1,188,000 | 819,720 |
| 1870.. | 4,758 | 414,000 | 318,780 | 127,402 | 11,084,000 | 8,645,520 | 13,863 | 1,220,000 | 634,400 | 34,992 | 4,899,000 | 2,498,490 | 22,472 | 1,236,000 | 877,560 |
| 1871.. | 5,118 | 389,000 | 400,670 | 104,901 | 11,749,000 | 6,461,950 | 14,025 | 1,122,000 | 762,960 | 30,312 | 4,850,000 | 1,794,500 | 16,585 | 1,174,000 | 833,540 |
| 1872.. | 4,725 | 482,000 | 265,100 | 112,737 | 11,161,000 | 7,031,430 | 14,571 | 1,122,000 | 639,540 | 38,981 | 4,171,000 | 2,210,630 | 16,119 | 1,080,000 | 777,600 |
| 1873.. | 5,561 | 723,000 | 404,880 | 110,437 | 10,602,000 | 6,891,300 | 13,453 | 1,009,000 | 665,940 | 36,343 | 5,088,000 | 2,238,720 | 17,743 | 1,242,000 | 881,820 |
| 1874.. | 6,106 | 751,000 | 383,010 | 109,797 | 9,223,000 | 7,286,170 | 12,100 | 605,000 | 586,850 | 32,979 | 4,782,000 | 2,056,260 | 15,706 | 1,068,000 | 683,520 |
| 1875.. | 6,500 | 845,000 | 642,200 | 127,604 | 12,250,000 | 5,145,000 | 15,714 | 1,100,000 | 616,000 | 37,741 | 5,850,000 | 1,930 500 | 14,756 | 1,210,000 | 629,200 |
| 1876.. | 7,142 | 1,000,000 | 640,000 | 136,000 | 8,800,000 | 5,780,000 | 15,750 | 1,260,000 | 604,800 | 37,607 | 5,265,000 | 2,632,500 | 21,093 | 1,350,000 | 937,000 |
| 1877.. | 6,143 | 860,000 | 550,400 | 150,000 | 13,500,000 | 5,805,000 | 16,875 | 1,350,000 | 702,000 | 44,461 | 5,780,000 | 2,312,000 | 17,867 | 1,340,000 | 670,000 |
| 1878.. | 6,300 | 598,500 | 359,100 | 154,500 | 8,961,000 | 6,272,700 | 16,200 | 1,166,400 | 454,896 | 37,800 | 2,721,600 | 2,041,200 | 18,400 | 1,600,800 | 800,400 |
| 1879.. | 7,200 | 885,600 | 371,952 | 163,400 | 17,513,600 | 6,480,032 | 15,400 | 1,925,000 | 1,001,000 | 35,500 | 5,147,500 | 2,059,000 | 18,200 | 1,255,800 | 703,248 |
| 1880.. | 6,910 | 925,940 | 546,305 | 170,080 | 13,436,320 | 6,449,434 | 15,250 | 1,174,250 | 587,125 | 35,140 | 4,954,740 | 2,080,991 | 17,650 | 1,394,350 | 641,401 |
| 1881.. | 10,773 | 1,238,895 | 619,448 | 183,575 | 8,811,600 | 8,547,252 | 32,429 | 1,394,447 | 1,115,558 | 38,466 | 2,691,620 | 2,018,715 | 33,707 | 1,348,280 | 1,159,520 |
| 1882.. | 11,312 | 1,251,284 | 713,232 | 196,425 | 15,860,880 | 9,040,702 | 34,699 | 1,924,337 | 1,058,385 | 41,159 | 4,118,179 | 2,800,362 | 34,718 | 2,197,696 | 1,340,595 |
| 1883.. | 11,764 | 941,120 | 658,784 | 202,318 | 16,185,440 | 7,283,448 | 38,169 | 2,404,647 | 1,033,998 | 42,805 | 4,708,550 | 1,977,591 | 35,412 | 2,443,428 | 1,466,057 |
| 1884.. | 12,587 | 1,385,000 | 415,500 | 192,202 | 16,337,000 | 6,371,430 | 38,551 | 2,390,000 | 1,195,000 | 35,528 | 3,482,000 | 1,323,160 | 34,350 | 2,061,000 | 1,133,550 |
| 1885.. | 12,587 | 1,322,000 | 475,789 | 190,280 | 13,700,000 | 6,439,075 | 38,937 | 2,531,000 | 1,164,216 | 37,304 | 3,656,000 | 1,279,527 | 35,037 | 2,102,000 | 1,072,132 |
| 1886.. | 12,965 | 1,037,000 | 642,940 | 192,183 | 14,606,000 | 6,718,760 | 38,937 | 2,531,000 | 1,063,020 | 36,185 | 3,763,000 | 1,429,940 | 35,387 | 2,300,000 | 1,081,000 |
| 1887.. | 13,743 | 1,058,000 | 550,160 | 194,105 | 10,676,000 | 7,473,200 | 39,326 | 1,966,000 | 1,297,560 | 37,632 | 2,258,000 | 1,603,180 | 35,741 | 1,894,000 | 1,155,340 |
| 1888.. | 19,927 | 2,092,000 | 753,241 | 208,810 | 16,305,000 | 6,521,920 | 40,113 | 2,407,000 | 1,131,187 | 38,761 | 3,876,000 | 1,627,962 | 36,098 | 2,346,000 | 1,173,185 |
| 1893.. | 16,772 | 2,130,044 | 1,001,121 | 198,922 | 15,118,072 | 9,070,843 | 40,161 | 2,730,948 | 1,338,165 | 29,471 | 3,271,281 | 1,570,215 | 38,392 | 3,224,928 | 1,838,209 |

a Not separately stated.

TERRITORIES, FROM 1867 TO 1888, INCLUSIVE, AND 1893—Continued.

| Year. | Washington. | | | West Virginia. | | | Wisconsin. | | | All other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1867.. | *a*..... | *a*..... | *a*..... | 9,339 | 650,000 | 526,500 | 42,677 | 4,097,000 | 2,886,930 | 67,894 | 5,874,000 | 4,250,640 | 1,192,195 | 97,783,000 | 89,276,830 |
| 1868.. | *a*..... | *a*..... | *a*..... | 8,333 | 575,000 | 517,500 | 50,649 | 3,900,000 | 2,808,000 | 41,802 | 3,328,000 | 4,522,790 | 1,131,552 | 106,090,000 | 84,150,040 |
| 1869.. | *a*..... | *a*..... | *a*..... | 10,365 | 850,000 | 488,500 | 44,859 | 4,800,000 | 2,496,000 | 53,586 | 4,673,000 | 4,653,510 | 1,222,250 | 133,866,000 | 71,651,730 |
| 1870.. | *a*..... | *a*..... | *a*..... | 12,011 | 1,021,000 | 592,180 | 80,438 | 4,585,000 | 3,392,900 | 46,413 | 4,295,000 | 4,983,400 | 1,320,119 | 114,775,000 | 82,668,590 |
| 1871.. | *a*..... | *a*..... | *a*..... | 13,424 | 980,000 | 646,800 | 52,400 | 5,502,000 | 3,026,100 | 33,329 | 3,234,700 | 3,500,761 | 1,220,912 | 120,461,700 | 71,836,671 |
| 1872.. | *a*..... | *a*..... | *a*..... | 12,815 | 833,000 | 499,800 | 53,876 | 5,226,000 | 2,299,440 | 31,587 | 3,070,000 | 3,247,310 | 1,331,331 | 113,516,000 | 68,091,130 |
| 1873.. | *a*..... | *a*..... | *a*..... | 11,771 | 824,000 | 576,800 | 69,915 | 4,964,000 | 3,971,200 | 33,909 | 3,191,000 | 3,271,110 | 1,295,139 | 106,089,000 | 74,774,890 |
| 1874.. | *a*..... | *a*..... | *a*..... | 10,289 | 782,000 | 563,040 | 68,460 | 5,956,000 | 2,918,440 | 34,872 | 2,756,000 | 3,085,570 | 1,310,041 | 105,981,000 | 71,873,330 |
| 1875.. | *a*..... | *a*..... | *a*..... | 10,454 | 1,150,000 | 586,500 | 72,380 | 7,600,000 | 2,204,000 | 42,772 | 4,352,000 | 3,557,720 | 1,510,041 | 166,877,000 | 65,019,426 |
| 1876.. | *a*..... | *a*..... | *a*..... | 17,045 | 1,125,000 | 585,000 | 72,750 | 5,820,000 | 2,851,800 | 52,510 | 4,513,050 | 3,592,950 | 1,741,983 | 126,827,000 | 83,961,390 |
| 1877.. | *a*..... | *a*..... | *a*..... | 13,176 | 1,120,000 | 571,200 | 127,778 | 11,500,000 | 4,025,000 | 45,701 | 4,185,000 | 2,978,850 | 1,792,287 | 170,092,000 | 76,239,470 |
| 1878.. | *a*..... | *a*..... | *a*..... | 13,000 | 982,500 | 432,300 | 127,800 | 8,307,000 | 3,821,220 | 53,700 | 4,739,450 | 3,542,042 | 1,776,800 | 124,126,650 | 73,059,125 |
| 1879.. | *a*..... | *a*..... | *a*..... | 12,200 | 902,800 | 415,288 | 132,900 | 13,555,800 | 4,473,414 | 52,300 | 4,612,000 | 4,098,172 | 1,836,800 | 181,626,400 | 79,153,673 |
| 1880.. | *a*..... | *a*..... | *a*..... | 12,200 | 915,000 | 411,750 | 136,890 | 13,552,110 | 4,743,238 | 52,320 | 5,213,530 | 4,413,289 | 1,842,510 | 167,659,570 | 81,062,214 |
| 1881.. | *a*..... | *a*..... | *a*..... | 23,616 | 1,062,720 | 1,052,093 | 96,288 | 7,221,600 | 6,066,144 | 96,686 | 6,057,900 | 5,207,585 | 2,041,670 | 109,145,494 | 99,291,341 |
| 1882.. | 8,370 | 1,175,100 | 940,080 | 25,033 | 1,487,808 | 743,904 | 106,880 | 7,943,760 | 3,177,504 | 90,874 | 6,059,686 | 4,891,888 | 2,171,635 | 170,972,508 | 95,304,844 |
| 1883.. | 9,123 | 1,003,530 | 551,942 | 26,034 | 2,264 958 | 1,064,530 | 110,086 | 10,127,912 | 3,342,211 | 95,941 | 7,408,668 | 5,569,283 | 2,289,275 | 208,164,425 | 87,848,991 |
| 1884.. | 10,218 | 1,226,000 | 367,800 | 26,294 | 1,893,000 | 984,360 | 108,985 | 9,809,000 | 2,550,340 | 99,613 | 7,814,000 | 5,691,870 | 2,220,980 | 190,642,000 | 75,524,290 |
| 1885.. | 10,422 | 1,136,000 | 397,599 | 27,609 | 1,933,000 | 831,031 | 107,895 | 8,955,000 | 4,208,984 | 103,308 | 7,903,000 | 5,483,634 | 2,265,823 | 175,029,000 | 78,153,403 |
| 1886.. | 10,943 | 1,258,000 | 679,320 | 27,885 | 1,952,000 | 819,840 | 108,974 | 6,974,000 | 2,920,080 | 109,864 | 8,136,000 | 5,901,520 | 2,287,136 | 168,051,000 | 78,441,940 |
| 1887.. | 11,381 | 1,218,000 | 548,100 | 27,885 | 1,422,000 | 1,094,940 | 110,064 | 8,255,000 | 6,273,800 | 113,065 | 9,091,000 | 5,637,340 | 2,357,322 | 134,103,000 | 91,506,740 |
| 1888.. | 12,291 | 1,500,000 | 509,831 | 28,443 | 1,849,000 | 850,446 | 137,580 | 11,006,000 | 3,522,048 | 142,447 | 11,175,000 | 6,486,077 | 2,533,280 | 202,365,000 | 81,413,589 |
| 1893.. | 14,413 | 1,729,560 | 674,528 | 30,787 | 2,462,960 | 1,453,146 | 156,988 | 12,088,076 | 5,923,157 | 577,154 | 47,108,168 | 26,545,846 | 2,605,186 | 183,034,203 | 108,661,801 |

*a* Not separately stated.

## No. 233.—Estimated Annual Acreage, Product, and Value of the Tobacco Crop in the Principal and all other States and Territories in 1867 and from 1881 to 1888 and 1893, inclusive.

[From the Annual Reports of the Department of Agriculture.]

| Year. | Arkansas. | | | Connecticut. | | | Illinois. | | | Indiana. | | | Kentucky. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1867..... | 2,435 | 1,739,000 | 399,970 | 5,263 | 6,664,000 | 1,532,720 | 27,560 | 15,792,000 | 1,263,360 | 9,128 | 7,385,000 | 694,190 | 72,463 | 40,000,000 | 3,880,000 |
| 1881..... | 2,023 | 979,922 | 82,313 | 8,753 | 13,763,759 | 2,202,201 | 5,062 | 3,846,195 | 274,387 | 10,760 | 7,719,373 | 578,952 | 232,911 | 163,027,700 | 14,347,316 |
| 1882..... | 2,124 | 1,175,906 | 99,952 | 8,665 | 9,772,269 | 1,270,396 | 5,163 | 3,848,124 | 307,850 | 11,298 | 9,108,860 | 637,620 | 242,227 | 198,905,994 | 15,912,480 |
| 1883..... | 2,300 | 1,100,000 | 95,700 | 8,145 | 9,576,824 | 1,292,871 | 5,679 | 3,155,462 | 252,437 | 11,863 | 8,471,240 | 635,343 | 230,116 | 171,059,155 | 14,711,087 |
| 1884..... | 2,185 | 1,111,000 | 83,325 | 8,064 | 9,481,000 | 1,175,644 | 5,736 | 3,944,000 | 276,080 | 12,812 | 9,318,000 | 624,306 | 276,139 | 208,692,000 | 15,651,900 |
| 1885..... | 2,294 | 1,606,000 | 112,406 | 7,661 | 12,066,000 | 1,496,193 | 5,908 | 4,963,000 | 446,645 | 13,324 | 9,593,000 | 863,395 | 265,093 | 209,423,000 | 13,612,526 |
| 1886..... | 2,409 | 2,108,000 | 158,100 | 7,292 | 11,667,000 | 1,633,380 | 10,710 | 6,158,000 | 369,480 | 22,545 | 14,880,000 | 892,000 | 251,838 | 193,915,000 | 11,634,900 |
| 1887..... | 2,361 | 1,228,000 | 196,435 | 6,198 | 9,173,000 | 1,311,745 | 3,320 | 1,494,000 | 149,400 | 8,450 | 3,718,000 | 185,900 | 196,434 | 115,896,000 | 13,907,527 |
| 1888..... | 2,408 | 1,156,000 | 80,909 | 6,136 | 9,603,000 | 1,248,389 | 4,648 | 2,947,000 | 223,959 | 18,252 | 16,153,000 | 1,130,711 | 323,409 | 283,306,000 | 21,247,971 |
| 1893..... | 1,932 | 1,707,888 | 170,789 | 7,459 | 10,658,911 | 1,492,248 | 3,870 | 2,109,150 | 147,641 | 6,348 | 4,532,472 | 330,870 | 307,697 | 216,926,385 | 16,486,405 |

| Year. | Maryland. | | | Massachusetts. | | | Missouri. | | | New York. | | | North Carolina. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1867..... | 49,607 | 22,472,000 | 2,696,640 | 3,290 | 3,619,000 | 796,180 | 14,534 | 11,657,000 | 1,340,555 | 16,403 | 8,743,000 | 1,224,020 | 61,674 | 40,212,000 | 6,956,676 |
| 1881..... | 38,265 | 25,869,218 | 2,069,537 | 3,291 | 5,000,964 | 750,144 | 13,950 | 12,233,959 | 1,015,418 | 5,037 | 6,291,217 | 880,770 | 56,071 | 24,827,532 | 3,351,716 |
| 1882..... | 39,030 | 29,232,216 | 1,753,933 | 2,962 | 4,250,819 | 531,352 | 16,182 | 15,047,770 | 1,203,822 | 8,059 | 9,751,336 | 1,170,166 | 64,482 | 32,275,792 | 3,873,095 |
| 1883..... | 40,593 | 31,570,793 | 2,052,102 | 2,814 | 4,038,278 | 533,053 | 15,400 | 10,540,000 | 895,900 | 5,440 | 9,068,789 | 1,178,943 | 60,000 | 29,048,213 | 3,631,027 |
| 1884..... | 41,811 | 31,255,000 | 2,281,615 | 2,730 | 3,715,000 | 453,230 | 16,170 | 15,810,000 | 1,201,560 | 5,386 | 8,162,000 | 979,440 | 69,600 | 34,858,000 | 4,008,670 |
| 1885..... | 43,065 | 28,552,000 | 2,084,303 | 2,594 | 3,798,000 | 455,714 | 16,493 | 14,514,000 | 1,015,969 | 6,733 | 10,234,000 | 1,023,416 | 77,952 | 37,417,000 | 3,966,198 |
| 1886..... | 43,892 | 25,238,000 | 1,640,470 | 2,594 | 4,231,000 | 592,340 | 16,058 | 11,959,000 | 837,130 | 5,833 | 7,583,000 | 872,045 | 75,141 | 31,559,000 | 2,998,105 |
| 1887..... | 41,697 | 26,603,000 | 1,463,148 | 2,464 | 3,511,000 | 596,904 | 12,842 | 6,421,000 | 642,100 | 5,775 | 7,623,000 | 876,645 | 60,113 | 29,155,000 | 2,915,481 |
| 1888..... | 33,775 | 14,017,000 | 770,914 | 2,464 | 3,893,000 | 486,640 | 14,126 | 13,109,000 | 1,048,714 | 6,179 | 6,488,000 | 778,554 | 57,107 | 25,755,000 | 1,931,644 |
| 1893..... | 15,233 | 10,343,207 | 786,064 | 2,640 | 4,356,000 | 696,960 | 10,943 | 8,940,421 | 679,473 | 8,133 | 7,360,365 | 1,118,775 | 88,208 | 44,897,872 | 3,592,830 |

TERRITORIES, IN 1867 AND FROM 1881 TO 1888, INCLUSIVE, AND 1893—Continued.

| Year. | Ohio. | | | Pennsylvania. | | | Tennessee. | | | Virginia. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1867 | 16,115 | 10,749,000 | 1,074,900 | 6,499 | 4,712,000 | 424,080 | 66,109 | 40,988,000 | 5,738,320 | 130,434 | 90,000,000 | 11,250,000 |
| 1881 | 36,760 | 35,419,913 | 2,833,593 | 33,080 | 38,805,661 | 5,044,735 | 40,286 | 22,157,300 | 1,683,954 | 139,663 | 77,649,854 | 6,677,907 |
| 1882 | 33,819 | 33,648,917 | 3,355,424 | 29,772 | 31,044,529 | 3,725,343 | 41,897 | 31,020,220 | 2,078,355 | 143,853 | 89,297,332 | 6,518,705 |
| 1883 | 32,128 | 29,947,536 | 2,395,803 | 28,879 | 36,322,099 | 4,358,652 | 40,221 | 28,538,602 | 1,712,316 | 129,996 | 67,865,972 | 5,429,278 |
| 1884 | 35,983 | 29,349,000 | 2,113,128 | 25,991 | 34,143,000 | 3,585,015 | 45,048 | 31,392,000 | 2,000,440 | 149,495 | 99,763,000 | 7,382,462 |
| 1885 | 36,703 | 33,767,000 | 2,127,306 | 23,392 | 28,392,000 | 2,456,160 | 46,850 | 26,939,000 | 1,885,713 | 164,445 | 107,711,000 | 7,970,649 |
| 1886 | 36,905 | 35,333,000 | 2,473,310 | 28,695 | 34,951,000 | 4,124,218 | 49,629 | 31,763,000 | 1,905,780 | 161,397 | 91,189,000 | 6,383,230 |
| 1887 | 31,284 | 19,240,000 | 1,731,569 | 28,121 | 40,213,000 | 6,031,955 | 45,659 | 26,254,000 | 2,756,662 | 132,346 | 79,408,000 | 6,352,608 |
| 1888 | 39,105 | 35,195,000 | 2,745,171 | 19,500 | 24,180,000 | 2,587,260 | 67,119 | 45,641,000 | 3,651,274 | 127,052 | 64,084,000 | 3,842,052 |
| 1893 | 41,659 | 18,246,642 | 1,186,032 | 27,715 | 27,715,000 | 3,741,525 | 48,518 | 30,905,966 | 2,719,725 | 103,003 | 68,599,993 | 4,253,200 |

| Year. | West Virginia. | | | Wisconsin. | | | All other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1867 | 3,043 | 2,100,000 | 357,000 | 153 | 100,000 | 20,000 | 9,623 | 6,792,000 | 1,634,820 | 494,333 | 313,724,000 | 41,283,431 |
| 1881 | 4,112 | 2,066,531 | 175,655 | 10,045 | 8,702,770 | 1,087,846 | 6,170 | 2,008,146 | 315,892 | 646,239 | 449,880,014 | 43,372,336 |
| 1882 | 4,235 | 2,169,858 | 216,986 | 11,250 | 10,443,324 | 1,253,199 | 6,504 | 2,084,242 | 281,272 | 671,522 | 513,077,558 | 43,189,950 |
| 1883 | 4,108 | 1,952,872 | 205,052 | 12,750 | 5,743,828 | 631,821 | 8,307 | 3,545,978 | 443,977 | 638,739 | 451,545,641 | 40,455,362 |
| 1884 | 4,149 | 2,343,000 | 224,928 | 14,663 | 14,360,000 | 1,464,720 | 8,706 | 3,808,000 | 456,688 | 724,668 | 541,504,000 | 44,160,151 |
| 1885 | 4,190 | 2,782,000 | 211,444 | 27,127 | 31,196,000 | 2,963,625 | 8,696 | 4,783,000 | 573,936 | 752,520 | 562,736,000 | 43,265,598 |
| 1886 | 4,398 | 2,749,000 | 192,430 | 24,229 | 23,744,000 | 2,374,400 | 6,750 | 3,510,000 | 386,100 | 750,210 | 532,537,000 | 39,468,218 |
| 1887 | 3,958 | 2,216,000 | 281,493 | 11,050 | 11,271,000 | 1,239,810 | 6,548 | 2,816,000 | 337,877 | 598,620 | 386,240,000 | 40,977,259 |
| 1888 | 5,620 | 4,496,000 | 359,680 | 13,813 | 12,846,000 | 1,220,379 | 6,613 | 2,976,000 | 312,464 | 747,326 | 565,795,000 | 43,666,665 |
| 1893 | 4,503 | 3,417,777 | 348,613 | 25,091 | 22,305,899 | 1,405,272 | ..... | ..... | ..... | 702,952 | 483,023,963 | 39,155,442 |

## No. 234.—Estimated Annual Acreage, Product, and Value of the WHEAT CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive.

[From the Annual Reports of the Department of Agriculture.]

| Year. | Alabama. | | | Arkansas. | | | California. | | | Dakota. | | | Georgia. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 1,050,000 | 21,000,000 | 21,630,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1869.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 1,098,901 | 20,000,000 | 18,000,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1870.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 746,052 | 14,175,000 | 15,592,500 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1871.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 1,523,363 | 16,757,000 | 23,627,370 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1872.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,098,360 | 25,600,000 | 28,416,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1873.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 1,592,889 | 21,504,000 | 28,385,280 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1874.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,150,000 | 28,380,000 | 28,096,200 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1875.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,163,636 | 23,800,000 | 28,084,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1876.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,307,692 | 30,000,000 | 34,200,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1877.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,315,789 | 22,000,000 | 28,600,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1878.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,470,000 | 41,990,000 | 43,249,700 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1879.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,500,000 | 35,000,000 | 43,050,000 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1880.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,117,350 | 33,877,600 | 32,523,496 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1881.... | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... | 2,367,200 | 31,406,000 | 32,348,180 | a ..... | a ..... | a ..... | a ..... | a ..... | a ..... |
| 1882.... | 285,000 | 1,700,800 | 1,904,896 | 215,000 | 1,566,100 | 1,550,439 | 2,767,000 | 36,046,600 | 32,441,940 | 720,000 | 11,460,000 | 9,168,000 | 510,000 | 3,812,900 | 4,117,932 |
| 1883.... | 276,450 | 1,437,500 | 1,653,125 | 232,200 | 1,416,400 | 1,458,892 | 2,794,000 | 36,322,000 | 36,322,000 | 1,008,000 | 16,128,000 | 11,612,160 | 504,900 | 2,574,900 | 3,089,890 |
| 1884.... | 278,450 | 1,675,000 | 1,675,000 | 248,450 | 1,885,000 | 1,753,050 | 3,360,000 | 44,320,000 | 31,910,400 | 1,540,200 | 22,330,000 | 10,271,800 | 487,500 | 3,130,000 | 3,286,500 |
| 1885.... | 239,467 | 1,307,000 | 1,345,210 | 240,997 | 1,565,000 | 1,565,000 | 2,822,400 | 26,592,000 | 17,816,640 | 2,187,084 | 27,913,000 | 17,585,190 | 453,375 | 2,817,000 | 3,070,530 |
| 1886.... | 222,704 | 1,529,000 | 1,636,030 | 231,357 | 1,815,000 | 1,542,750 | 3,104,640 | 36,165,000 | 26,400,450 | 2,675,350 | 30,704,000 | 15,966,080 | 385,954 | 1,690,000 | 1,774,500 |
| 1887.... | 207,115 | 1,305,000 | 1,278,900 | 231,357 | 2,290,000 | 1,877,800 | 2,766,235 | 30,429,000 | 22,517,460 | 3,664,737 | 52,406,000 | 27,251,120 | 382,094 | 2,522,000 | 2,395,900 |
| 1888.... | 420,443 | 2,186,000 | 2,295,300 | 223,671 | 2,267,000 | 2,153,650 | 2,351,300 | 28,451,000 | 24,183,350 | 3,921,269 | 38,036,000 | 34,612,760 | 374,452 | 1,910,000 | 2,101,000 |
| 1889.... | 357,377 | 2,502,000 | 2,451,606 | 236,008 | 1,794,000 | 1,524,612 | 3,291,320 | 43,781,000 | 30,646,844 | 4,431,034 | 41,652,000 | 24,991,032 | 378,197 | 2,888,000 | 2,884,988 |
| 1890.... | 293,049 | 1,319,000 | 1,437,406 | 221,848 | 1,575,000 | 1,543,619 | 2,426,730 | 29,121,000 | 22,131,778 | 4,209,482 | 40,411,000 | 28,287,719 | 344,159 | 1,411,000 | 1,552,157 |
| 1891.... | 281,327 | 2,251,000 | 2,475,678 | 232,940 | 2,236,000 | 2,012,602 | 2,815,007 | 36,595,000 | 34,765,336 | 4,882,157 | 61,819,000 | 57,868,074 | 309,743 | 2,323,000 | 2,555,389 |
| 1892.... | 45,600 | 306,000 | 284,184 | 163,058 | 1,337,000 | 1,069,661 | 3,012,057 | 39,157,000 | 26,626,587 | 5,410,077 | 66,765,000 | 34,400,311 | 216,820 | 1,474,000 | 1,326,988 |
| 1893.... | 47,880 | 392,616 | 345,502 | 171,211 | 1,369,688 | 890,297 | 2,620,490 | 34,852,517 | 18,471,834 | 5,168,261 | 46,959,597 | 20,897,840 | 240,670 | 1,732,824 | 1,559,542 |

a Not separately stated.

**No. 234.—Estimated Annual Acreage, Product, and Value of the WHEAT CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.**

| Year. | Iowa. | | | Illinois. | | | Indiana. | | | Kansas. | | | Kentucky. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | 1,400,000 | 20,300,000 | 19,285,000 | 2,483,478 | 28,560,000 | 34,272,000 | 1,550,535 | 17,366,000 | 26,049,000 | 98,525 | 1,537,000 | 2,074,950 | 335,294 | 2,850,000 | 5,301,000 |
| 1869.... | 1,807,692 | 23,500,000 | 12,220,000 | 2,607,142 | 29,200,000 | 22,192,000 | 1,430,555 | 20,600,000 | 19,158,000 | 151,351 | 2,800,000 | 2,212,000 | 500,000 | 5,500,000 | 6,050,000 |
| 1870.... | 1,635,600 | 20,445,000 | 15,947,100 | 2,259,583 | 27,115,000 | 25,488,100 | 1,836,363 | 20,200,000 | 20,200,000 | 156,200 | 2,343,000 | 2,014,980 | 561,000 | 5,610,000 | 5,610,000 |
| 1871.... | 1,703,708 | 18,400,000 | 17,664,000 | 2,050,081 | 25,216,000 | 29,754,880 | 1,599,166 | 19,190,000 | 24,179,400 | 169,433 | 2,694,000 | 3,044,220 | 735,737 | 4,488,000 | 5,789,520 |
| 1872.... | 1,752,380 | 22,080,000 | 18,768,000 | 2,042,231 | 24,711,000 | 30,394,530 | 1,562,983 | 19,381,000 | 25,582,920 | 185,775 | 2,155,000 | 3,060,100 | 654,500 | 7,854,000 | 10,131,660 |
| 1873.... | 2,661,538 | 34,600,000 | 27,334,000 | 2,104,963 | 28,417,000 | 31,258,700 | 1,860,000 | 20,832,000 | 25,415,040 | 309,286 | 4,330,000 | 4,330,000 | 802,777 | 7,225,000 | 8,742,250 |
| 1874.... | 2,923,108 | 33,908,000 | 22,040,200 | 2,619,304 | 30,122,000 | 25,904,920 | 1,912,377 | 23,331,000 | 21,931,140 | 690,146 | 9,455,000 | 7,942,200 | 804,245 | 8,525,000 | 8,525,000 |
| 1875.... | 3,072,164 | 29,800,000 | 21,158,000 | 2,600,000 | 27,300,000 | 24,843,000 | 1,920,000 | 17,280,000 | 16,761,600 | 747,058 | 12,700,000 | 11,049,000 | 769,000 | 7,960,000 | 8,358,000 |
| 1876.... | 2,885,245 | 17,600,000 | 15,840,000 | 2,520,430 | 23,440,000 | 21,799,200 | 1,818,181 | 20,000,000 | 20,400,000 | 130,821 | 16,510,000 | 14,198,600 | 823,700 | 8,237,000 | 8,237,000 |
| 1877.... | 2,607,584 | 37,810,000 | 32,894,700 | 2,000,000 | 33,000,000 | 34,320,000 | 1,696,552 | 24,600,000 | 27,798,000 | 1,066,667 | 14,400,000 | 11,808,000 | 572,000 | 7,150,000 | 7,078,500 |
| 1878.... | 3,238,400 | 30,440,960 | 15,220,480 | 2,325,000 | 31,620,000 | 23,715,000 | 2,071,000 | 33,136,000 | 26,840,160 | 1,670,000 | 27,221,000 | 16,060,390 | 528,000 | 4,910,400 | 3,731,904 |
| 1879.... | 3,214,400 | 32,786,880 | 30,163,930 | 2,400,900 | 44,896,830 | 48,089,608 | 2,153,200 | 43,709,960 | 51,140,653 | 1,644,500 | 18,089,500 | 16,099,655 | 548,700 | 7,681,800 | 8,296,344 |
| 1880.... | 3,190,212 | 33,178,205 | 27,206,128 | 3,650,225 | 60,958,757 | 57,910,819 | 2,962,307 | 49,766,758 | 49,269,090 | 2,033,600 | 20,336,000 | 14,235,200 | 1,214,360 | 10,564,932 | 9,825,387 |
| 1881.... | 2,775,500 | 18,248,000 | 19,342,880 | 3,285,200 | 26,822,000 | 32,722,940 | 2,903,100 | 31,353,000 | 39,818,310 | 2,198,000 | 19,909,000 | 20,904,450 | 1,156,600 | 8,625,000 | 11,298,750 |
| 1882.... | 2,485,000 | 25,487,200 | 17,841,040 | 2,956,000 | 52,302,900 | 44,980,494 | 2,763,000 | 45,461,800 | 40,915,620 | 1,573,000 | 31,248,000 | 29,936,160 | 1,287,000 | 17,250,000 | 15,525,000 |
| 1883.... | 2,435,300 | 27,518,800 | 22,015,040 | 2,215,000 | 22,150,000 | 20,378,000 | 2,735,370 | 28,447,800 | 27,025,410 | 1,534,350 | 26,851,100 | 20,943,858 | 1,248,390 | 9,612,600 | 9,131,970 |
| 1884.... | 2,605,771 | 31,270,000 | 17,198,500 | 2,790,900 | 32,374,000 | 20,395,620 | 2,708,016 | 33,745,000 | 22,609,150 | 2,120,500 | 34,990,000 | 15,745,500 | 1,272,000 | 13,425,000 | 9,934,500 |
| 1885.... | 2,683,944 | 30,332,000 | 20,322,440 | 1,255,905 | 10,683,000 | 8,653,230 | 2,518,455 | 26,659,000 | 22,926,740 | 1,060,250 | 11,197,000 | 7,278,050 | 1,055,760 | 3,759,000 | 3,571,050 |
| 1886.... | 2,657,105 | 32,455,000 | 19,473,000 | 2,015,400 | 27,562,000 | 19,017,780 | 2,721,526 | 40,255,000 | 28,178,500 | 1,272,300 | 14,556,000 | 8,442,480 | 1,111,728 | 12,405,000 | 8,931,600 |
| 1887.... | 2,683,676 | 26,837,000 | 16,370,570 | 2,425,092 | 36,861,000 | 25,803,700 | 2,802,083 | 37,828,000 | 27,236,160 | 792,394 | 7,607,000 | 4,640,270 | 1,089,493 | 11,113,000 | 8,112,490 |
| 1888.... | 2,468,982 | 24,196,000 | 20,566,600 | 2,449,343 | 33,556,000 | 31,207,080 | 2,774,062 | 28,879,000 | 27,206,260 | 1,050,000 | 15,960,000 | 14,044,800 | 1,013,228 | 10,436,000 | 10,018,560 |
| 1889.... | 1,604,838 | 21,023,000 | 18,244,728 | 2,375,863 | 38,014,000 | 26,609,666 | 2,801,803 | 41,187,000 | 29,242,418 | 1,680,000 | 30,912,000 | 17,001,600 | 982,831 | 10,811,000 | 7,784,022 |
| 1890.... | 1,685,080 | 19,041,000 | 15,233,123 | 1,853,173 | 18,161,000 | 15,800,153 | 2,493,605 | 27,928,000 | 24,576,971 | 2,058,000 | 28,195,000 | 21,709,842 | 943,518 | 9,152,000 | 8,419,955 |
| 1891.... | 1,803,036 | 27,586,000 | 22,345,025 | 1,945,832 | 35,025,000 | 29,771,230 | 2,917,518 | 52,807,000 | 45,414,085 | 3,539,760 | 54,866,000 | 40,052,384 | 1,087,870 | 13,181,000 | 11,862,854 |
| 1892.... | 631,063 | 7,257,000 | 4,354,335 | 1,751,249 | 28,370,000 | 17,873,247 | 2,713,292 | 39,885,000 | 25,526,651 | 4,070,724 | 70,831,000 | 36,831,911 | 985,977 | 11,635,000 | 7,795,134 |
| 1893.... | 586,889 | 6,749,224 | 3,307,120 | 1,348,462 | 15,507,313 | 7,908,730 | 2,523,362 | 35,579,404 | 18,857,084 | 2,768,092 | 23,251,973 | 9,765,829 | 936,678 | 10,584,461 | 6,033,143 |

**No. 234.—Estimated Annual Acreage, Product, and Value of the WHEAT CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.**

| Year. | Maryland. | | | Michigan. | | | Minnesota. | | | Missouri. | | | Montana. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | 559,411 | 5,706,000 | 11,925,540 | 1,280,960 | 16,012,000 | 26,259,680 | 966,666 | 14,500,000 | 12,035,000 | 382,642 | 5,357,000 | 7,981,930 | a ..... | a ..... | a ..... |
| 1869.... | 570,593 | 6,733,000 | 8,752,900 | 1,105,263 | 16,800,000 | 16,296,000 | 1,165,644 | 19,000,000 | 11,210,000 | 531,914 | 7,500,000 | 6,000,000 | a ..... | a ..... | a ..... |
| 1870.... | 494,020 | 4,792,000 | 6,133,760 | 1,092,000 | 15,288,000 | 16,511,040 | 1,054,078 | 16,022,000 | 13,298,260 | 519,230 | 6,750,000 | 6,142,500 | a ..... | a ..... | a ..... |
| 1871.... | 471,166 | 5,654,000 | 8,594,080 | 1,157,500 | 16,205,000 | 21,390,600 | 1,092,363 | 12,016,000 | 12,016,000 | 957,089 | 12,825,000 | 14,877,000 | a ..... | a ..... | a ..... |
| 1872.... | 465,529 | 3,957,000 | 6,647,760 | 1,161,333 | 13,936,000 | 20,346,560 | 1,406,060 | 23,200,000 | 19,256,000 | 874,431 | 6,695,000 | 10,849,950 | a ..... | a ..... | a ..... |
| 1873.... | 465,664 | 5,262,000 | 8,103,480 | 1,165,082 | 14,214,000 | 19,188,900 | 1,533,115 | 28,056,000 | 22,444,800 | 931,797 | 11,927,000 | 13,477,510 | a ..... | a ..... | a ..... |
| 1874.... | 486,822 | 5,209,000 | 6,354,980 | 1,221,197 | 17,341,000 | 18,728,280 | 1,592,388 | 21,338,000 | 14,936,600 | 1,189,629 | 15,385,000 | 12,769,550 | a ..... | a ..... | a ..... |
| 1875.... | 463,636 | 5,100,000 | 6,477,000 | 1,249,629 | 16,870,000 | 19,400,500 | 1,600,000 | 27,200,000 | 23,392,000 | 1,240,000 | 11,160,000 | 10,602,000 | a ..... | a ..... | a ..... |
| 1876.... | 480,000 | 6,000,000 | 7,620,000 | 1,264,166 | 15,170,000 | 17,597,200 | 1,882,352 | 16,000,000 | 14,400,000 | 1,229,032 | 15,240,000 | 13,563,600 | a ..... | a ..... | a ..... |
| 1877.... | 491,304 | 6,780,000 | 9,153,000 | 1,250,857 | 21,890,000 | 26,705,800 | 1,801,316 | 33,324,346 | 30,325,154 | 1,428,571 | 20,000,000 | 20,000,000 | a ..... | a ..... | a ..... |
| 1878.... | 491,000 | 6,883,000 | 6,255,340 | 1,524,000 | 27,889,200 | 23,705,820 | 2,402,000 | 28,824,000 | 14,700,240 | 1,836,000 | 20,196,000 | 13,531,320 | a ..... | a ..... | a ..... |
| 1879.... | 486,100 | 6,999,840 | 9,939,773 | 1,498,600 | 28,773,120 | 33,664,550 | 2,592,400 | 31,886,520 | 29,973,329 | 1,914,400 | 26,804,600 | 27,069,616 | a ..... | a ..... | a ..... |
| 1880.... | 606,170 | 8,486,380 | 9,674,473 | 1,950,345 | 33,155,865 | 32,161,189 | 3,060,280 | 40,395,696 | 35,144,256 | 2,206,204 | 29,563,134 | 26,311,189 | a ..... | a ..... | a ..... |
| 1881.... | 618,300 | 7,213,000 | 9,737,550 | 1,950,300 | 21,220,000 | 26,525,000 | 3,152,100 | 35,952,000 | 38,109,120 | 2,382,700 | 20,399,000 | 24,274,810 | a ..... | a ..... | a ..... |
| 1882.... | 620,000 | 8,655,600 | 9,261,492 | 1,985,000 | 32,315,400 | 29,083,860 | 2,547,000 | 33,030,500 | 27,085,010 | 2,335,000 | 27,538,600 | 23,407,810 | 42,812 | 685,000 | 993,250 |
| 1883.... | 626,200 | 7,577,000 | 8,031,620 | 1,786,500 | 25,011,000 | 24,010,560 | 2,597,940 | 33,773,200 | 27,018,560 | 2,358,350 | 23,819,300 | 20,960,984 | 57,796 | 942,000 | 866,640 |
| 1884.... | 644,980 | 8,260,000 | 6,855,800 | 1,804,365 | 29,772,000 | 22,031,280 | 2,753,816 | 41,307,000 | 20,653,500 | 2,334,766 | 27,500,000 | 17,050,000 | 76,240 | 1,372,000 | 960,400 |
| 1885.... | 580,482 | 5,534,000 | 5,035,940 | 1,623,929 | 31,261,000 | 26,259,240 | 3,084,274 | 34,285,000 | 23,999,500 | 1,517,598 | 11,275,000 | 8,681,750 | 83,864 | 1,715,000 | 1,320,550 |
| 1886.... | 586,287 | 7,194,000 | 5,899,080 | 1,662,721 | 26,572,000 | 19,397,560 | 3,067,851 | 42,956,000 | 26,142,160 | 1,662,721 | 21,986,000 | 13,851,180 | 88,896 | 1,509,000 | 1,131,750 |
| 1887.... | 562,836 | 5,797,000 | 4,811,510 | 1,629,467 | 21,672,000 | 16,037,280 | 3,129,208 | 36,299,000 | 21,416,410 | 1,712,608 | 27,744,000 | 17,201,280 | 97,786 | 1,760,000 | 1,337,600 |
| 1888.... | 557,208 | 7,634,000 | 7,634,000 | 1,645,762 | 24,028,000 | 23,547,440 | 3,097,916 | 27,881,000 | 25,650,520 | 1,541,343 | 18,496,000 | 16,276,480 | 121,255 | 2,001,000 | 1,700,850 |
| 1889.... | 546,064 | 6,171,000 | 4,998,124 | 1,612,847 | 23,709,000 | 17,544,660 | 3,113,406 | 45,456,000 | 30,455,338 | 1,587,583 | 20,639,000 | 13,206,691 | 85,000 | 1,539,000 | 1,153,875 |
| 1890.... | 535,143 | 6,208,000 | 5,711,046 | 1,501,561 | 20,271,000 | 18,243,967 | 3,143,917 | 38,356,000 | 31,068,187 | 1,603,459 | 17,638,000 | 14,639,561 | 87,550 | 1,488,000 | 1,190,680 |
| 1891.... | 540,494 | 8,107,000 | 8,107,410 | 1,606,670 | 30,205,000 | 27,486,910 | 3,143,917 | 55,333,000 | 43,159,692 | 1,892,082 | 25,732,000 | 20,585,852 | 92,803 | 1,856,000 | 1,559,040 |
| 1892.... | 529,684 | 6,992,000 | 5,173,953 | 1,622,737 | 28,854,000 | 15,982,337 | 3,552,626 | 41,210,000 | 25,138,382 | 1,980,686 | 24,834,000 | 14,403,474 | 41,761 | 898,000 | 619,525 |
| 1893.... | 497,903 | 6,721,691 | 5,108,485 | 1,509,145 | 19,920,714 | 11,354,807 | 3,197,363 | 30,694,685 | 15,654,289 | 1,609,216 | 15,287,552 | 7,338,025 | 43,431 | 993,767 | 560,260 |

a Not separately stated.

No. 234.—Estimated Annual Acreage, Product, and Value of the WHEAT CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.

| Year. | Nebraska. | | | New York. | | | North Carolina. | | | Ohio. | | | Oregon. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres..* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | 36,451 | 565,000 | 542,400 | 581,986 | 8,497,000 | 17,673,760 | 503,559 | 2,971,000 | 5,942,000 | 1,311,538 | 17,050,000 | 28,132,500 | a ..... | a ..... | a..... |
| 1869.... | 56,179 | 1,000,000 | 510,000 | 609,375 | 9,750,000 | 13,357,500 | 460,714 | 3,870,000 | 5,921,100 | 1,316,129 | 20,400,000 | 21,012,000 | 92,105 | 1,750,000 | 1,487,500 |
| 1870.... | 128,333 | 1,848,000 | 1,182,720 | 661,811 | 9,133,000 | 12,877,530 | 490,465 | 4,218,000 | 5,103,780 | 1,387,681 | 19,150,000 | 20,873,500 | 116,410 | 2,270,000 | 2,156,500 |
| 1871.... | 177,572 | 1,829,000 | 1,646,100 | 557,500 | 9,589,000 | 14,479,390 | 421,666 | 2,530,000 | 3,592,600 | 1,336,330 | 18,575,000 | 23,404,500 | 119,375 | 2,292,000 | 2,383,680 |
| 1872.... | 209,836 | 2,560,000 | 1,996,800 | 536,960 | 6,712,000 | 11,074,800 | 401,097 | 3,289,000 | 5,032,170 | 1,555,811 | 18,203,000 | 25,848,260 | 132,197 | 2,406,000 | 1,780,440 |
| 1873.... | 231,226 | 3,584,000 | 2,688,000 | 522,000 | 7,047,000 | 11,275,200 | 450,806 | 2,795,000 | 4,332,250 | 1,547,250 | 18,567,000 | 24,322,770 | 164,579 | 3,127,000 | 2,814,300 |
| 1874.... | 311,963 | 3,619,000 | 2,171,400 | 587,243 | 9,161,000 | 11,542,860 | 359,750 | 2,878,000 | 3,971,640 | 1,732,867 | 25,993,000 | 27,032,720 | 250,000 | 4,875,000 | 3,315,000 |
| 1875.... | 346,938 | 3,400,000 | 2,176,000 | 650,000 | 5,200,000 | 6,812,000 | 406,666 | 3,050,000 | 3,782,000 | 1,842,105 | 17,500,000 | 19,075,000 | 255,681 | 4,500,000 | 3,915,000 |
| 1876.... | 376,521 | 4,330,000 | 1,169,100 | 650,000 | 9,750,000 | 12,772,500 | 410,958 | 3,600,000 | 3,600,000 | 1,843,220 | 21,750,000 | 24,795,000 | 275,000 | 4,675,000 | 3,272,500 |
| 1877.... | 376,000 | 5,640,000 | 4,681,200 | 711,111 | 12,800,000 | 15,616,000 | 469,879 | 3,900,000 | 4,251,000 | 1,733,333 | 26,000,000 | 32,240,000 | 343,750 | 6,875,000 | 7,631,250 |
| 1878.... | 1,050,000 | 13,872,900 | 6,797,721 | 743,600 | 14,128,400 | 14,410,968 | 465,200 | 3,023,800 | 3,023,800 | 1,840,000 | 33,120,000 | 28,483,200 | 365,000 | 7,665,000 | 7,051,800 |
| 1879.... | 1,154,300 | 13,043,590 | 10,956,616 | 716,400 | 10,746,000 | 15,044,400 | 460,500 | 3,223,500 | 4,126,080 | 1,876,500 | 36,591,750 | 43,910,100 | 511,800 | 8,188,800 | 8,025,024 |
| 1880.... | 1,520,315 | 12,922,677 | 9,433,554 | 788,075 | 12,609,200 | 14,752,764 | 761,127 | 4,871,213 | 5,601,895 | 2,845,170 | 49,790,475 | 50,786,284 | 690,260 | 11,734,420 | 9,152,848 |
| 1881.... | 1,958,500 | 13,840,000 | 13,424,800 | 780,200 | 10,844,000 | 14,856,280 | 662,200 | 4,579,000 | 6,822,710 | 2,902,100 | 38,520,000 | 49,690,800 | 738,600 | 12,673,000 | 11,152,240 |
| 1882.... | 1,657,000 | 18,300,000 | 12,261,000 | 772,400 | 12,145,200 | 13,359,720 | 710,000 | 5,494,800 | 5,824,488 | 2,876,000 | 43,453,600 | 41,280,920 | 723,000 | 12,039,300 | 10,233,405 |
| 1883.... | 1,772,990 | 27,481,300 | 19,236,910 | 780,124 | 8,035,200 | 8,919,072 | 717,100 | 4,230,800 | 4,950,036 | 2,588,400 | 25,884,000 | 25,625,160 | 795,300 | 13,122,400 | 11,810,160 |
| 1884.... | 1,950,280 | 28,325,000 | 11,896,500 | 772,323 | 12,729,000 | 10,819,650 | 767,290 | 4,650,000 | 4,138,500 | 2,691,936 | 41,186,000 | 30,889,500 | 858,924 | 15,462,000 | 7,421,760 |
| 1885.... | 1,755,252 | 19,828,000 | 11,301,960 | 687,367 | 10,565,000 | 10,142,400 | 682,888 | 2,790,000 | 2,790,000 | 2,018,952 | 20,593,000 | 18,739,630 | 876,102 | 13,916,000 | 9,602,040 |
| 1886.... | 1,579,727 | 17,449,000 | 8,201,030 | 680,493 | 11,093,000 | 9,318,120 | 696,546 | 3,209,000 | 3,209,000 | 2,688,468 | 40,362,000 | 29,867,880 | 884,640 | 11,133,000 | 7,570,440 |
| 1887.... | 1,642,127 | 16,585,000 | 8,790,050 | 666,883 | 10,137,000 | 8,312,340 | 717,442 | 5,094,000 | 4,482,720 | 2,740,087 | 35,895,000 | 26,921,250 | 920,026 | 16,100,000 | 10,948,000 |
| 1888.... | 1,560,021 | 14,508,000 | 12,041,640 | 660,214 | 9,309,000 | 10,239,900 | 710,268 | 3,835,000 | 4,026,750 | 2,657,884 | 28,705,000 | 27,843,850 | 892,425 | 14,548,000 | 11,347,440 |
| 1889.... | 1,404,019 | 16,848,000 | 8,761,079 | 647,010 | 8,929,000 | 8,035,864 | 724,473 | 4,492,000 | 4,042,560 | 2,524,990 | 36,865,000 | 28,017,289 | 845,000 | 13,689,000 | 9,582,300 |
| 1890.... | 1,418,059 | 15,315,000 | 11,639,428 | 640,540 | 9,288,000 | 9,287,830 | 717,228 | 3,156,000 | 3,155,803 | 2,398,741 | 29,984,000 | 27,285,679 | 837,250 | 12,865,000 | 9,648,844 |
| 1891.... | 1,205,350 | 18,080,000 | 13,198,583 | 640,540 | 10,633,000 | 10,632,964 | 731,573 | 4,975,000 | 5,074,190 | 2,662,603 | 45,531,000 | 41,888,070 | 692,055 | 13,149,000 | 11,571,120 |
| 1892.... | 1,253,564 | 15,670,000 | 7,834,775 | 518,837 | 8,405,000 | 7,144,385 | 716,942 | 5,090,000 | 4,530,356 | 2,795,733 | 38,022,000 | 25,854,989 | 622,350 | 9,779,000 | 6,258,397 |
| 1893.... | 1,228,498 | 10,687,889 | 4,275,156 | 472,142 | 6,846,059 | 5,203,005 | 724,111 | 5 937,710 | 4,275,151 | 2,668,904 | 38,916,608 | 22,182,467 | 616,622 | 10,790,885 | 5,934,987 |

a No data.

**No. 234.—Estimated Annual Acreage, Product, and Value of the WHEAT CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.**

| Year. | Pennsylvania. | | | Tennessee. | | | Texas. | | | Virginia. | | | Washington. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868.... | 1,195,312 | 15,300,000 | 30,294,000 | 929,848 | 6,137,000 | 11,537,560 | 64,833 | 389,000 | 875,250 | 823,095 | 6,914,000 | 13,136,600 | a ..... | a ..... | a ..... |
| 1869.... | 1,114,864 | 16,500,000 | 21,120,000 | 803,571 | 6,750,000 | 7,762,500 | 112,612 | 1,250,000 | 2,125,000 | 823,047 | 8,642,000 | 10,456,820 | a ..... | a ..... | a ..... |
| 1870.... | 1,426,250 | 17,115,000 | 21,736,050 | 836,022 | 7,357,000 | 7,136,290 | 104,700 | 1,225,000 | 2,119,250 | 698,437 | 6,705,000 | 8,314,200 | a ..... | a ..... | a ..... |
| 1871.... | 1,193,765 | 19,339,000 | 28,041,550 | 1,029,800 | 5,149,000 | 6,590,720 | 47,913 | 551,000 | 1,085,470 | 796,125 | 6,369,000 | 8,852,910 | a ..... | a ..... | a ..... |
| 1872.... | 1,074,351 | 11,603,000 | 19,377,010 | 1,072,708 | 10,298,000 | 14,417,200 | 74,432 | 1,377,000 | 2,272,050 | 765,714 | 6,432,000 | 10,033,920 | a ..... | a ..... | a ..... |
| 1873.... | 1,094,929 | 15,548,000 | 23,322,000 | 1,029,722 | 7,414,000 | 9,360,620 | 82,583 | 1,404,000 | 1,965,600 | 771,733 | 5,788,000 | 8,392,600 | a ..... | a ..... | a ..... |
| 1874.... | 1,124,054 | 16,636,000 | 20,129,560 | 1,235,667 | 11,121,000 | 11,788,260 | 117,920 | 1,474,000 | 1,989,900 | 727,179 | 5,672,000 | 6,636,240 | a ..... | a ..... | a ..... |
| 1875.... | 1,101,449 | 15,200,000 | 19,608,000 | 1,544,705 | 13,130,000 | 13,261,300 | 139,444 | 2,510,000 | 3,187,700 | 837,500 | 6,700,000 | 8,107,000 | a ..... | a ..... | a ..... |
| 1876.... | 1,419,696 | 18,740,000 | 23,425,000 | 1,356,626 | 11,260,000 | 10,471,800 | 365,384 | 4,750,000 | 5,130,000 | 926,470 | 7,875,000 | 8,898,750 | a ..... | a ..... | a ..... |
| 1877.... | 1,400,000 | 18,200,000 | 24,752,000 | 1,357,143 | 11,400,000 | 11,856,000 | 400,000 | 4,800,000 | 5,808,000 | 908,654 | 9,450,000 | 11,151,000 | a ..... | a ..... | a ..... |
| 1878.... | 1,473,000 | 22,095,000 | 21,432,150 | 1,587,000 | 7,935,000 | 6,665,400 | 450,000 | 7,200,000 | 6,192,000 | 981,700 | 7,068,240 | 6,290,733 | a ..... | a ..... | a ..... |
| 1879.... | 1,458,000 | 22,307,400 | 29,445,768 | 1,481,600 | 11,852,800 | 12,919,552 | 454,500 | 3,454,200 | 3,972,330 | 962,100 | 8,851,320 | 11,241,176 | a ..... | a ..... | a ..... |
| 1880.... | 1,474,292 | 22,114,380 | 24,104,674 | 1,256,400 | 7,538,400 | 7,387,632 | 376,014 | 3,008,112 | 3,158,518 | 919,716 | 8,737,302 | 9,174,167 | a ..... | a ..... | a ..... |
| 1881.... | 1,503,800 | 18,797,000 | 25,187,980 | 1,055,400 | 6,408,000 | 8,714,880 | 263,200 | 3,339,000 | 4,674,000 | 892,100 | 7,165,000 | 9,529,450 | a ..... | a ..... | a ..... |
| 1882.... | 1,488,700 | 20,300,700 | 21,315,735 | 1,260,000 | 9,971,200 | 9,073,792 | 460,000 | 4,173,700 | 4,090,226 | 918,900 | 8,311,400 | 8,810,084 | 148,000 | 2,440,000 | 2,025,200 |
| 1883.... | 1,518,474 | 20,043,800 | 21,647,304 | 1,323,000 | 7,408,800 | 6,816,096 | 506,000 | 4,301,000 | 4,301,000 | 928,089 | 8,352,800 | 8,770,440 | 170,200 | 3,182,700 | 2,705,295 |
| 1884.... | 1,533,660 | 20,820,000 | 17,905,200 | 1,336,230 | 9,320,000 | 6,990,000 | 556,600 | 5,561,000 | 4,838,070 | 930,200 | 7,455,000 | 5,964,000 | 326,366 | 4,118,000 | 2,470,800 |
| 1885.... | 1,380,294 | 13,325,000 | 12,792,000 | 1,175,882 | 8,821,000 | 8,629,950 | 545,468 | 6,117,000 | 4,893,600 | 651,140 | 2,833,000 | 2,634,690 | 424,276 | 7,412,000 | 5,336,640 |
| 1886.... | 1,435,506 | 18,255,000 | 15,151,650 | 1,199,400 | 8,024,000 | 6,258,720 | 529,104 | 5,383,000 | 4,844,700 | 683,697 | 5,581,000 | 4,520,610 | 445,490 | 7,560,000 | 5,065,200 |
| 1887.... | 1,421,151 | 13,785,000 | 11,165,850 | 1,199,400 | 9,595,000 | 7,388,150 | 544,977 | 5,450,000 | 4,360,000 | 635,838 | 4,832,000 | 3,913,920 | 463,610 | 8,345,000 | 5,591,150 |
| 1888.... | 1,392,728 | 18,802,000 | 20,118,140 | 1,211,394 | 10,297,000 | 9,576,210 | 572,226 | 6,066,000 | 6,066,000 | 623,121 | 5,172,000 | 5,172,000 | 486,791 | 9,006,000 | 7,024,680 |
| 1889.... | 1,350,946 | 16,617,000 | 14,124,141 | 1,211,394 | 9,085,000 | 6,904,946 | 600,837 | 6,189,000 | 4,579,580 | 810,057 | 6,804,000 | 5,851,852 | 415,500 | 6,856,000 | 4,799,025 |
| 1890.... | 1,337,437 | 16,049,000 | 15,888,752 | 1,175,052 | 7,873,000 | 7,636,663 | 510,711 | 3,575,000 | 3,396,228 | 801,956 | 5,614,000 | 5,389,144 | 436,275 | 8,071,000 | 6,134,027 |
| 1891.... | 1,337,437 | 20,864,000 | 20,864,017 | 1,196,553 | 11,626,000 | 10,812,147 | 536,247 | 6,435,000 | 5,598,419 | 850,073 | 7,651,000 | 7,650,657 | 698,040 | 12,216,000 | 9,161,775 |
| 1892.... | 1,324,068 | 19,331,000 | 15,658,369 | 898,915 | 8,540,000 | 5,806,991 | 445,085 | 5,475,000 | 4,105,910 | 799,069 | 7,591,000 | 5,769,279 | 523,530 | 9,006,000 | 5,222,785 |
| 1893.... | 1,310,823 | 18,351,508 | 11,928,480 | 809,024 | 7,443,021 | 4,242,522 | 431,782 | 4,533,186 | 2,629,248 | 775,097 | 8,681,086 | 5,469,084 | 486,883 | 9,883,735 | 4,744,188 |

a Not separately stated.

**No. 234.—Estimated Annual Acreage, Product, and Value of the WHEAT CROP in the PRINCIPAL and all other STATES and TERRITORIES, from 1868 to 1893, inclusive—Continued.**

| Year. | West Virginia. | | | Wisconsin. | | | All other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. | Acreage. | Production. | Home value. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* | *Acres.* | *Bushels.* | *Dollars.* |
| 1868 | a..... | a..... | a..... | 1,743,076 | 22,660,000 | 22,660,000 | 1,162,923 | 10,365,600 | 21,587,120 | 18,460,132 | 224,036,600 | 319,195,290 |
| 1869 | a..... | a..... | a..... | 1,568,627 | 24,000,000 | 16,320,000 | 1,254,726 | 14,601,000 | 22,160,000 | 19,181,004 | 260,146,900 | 344,924,120 |
| 1870 | a..... | a..... | a..... | 1,528,731 | 20,485,000 | 18,436,500 | 1,259,625 | 13,638,700 | 18,990,485 | 18,992,591 | 235,884,700 | 245,865,045 |
| 1871 | a..... | a..... | a..... | 1,511,147 | 18,436,000 | 20,463,960 | 1,293,099 | 12,618,400 | 18,933,870 | 19,943,893 | 230,722,400 | 290,411,820 |
| 1872 | a..... | a..... | a..... | 1,559,930 | 22,307,000 | 22,976,210 | 1,271,741 | 14,241,100 | 21,918,035 | 20,858,859 | 249,997,100 | 310,180,375 |
| 1873 | a..... | a..... | a..... | 1,595,273 | 26,322,000 | 25,532,340 | 1,254,459 | 13,291,700 | 20,409,165 | 22,171,676 | 281,254,700 | 323,594,805 |
| 1874 | a..... | a..... | a..... | 1,603,130 | 18,436,000 | 15,301,880 | 1,378,023 | 15,243,700 | 19,999,365 | 24,967,027 | 308,102,700 | 291,107,895 |
| 1875 | a..... | a..... | a..... | 1,800,000 | 25,200,000 | 22,932,000 | 1,604,901 | 16,576,000 | 21,599,890 | 26,381,512 | 292,136,000 | 294,580,990 |
| 1876 | a..... | a..... | a..... | 1,866,666 | 16,800,000 | 16,968,000 | 1,794,861 | 18,229,500 | 21,901,050 | 27,627,021 | 289,956,500 | 300,259,300 |
| 1877 | a..... | a..... | a..... | 1,466,667 | 22,000,000 | 20,460,000 | 1,880,369 | 22,174,800 | 27,566,175 | 26,277,546 | 364,194,146 | 394,695,779 |
| 1878 | a..... | a..... | a..... | 1,706,000 | 21,154,400 | 14,173,448 | 2,882,660 | 30,249,100 | 24,814,850 | 32,108,560 | 420,122,400 | 326,346,424 |
| 1879 | a..... | a..... | a..... | 1,632,200 | 20,565,720 | 21,388,349 | 2,884,850 | 33,305,500 | 38,563,289 | 32,545,950 | 448,756,680 | 497,030,142 |
| 1880 | a..... | a..... | a..... | 1,753,130 | 16,654,735 | 16,654,735 | 2,611,165 | 28,285,627 | 29,784,552 | 37,986,717 | 498,549,868 | 474,201,850 |
| 1881 | a..... | a..... | a..... | 1,595,300 | 17,987,000 | 21,404,530 | 2,568,620 | 27,981,090 | 36,340,267 | 37,709,020 | 383,280,090 | 456,880,427 |
| 1882 | 430,000 | 4,854,300 | 4,611,585 | 1,610,000 | 23,145,400 | 20,830,860 | 922,382 | 10,994,470 | 12,672,167 | 37,067,194 | 504,185,470 | 445,602,125 |
| 1883 | 425,700 | 4,257,000 | 4,597,560 | 1,593,900 | 19,604,900 | 17,252,312 | 925,570 | 11,599,860 | 12,499,228 | 36,455,593 | 421,086,160 | 383,649,282 |
| 1884 | 316,425 | 3,318,000 | 2,654,400 | 1,434,510 | 20,088,000 | 12,049,800 | 975,187 | 12,383,000 | 10,493,080 | 39,475,885 | 512,765,000 | 330,862,280 |
| 1885 | 268,961 | 1,493,000 | 1,507,930 | 1,362,785 | 15,665,000 | 11,905,400 | 952,095 | 11,860,000 | 10,612,090 | 34,189,246 | 357,112,000 | 275,320,390 |
| 1886 | 287,788 | 3,061,000 | 2,448,800 | 1,281,018 | 14,725,000 | 10,013,000 | 947,767 | 12,130,000 | 9,971,970 | 36,806,184 | 457,218,000 | 314,226,020 |
| 1887 | 302,177 | 2,840,000 | 2,158,400 | 1,268,208 | 13,063,000 | 8,360,320 | 943,681 | 12,138,000 | 9,933,360 | 37,641,783 | 456,329,000 | 310,612,960 |
| 1888 | 305,199 | 2,899,000 | 2,783,040 | 1,204,798 | 13,855,000 | 13,300,800 | 1,038,835 | 12,949,000 | 12,508,930 | 37,336,138 | 415,868,000 | 385,248,030 |
| 1889 | 308,251 | 3,144,000 | 2,609,653 | 1,192,750 | 16,937,000 | 11,686,565 | 1,003,961 | 12,532,000 | 10,304,759 | 38,123,859 | 490,560,000 | 342,491,707 |
| 1890 | 302,086 | 2,326,000 | 2,209,759 | 1,073,475 | 13,096,000 | 10,870,008 | 988,070 | 11,775,000 | 10,485,329 | 36,087,154 | 399,262,000 | 334,773,878 |
| 1891 | 332,295 | 3,423,000 | 3,285,733 | 966,128 | 13,043,000 | 10,955,892 | 1,024,847 | 14,232,000 | 12,757,502 | 39,916,897 | 611,780,000 | 513,472,711 |
| 1892 | 402,077 | 4,302,000 | 3,226,668 | 766,429 | 8,814,000 | 5,464,639 | 753,925 | 11,120,000 | 7,837,861 | 38,554,430 | 515,949,000 | 322,111,881 |
| 1893 | 398,056 | 4,577,644 | 3,295,904 | 651,465 | 8,664,483 | 4,678,822 | 772,014 | 10,279,893 | 6,759,580 | 34,629,418 | 896,131,725 | 213,171,381 |

a Not separately stated.

No. 235.—Estimated Annual Production, Acreage, Total Value, Value per Bushel, Yield per Acre, and Value per Acre of the CEREAL CROPS of the United States, from 1870 to 1893, inclusive.

[From the Annual Reports of the Department of Agriculture.]

## CORN.

| Calendar year. | TOTAL. | | | AVERAGE. | | |
|---|---|---|---|---|---|---|
| | Production. | Area of crop. | Value of crop. | Value per bushel. | Yield per acre. | Value of yield per acre. |
| | *Bushels.* | *Acres.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1870 | 1,094,255,000 | 38,646,977 | 601,839,030 | 54.9 | 28·3 | 15.57 |
| 1871 | 991,898,000 | 34,091,137 | 478,275,900 | 48.2 | 29·1 | 14.02 |
| 1872 | 1,092,719,000 | 35,526,836 | 435,149,290 | 39.8 | 30·7 | 12.24 |
| 1873 | 932,274,000 | 39,197,148 | 447,133,020 | 48.0 | 23·8 | 11.41 |
| 1874 | 850,148,500 | 41,036,918 | 550,043,080 | 64.7 | 20·7 | 13.40 |
| 1875 | 1,321,069,000 | 44,841,371 | 555,445,930 | 42.0 | 29·4 | 12.38 |
| 1876 | 1,283,827,500 | 49,033,364 | 475,491,210 | 37.0 | 26·1 | 9.69 |
| 1877 | 1,342,558,000 | 50,369,113 | 480,643,400 | 35.8 | 26·6 | 9.54 |
| 1878 | 1,388,218,750 | 51,585,000 | 441,153,405 | 31.8 | 26·9 | 8.55 |
| 1879 | 1,547,901,790 | 53,085,450 | 580,486,217 | 37.5 | 29·2 | 10.93 |
| 1880 | 1,717,434,543 | 62,317,842 | 679,714,499 | 39.6 | 27·6 | 10.91 |
| 1881 | 1,194,916,000 | 64,262,025 | 759,482,170 | 63.6 | 18·6 | 11.82 |
| 1882 | 1,617,025,100 | 65,659,545 | 783,867,175 | 48.5 | 24·6 | 11.94 |
| 1883 | 1,551,066,895 | 68,301,889 | 658,051,485 | 42.0 | 22·7 | 9.63 |
| 1884 | 1,795,528,000 | 69,683,780 | 640,735,560 | 36.0 | 25·8 | 9.19 |
| 1885 | 1,936,176,000 | 73,130,150 | 635,674,630 | 33.0 | 26·5 | 8.69 |
| 1886 | 1,665,441,000 | 75,694,208 | 610,811,000 | 36.6 | 22 | 8.06 |
| 1887 | 1,456,161,000 | 72,392,720 | 646,106,770 | 41.4 | 20.1 | 8.93 |
| 1888 | 1,987,790,000 | 75,672,763 | 677,561,580 | 34.1 | 26·2 | 8.94 |
| 1889 | 2,112,892,000 | 78,326,056 | 597,918,829 | 28.3 | 27 | 7.63 |
| 1890 | 1,489,970,000 | 71,970,763 | 754,433,451 | 50.6 | 20·7 | 10.48 |
| 1891 | 2,060,154,000 | 76,204,515 | 836,439,228 | 40.6 | 27 | 10.97 |
| 1892 | 1,628,464,000 | 70,626,658 | 642,146,630 | 39.4 | 23·1 | 9.09 |
| 1893 | 1,619,496,131 | 72,036,465 | 591,625,627 | 36.5 | 22·5 | 8.21 |

## WHEAT.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1870 | 235,884,700 | 18,992,591 | 245,865,045 | 104.2 | 12·4 | 12.94 |
| 1871 | 230,722,400 | 19,943,893 | 290,411,820 | 125.8 | 11·5 | 14.56 |
| 1872 | 249,997,100 | 20,858,359 | 310,180,375 | 124.0 | 11·9 | 14.87 |
| 1873 | 281,254,700 | 23,171,676 | 323,594,805 | 115.0 | 12·7 | 14.59 |
| 1874 | 308,102,700 | 24,967,027 | 291,107,895 | 94.1 | 12·3 | 11.66 |
| 1875 | 292,136,000 | 26,381,512 | 294,580,900 | 100.0 | 11 | 11.16 |
| 1876 | 289,956,500 | 27,627,021 | 300,259,300 | 103.1 | 10·5 | 10.86 |
| 1877 | 364,194,146 | 26,277,546 | 394,695,779 | 108.2 | 13·9 | 15.02 |
| 1878 | 420,122,400 | 32,108,560 | 326,346,424 | 77.7 | 13·1 | 10.16 |
| 1879 | 448,756,630 | 32,545,950 | 497,020,142 | 110.8 | 13·8 | 15.27 |
| 1880 | 498,549,868 | 37,986,717 | 474,201,850 | 95.1 | 13·1 | 12.48 |
| 1881 | 383,280,090 | 37,709,020 | 456,880,427 | 119.3 | 10·1 | 12.06 |
| 1882 | 504,185,470 | 37,067,194 | 445,602,125 | 88.4 | 13·6 | 12.02 |
| 1883 | 421,086,160 | 36,455,595 | 383,649,282 | 91.0 | 11·6 | 10.56 |
| 1884 | 512,765,000 | 39,475,885 | 330,862,200 | 65.0 | 13 | 8.38 |
| 1885 | 357,112,000 | 34,189,246 | 275,320,390 | 77.0 | 10·4 | 8.05 |
| 1886 | 457,218,000 | 36,806,184 | 314,226,020 | 68.7 | 12·4 | 8.54 |
| 1887 | 456,329,000 | 37,641,783 | 310,612,960 | 68.1 | 12·1 | 8.25 |
| 1888 | 415,868,000 | 37,336,138 | 385,248,030 | 87.3 | 11·1 | 10.30 |
| 1889 | 490,560,000 | 38,123,859 | 342,491,707 | 69.8 | 12·9 | 8.98 |
| 1890 | 399,262,000 | 36,087,154 | 334,773,678 | 83.8 | 11·1 | 9.28 |
| 1891 | 611,780,000 | 39,916,897 | 513,472,711 | 83.9 | 15·3 | 12.86 |
| 1892 | 515,949,000 | 38,554,430 | 322,111,881 | 62.4 | 13·4 | 8.35 |
| 1893 | 395,131,725 | 34,629,418 | 213,171,381 | 53.9 | 11·4 | 6.16 |

## No. 235.—CEREAL PRODUCTION, ETC. FROM 1870 TO 1893—Continued.

### RYE.

| Calendar year. | TOTAL. | | | AVERAGE. | | |
|---|---|---|---|---|---|---|
| | Production. | Area of crop. | Value of crop. | Value per bushel. | Yield per acre. | Value of yield per acre. |
| | *Bushels.* | *Acres.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1870 | 15,473,600 | 1,176,137 | 12,612,605 | 81.5 | 13.1 | 10.72 |
| 1871 | 15,365,500 | 1,069,531 | 12,145,646 | 79.0 | 14.3 | 11.35 |
| 1872 | 14,888,600 | 1,048,654 | 11,363,693 | 76.3 | 14.1 | 10.84 |
| 1873 | 15,142,000 | 1,150,355 | 11,548,126 | 76.2 | 13.1 | 10.04 |
| 1874 | 14,990,900 | 1,116,716 | 12,870,411 | 85.8 | 13.4 | 11.52 |
| 1875 | 17,722,100 | 1,359,788 | 13,631,900 | 76.9 | 13.0 | 10.02 |
| 1876 | 20,374,800 | 1,468,374 | 13,635,826 | 66.9 | 13.8 | 9.28 |
| 1877 | 21,170,100 | 1,412,902 | 12,542,895 | 59.2 | 14.9 | 8.87 |
| 1878 | 25,842,790 | 1,622,700 | 13,592,826 | 52.6 | 15.9 | 8.38 |
| 1879 | 23,639,460 | 1,625,450 | 15,507,431 | 65.6 | 14.5 | 9.54 |
| 1880 | 24,540,829 | 1,767,619 | 18,564,560 | 75.6 | 13.9 | 10.50 |
| 1881 | 20,704,950 | 1,789,100 | 19,327,415 | 93.3 | 11.6 | 10.80 |
| 1882 | 29,960,037 | 2,227,884 | 18,439,194 | 61.5 | 13.4 | 8.28 |
| 1883 | 28,058,582 | 2,314,754 | 16,300,503 | 58.0 | 12.1 | 7.04 |
| 1884 | 28,640,000 | 2,343,963 | 14,857,040 | 52.0 | 12.2 | 6.34 |
| 1885 | 21,756,000 | 2,129,301 | 12,594,820 | 58.0 | 10.2 | 5.92 |
| 1886 | 24,489,000 | 2,129,918 | 13,181,330 | 53.8 | 11.5 | 6.19 |
| 1887 | 20,693,000 | 2,053,447 | 11,283,140 | 54.5 | 10.1 | 5.50 |
| 1888 | 28,415,000 | 2,364,805 | 16,721,869 | 58.8 | 12.0 | 7.07 |
| 1893 | 26,555,446 | 2,038,485 | 13,612,222 | 51.3 | 13.0 | 6.67 |

### OATS.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1870 | 247,277,400 | 8,792,395 | 107,136,710 | 43.3 | 28.1 | 12.18 |
| 1871 | 255,743,000 | 8,365,809 | 102,570,030 | 40.1 | 30.5 | 12.26 |
| 1872 | 271,747,000 | 9,000,769 | 91,315,710 | 33.6 | 30.1 | 10.14 |
| 1873 | 270,340,000 | 9,751,700 | 101,175,750 | 37.4 | 27.7 | 10.37 |
| 1874 | 240,309,000 | 10,397,412 | 125,047,530 | 52.0 | 22.0 | 11.47 |
| 1875 | 354,317,500 | 11,915,075 | 129,499,930 | 36.5 | 29.7 | 10.86 |
| 1876 | 320,884,000 | 13,358,908 | 112,865,900 | 35.1 | 24.0 | 8.44 |
| 1877 | 406,394,000 | 12,826,148 | 118,661,550 | 29.2 | 31.6 | 9.25 |
| 1878 | 413,578,560 | 13,176,500 | 101,945,330 | 24.6 | 31.4 | 7.74 |
| 1879 | 363,761,320 | 12,683,500 | 120,583,294 | 33.1 | 38.7 | 9.50 |
| 1880 | 417,885,380 | 16,187,977 | 150,243,555 | 36.0 | 25.8 | 9.28 |
| 1881 | 416,481,000 | 16,831,600 | 193,198,970 | 46.4 | 24.7 | 11.48 |
| 1882 | 488,250,610 | 18,494,691 | 183,978,022 | 37.5 | 26.4 | 9.89 |
| 1883 | 571,302,400 | 20,324,962 | 187,040,264 | 32.7 | 28.1 | 9.20 |
| 1884 | 583,628,000 | 21,300,917 | 161,528,470 | 28.0 | 27.4 | 7.58 |
| 1885 | 629,409,000 | 22,783,630 | 179,631,860 | 29.0 | 27.6 | 7.88 |
| 1886 | 624,134,000 | 23,658,474 | 186,137,930 | 29.8 | 26.4 | 7.87 |
| 1887 | 659,618,000 | 25,920,906 | 200,699,790 | 30.4 | 25.4 | 7.74 |
| 1888 | 701,735,000 | 26,998,282 | 195,424,240 | 33.3 | 25.9 | 7.24 |
| 1889 | 751,515,000 | 27,462,316 | 171,781,008 | 22.9 | 27.4 | 6.26 |
| 1890 | 523,621,000 | 26,431,369 | 222,048,486 | 42.4 | 19.8 | 8.40 |
| 1891 | 738,394,000 | 25,581,861 | 232,312,267 | 31.5 | 28.9 | 9.08 |
| 1892 | 661,035,000 | 27,062,825 | 209,253,611 | 31.7 | 24.4 | 7.73 |
| 1893 | 638,854,850 | 27,273,084 | 187,576,092 | 29.4 | 23.4 | 6.90 |

## No. 235.--CEREAL PRODUCTION, ETC., FROM 1870 TO 1893—Continued.

### BARLEY. a

| Calendar year. | TOTAL. | | | AVERAGE. | | |
|---|---|---|---|---|---|---|
| | Production. | Area of crop. | Value of crop. | Value per bushel. | Yield per acre. | Value of yield per acre. |
| | *Bushels.* | *Acres.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1870 | 26, 295, 400 | 1, 108, 924 | 22, 244, 584 | 84. 5 | 23. 7 | 20. 06 |
| 1871 | 26, 718, 500 | 1, 177, 666 | 21, 541, 777 | 80. 6 | 22. 6 | 18. 29 |
| 1872 | 26, 846, 400 | 1, 397, 082 | 19, 837, 773 | 73. 9 | 19. 2 | 14. 20 |
| 1873 | 32, 044, 491 | 1, 387, 106 | 29, 333, 529 | 91. 5 | 23. 1 | 21. 15 |
| 1874 | 32, 552, 500 | 1, 580, 626 | 29, 983, 769 | 92. 1 | 20. 6 | 18. 97 |
| 1875 | 36, 908, 600 | 1, 789, 902 | 29, 952, 082 | 81. 3 | 20. 6 | 16. 73 |
| 1876 | 38, 710, 500 | 1, 766, 511 | 25. 785, 110 | 66. 4 | 21. 9 | 14. 57 |
| 1877 | 34, 441, 400 | 1, 014, 654 | 22, 028, 644 | 64. 0 | 21. 3 | 13. 64 |
| 1878 | 42, 245, 630 | 1, 790, 400 | 24, 483, 315 | 58. 0 | 23. 6 | 13. 67 |
| 1879 | 40, 283, 100 | 1, 680, 700 | 23, 714, 444 | 58. 9 | 24. 0 | 14. 11 |
| 1880 | 45, 165, 346 | 1, 843, 329 | 30, 090, 742 | 66. 6 | 24. 5 | 16. 32 |
| 1881 | 41, 161, 330 | 1, 967, 510 | 33, 862, 513 | 82. 3 | 20. 9 | 17. 21 |
| 1882 | 48, 952, 926 | 2, 272, 103 | 30, 768, 015 | 62. 9 | 21. 5 | 13. 54 |
| 1883 | 50, 136, 097 | 2, 379, 009 | 29, 420, 423 | 58. 7 | 21. 1 | 12. 36 |
| 1884 | 61, 203, 000 | 2, 608, 818 | 29, 779, 170 | 49. 0 | 23. 5 | 11. 42 |
| 1885 | 58, 360, 000 | 2, 729, 359 | 32, 867, 696 | 56. 0 | 21. 4 | 12. 04 |
| 1886 | 59, 428, 000 | 2, 652, 957 | 31, 840, 510 | 53. 6 | 22. 4 | 12. 00 |
| 1887 | 56, 812, 000 | 2, 901, 953 | 29, 464, 890 | 51. 9 | 19. 6 | 10. 15 |
| 1888 | 63, 884, 000 | 2, 996, 382 | 37, 672, 032 | 59. 0 | 21. 3 | 12. 57 |
| 1893 | 69, 869, 495 | 3, 220, 371 | 28, 729, 386 | 41. 1 | 21. 7 | 8. 92 |

### BUCKWHEAT. a

| | | | | | | |
|---|---|---|---|---|---|---|
| 1870 | 9, 841, 500 | 536, 992 | 7, 725, 044 | 78. 4 | 18. 3 | 14. 38 |
| 1871 | 8, 328, 700 | 413, 915 | 6, 900, 268 | 82. 8 | 20. 1 | 16. 67 |
| 1872 | 8, 133, 500 | 448, 497 | 6, 747, 618 | 82. 9 | 18. 1 | 15. 04 |
| 1873 | 7, 837, 700 | 454, 152 | 6, 382, 043 | 81. 4 | 17. 2 | 14. 05 |
| 1874 | 8, 016, 600 | 452, 590 | 6, 477, 885 | 80. 8 | 17. 7 | 14. 31 |
| 1875 | 10, 082, 100 | 575, 530 | 7, 166, 267 | 71. 0 | 17. 5 | 12. 45 |
| 1876 | 9, 668, 800 | 666, 441 | 7, 021, 498 | 72. 6 | 14. 5 | 10. 53 |
| 1877 | 10, 177, 000 | 649, 923 | 6, 998, 810 | 68. 7 | 15. 6 | 10. 76 |
| 1878 | 12, 246, 820 | 673, 100 | 6, 454, 120 | 52. 7 | 18. 2 | 9. 59 |
| 1879 | 13, 140, 000 | 639, 900 | 7, 856, 191 | 59. 8 | 20. 5 | 12. 28 |
| 1880 | 14, 617, 535 | 822, 802 | 8, 682, 488 | 59. 4 | 17. 7 | 10. 55 |
| 1881 | 9, 486, 200 | 828, 815 | 8, 205, 705 | 86. 5 | 11. 4 | 9. 90 |
| 1882 | 11, 019, 353 | 847, 112 | 8, 038, 862 | 73. 0 | 13. 0 | 9. 49 |
| 1883 | 7, 668, 954 | 857, 349 | 6, 303, 980 | 82. 0 | 8. 9 | 7. 35 |
| 1884 | 11, 116, 000 | 879, 403 | 6, 549, 020 | 59. 0 | 12. 6 | 7. 45 |
| 1885 | 12, 626, 000 | 914, 394 | 7, 057, 363 | 56. 0 | 13. 8 | 7. 72 |
| 1886 | 11, 869, 000 | 917, 915 | 6, 465, 120 | 54. 5 | 12. 9 | 7. 04 |
| 1887 | 10, 844, 000 | 910, 506 | 6, 122, 320 | 65. 5 | 11. 9 | 6. 72 |
| 1888 | 12, 050, 000 | 913, 630 | 7, 627, 647 | 63. 3 | 13. 2 | 8. 36 |
| 1893 | 13, 132, 311 | 815, 614 | 7, 074, 450 | 53. 3 | 14. 9 | 8. 67 |

a No estimates of crops prepared by Agricultural Department for 1889, 1890, and 1891.

## No. 236.—Number of FARM ANIMALS in each State and Territory of the United States in 1860, 1870, and 1880, and the Number and Value of the same on January 1, 1890 and 1894.

[1860, 1870, and 1880 from the reports of the United States census, and 1890 and 1892 from the reports of the Department of Agriculture.]

### 1860.

| States and Territories. | Horses. | Mules. | Milch cows. | Oxen. | Sheep. | Swine. |
|---|---|---|---|---|---|---|
| Connecticut | 33,276 | 82 | 98,877 | 143,030 | 117,107 | 75,120 |
| Maine | 60,637 | 104 | 147,314 | 229,619 | 452,472 | 54,788 |
| Massachusetts | 47,786 | 108 | 144,492 | 135,422 | 114,829 | 73,948 |
| New Hampshire | 41,101 | 10 | 94,880 | 169,587 | 310,534 | 51,935 |
| Rhode Island | 7,121 | 10 | 19,700 | 19,405 | 32,624 | 17,478 |
| Vermont | 69,071 | 43 | 170,667 | 195,783 | 752,201 | 52,912 |
| New England States | 258,992 | 357 | 675,930 | 892,846 | 1,779,767 | 326,176 |
| Delaware | 16,562 | 2,294 | 22,595 | 35,126 | 18,857 | 47,848 |
| District of Columbia | 641 | 122 | 639 | 267 | 40 | 1,099 |
| Maryland | 93,406 | 9,829 | 99,463 | 153,778 | 155,765 | 387,756 |
| New Jersey | 79,707 | 6,362 | 138,818 | 99,976 | 135,228 | 236,089 |
| New York | 503,725 | 1,553 | 1,123,634 | 849,540 | 2,617,855 | 910,178 |
| Pennsylvania | 437,654 | 8,832 | 673,547 | 745,946 | 1,631,540 | 1,031,266 |
| Middle States | 1,131,695 | 28,992 | 2,058,696 | 1,884,633 | 4,559,285 | 2,614,236 |
| Alabama | 127,063 | 111,687 | 230,537 | 542,859 | 370,156 | 1,748,321 |
| Georgia | 130,771 | 101,069 | 299,688 | 706,194 | 512,618 | 2,036,116 |
| Florida | 13,446 | 10,910 | 92,974 | 295,086 | 30,158 | 271,742 |
| Kentucky | 355,704 | 117,634 | 269,215 | 566,844 | 938,990 | 2,330,595 |
| Louisiana | 78,703 | 91,762 | 129,662 | 387,145 | 181,253 | 634,525 |
| Mississippi | 117,571 | 110,723 | 207,646 | 522,263 | 352,632 | 1,532,768 |
| North Carolina | 150,661 | 51,388 | 228,623 | 465,187 | 546,749 | 1,883,214 |
| South Carolina | 81,125 | 56,456 | 163,938 | 342,838 | 233,509 | 965,779 |
| Tennessee | 290,882 | 126,345 | 249,514 | 515,218 | 773,317 | 2,347,321 |
| Virginia | 287,579 | 41,015 | 330,713 | 713,754 | 1,043,269 | 1,599,919 |
| Southern States | 1,633,505 | 818,989 | 2,202,510 | 5,057,388 | 4,982,651 | 15,350,300 |
| Arkansas | 140,198 | 57,358 | 171,003 | 396,796 | 202,753 | 1,171,630 |
| Dakota | 84 | 19 | 286 | 515 | 193 | 287 |
| Illinois | 563,736 | 38,539 | 522,634 | 1,061,179 | 769,135 | 2,502,308 |
| Indiana | 520,677 | 28,893 | 363,553 | 705,831 | 991,175 | 3,099,110 |
| Iowa | 175,068 | 5,734 | 189,802 | 350,286 | 259,041 | 934,320 |
| Kansas | 20,344 | 1,496 | 28,550 | 64,905 | 17,569 | 138,224 |
| Michigan | 136,917 | 330 | 179,543 | 300,301 | 1,271,743 | 372,386 |
| Minnesota | 17,065 | 377 | 40,344 | 78,913 | 13,044 | 101,371 |
| Missouri | 361,874 | 80,941 | 345,243 | 823,741 | 937,445 | 2,354,425 |
| Nebraska | 4,449 | 469 | 6,995 | 30,202 | 2,355 | 25,369 |
| New Mexico | 10,066 | 11,291 | 34,369 | 54,360 | 830,116 | 10,313 |
| Ohio | 625,346 | 7,194 | 676,585 | 958,155 | 3,546,767 | 2,251,653 |
| Texas | 325,696 | 63,334 | 601,540 | 2,984,228 | 753,363 | 1,371,532 |
| Utah | 4,565 | 851 | 11,967 | 22,127 | 37,332 | 6,707 |
| Wisconsin | 116,180 | 1,030 | 203,001 | 318,859 | 332,954 | 334,055 |
| Western States and Ter. | 3,022,287 | 297,856 | 3,375,415 | 8,100,398 | 9,964,985 | 14,674,190 |
| California | 160,610 | 3,681 | 205,407 | 974,735 | 1,088,002 | 456,396 |
| Nevada | 541 | 134 | 947 | 4,524 | 376 | 3,571 |
| Oregon | 36,772 | 980 | 53,170 | 100,961 | 86,052 | 81,615 |
| Washington | 4,772 | 159 | 9,660 | 18,799 | 16,157 | 6,383 |
| Pacific States | 202,695 | 4,954 | 269,184 | 1,099,019 | 1,184,587 | 547,965 |
| Total | 6,249,174 | 1,151,148 | 8,581,735 | 17,034,284 | 23,471,275 | 33,512,867 |

No. 236.—Number of FARM ANIMALS in each State and Territory of the United States in 1860, 1870, and 1880, and the Number and Value of the same on January 1, 1890 and 1894—Continued.

1870.

| States and Territories. | Horses. | Mules. | Milch cows. | Oxen. | Sheep. | Swine. |
|---|---|---|---|---|---|---|
| Connecticut | 34,935 | 190 | 98,889 | 119,124 | 83,884 | 51,963 |
| Maine | 71,514 | 336 | 139,259 | 203,802 | 434,666 | 45,766 |
| Massachusetts | 41,039 | 103 | 114,771 | 104,281 | 78,560 | 49,178 |
| New Hampshire | 39,095 | 87 | 90,583 | 132,218 | 248,760 | 33,127 |
| Rhode Island | 7,770 | 43 | 18,806 | 15,569 | 23,933 | 14,667 |
| Vermont | 65,015 | 252 | 180,285 | 140,550 | 580,347 | 46,345 |
| New England States | 259,368 | 961 | 642,593 | 715,544 | 1,450,155 | 241,009 |
| Delaware | 16,770 | 3,584 | 24,082 | 25,908 | 22,714 | 39,818 |
| District of Columbia | 533 | 124 | 657 | 144 | 604 | 577 |
| Maryland | 89,696 | 9,330 | 94,794 | 120,565 | 129,697 | 257,883 |
| New Jersey | 79,708 | 8,853 | 133,331 | 64,157 | 120,067 | 142,563 |
| New York | 536,861 | 4,407 | 1,350,661 | 694,663 | 2,181,578 | 518,251 |
| Pennsylvania | 460,339 | 18,009 | 706,437 | 638,114 | 1,794,301 | 867,548 |
| West Virginia | 90,479 | 2,139 | 104,434 | 197,246 | 552,327 | 268,031 |
| Middle States | 1,274,386 | 46,946 | 2,414,396 | 1,740,797 | 4,801,288 | 2,094,681 |
| Alabama | 80,770 | 76,675 | 170,640 | 316,523 | 241,934 | 719,757 |
| Georgia | 81,777 | 87,426 | 231,310 | 466,593 | 419,465 | 968,568 |
| Florida | 11,902 | 8,835 | 61,922 | 328,993 | 26,599 | 158,908 |
| Kentucky | 317,034 | 99,230 | 247,615 | 452,712 | 936,765 | 1,838,227 |
| Louisiana | 59,738 | 61,338 | 102,076 | 233,185 | 118,602 | 338,326 |
| Mississippi | 90,221 | 85,886 | 173,899 | 327,176 | 232,732 | 814,381 |
| North Carolina | 102,763 | 50,684 | 196,731 | 324,431 | 463,435 | 1,075,215 |
| South Carolina | 44,105 | 41,327 | 98,693 | 150,610 | 124,594 | 395,989 |
| Tennessee | 247,254 | 102,983 | 243,197 | 400,499 | 836,783 | 1,828,690 |
| Virginia | 152,899 | 26,903 | 188,471 | 323,272 | 370,145 | 674,670 |
| Southern States | 1,188,463 | 641,287 | 1,714,554 | 3,323,994 | 3,761,054 | 8,832,739 |
| Arkansas | 92,013 | 36,202 | 128,959 | 228,976 | 161,077 | 841,129 |
| Colorado | 6,446 | 1,178 | 25,017 | 45,719 | 120,928 | 5,509 |
| Dakota | 2,514 | 225 | 4,151 | 8,316 | 1,901 | 2,033 |
| Idaho | 2,151 | 371 | 4,171 | 6,285 | 1,021 | 2,816 |
| Illinois | 853,738 | 85,075 | 640,321 | 1,075,265 | 1,568,286 | 2,703,343 |
| Indiana | 497,883 | 43,259 | 393,736 | 632,448 | 1,612,680 | 1,872,230 |
| Iowa | 433,642 | 25,485 | 369,811 | 636,424 | 855,493 | 1,853,908 |
| Kansas | 117,786 | 11,786 | 123,440 | 250,527 | 109,088 | 206,567 |
| Michigan | 228,302 | 2,353 | 250,859 | 296,670 | 1,985,906 | 417,811 |
| Minnesota | 93,011 | 2,350 | 121,467 | 188,912 | 132,343 | 148,473 |
| Missouri | 493,969 | 111,502 | 398,515 | 755,180 | 1,352,001 | 2,806,430 |
| Montana | 5,289 | 475 | 12,432 | 24,306 | 2,024 | 2,569 |
| Nebraska | 80,511 | 2,632 | 28,940 | 50,968 | 23,725 | 59,449 |
| New Mexico | 5,033 | 6,141 | 16,417 | 41,117 | 619,433 | 11,267 |
| Ohio | 609,722 | 16,065 | 654,390 | 781,827 | 4,928,635 | 1,728,968 |
| Texas | 424,504 | 61,823 | 428,048 | 3,065,995 | 714,351 | 1,202,445 |
| Utah | 11,068 | 2,879 | 17,563 | 21,617 | 59,672 | 3,150 |
| Wisconsin | 252,019 | 4,195 | 308,377 | 384,917 | 1,069,282 | 512,778 |
| Wyoming | 584 | 283 | 707 | 10,423 | 6,409 | 146 |
| Western States and Ter. | 4,160,185 | 413,778 | 3,927,321 | 8,505,912 | 15,323,260 | 13,380,571 |
| Arizona | 335 | 401 | 938 | 4,194 | 803 | 720 |
| California | 192,273 | 17,533 | 164,093 | 467,305 | 2,766,187 | 444,617 |
| Nevada | 7,520 | 990 | 6,174 | 25,343 | 11,018 | 3,295 |
| Oregon | 51,702 | 2,581 | 48,325 | 71,872 | 318,123 | 119,455 |
| Washington | 11,138 | 943 | 16,938 | 30,316 | 44,063 | 17,491 |
| Pacific States and Ter. | 262,968 | 22,448 | 236,468 | 599,029 | 3,142,194 | 585,578 |
| Total | 7,145,370 | 1,125,415 | 8,935,332 | 14,885,276 | 28,477,951 | 25,134,569 |

No. 236.—Number of FARM ANIMALS in each State and Territory of the United States in 1860, 1870, and 1880, and the Number and Value of the same on January 1, 1890 and 1894—Continued.

1880.

| States and Territories. | Horses. | Mules. | Milch cows. | Oxen. | Sheep. | Swine. |
|---|---|---|---|---|---|---|
| Connecticut | 44,940 | 539 | 116,319 | 120,567 | 59,431 | 63,699 |
| Maine | 87,848 | 298 | 150,845 | 183,576 | 565,918 | 74,369 |
| Massachusetts | 59,639 | 243 | 150,435 | 110,616 | 67,979 | 80,128 |
| New Hampshire | 46,773 | 97 | 90,564 | 141,841 | 211,825 | 53,437 |
| Rhode Island | 9,661 | 46 | 21,460 | 14,124 | 17,211 | 14,121 |
| Vermont | 75,215 | 283 | 217,033 | 186,072 | 439,870 | 76,384 |
| New England States | 324,066 | 1,496 | 746,656 | 756,796 | 1,362,234 | 362,133 |
| Delaware | 21,933 | 3,931 | 27,284 | 26,268 | 21,967 | 43,186 |
| District of Columbia | 1,027 | 68 | 1,292 | 275 | ..... | 1,132 |
| Maryland | 117,796 | 12,561 | 122,907 | 139,633 | 171,184 | 335,408 |
| New Jersey | 86,940 | 9,267 | 153,078 | 71,808 | 117,020 | 219,069 |
| New York | 610,358 | 5,072 | 1,487,855 | 901,866 | 1,715,180 | 751,907 |
| Pennsylvania | 533,587 | 22,914 | 854,156 | 876,061 | 1,776,598 | 1,187,968 |
| West Virginia | 126,143 | 6,226 | 156,956 | 301,488 | 674,769 | 510,618 |
| Middle States | 1,497,784 | 60,039 | 2,752,528 | 2,317,419 | 4,476,718 | 3,054,288 |
| Alabama | 113,950 | 121,081 | 271,443 | 479,747 | 347,538 | 1,252,462 |
| Georgia | 98,520 | 132,078 | 315,073 | 594,338 | 527,589 | 1,471,008 |
| Florida | 22,636 | 9,696 | 42,174 | 425,196 | 56,681 | 287,051 |
| Kentucky | 372,648 | 116,153 | 301,382 | 541,912 | 1,090,369 | 2,295,226 |
| Louisiana | 104,428 | 76,674 | 146,454 | 324,147 | 135,631 | 683,489 |
| Mississippi | 112,309 | 129,778 | 268,178 | 449,157 | 287,694 | 1,151,818 |
| North Carolina | 133,686 | 81,871 | 232,133 | 425,298 | 461,638 | 1,453,541 |
| South Carolina | 60,660 | 67,005 | 139,881 | 223,828 | 118,889 | 628,198 |
| Tennessee | 266,119 | 173,498 | 303,900 | 479,774 | 672,789 | 2,160,495 |
| Virginia | 218,838 | 33,598 | 243,061 | 443,123 | 497,289 | 956,451 |
| Southern States | 1,503,794 | 941,342 | 2,264,179 | 4,387,015 | 4,106,007 | 12,219,733 |
| Arkansas | 146,333 | 87,082 | 249,407 | 458,836 | 246,757 | 1,565,096 |
| Colorado | 42,257 | 2,561 | 28,770 | 318,066 | 746,443 | 7,656 |
| Dakota | 41,670 | 2,703 | 40,572 | 100,243 | 90,344 | 69,894 |
| Idaho | 24,300 | 610 | 12,838 | 72,029 | 27,326 | 14,178 |
| Illinois | 1,023,082 | 123,278 | 865,913 | 1,518,409 | 1,037,073 | 5,170,266 |
| Indiana | 581,444 | 51,780 | 494,944 | 868,816 | 1,100,511 | 3,186,413 |
| Iowa | 792,322 | 44,424 | 854,187 | 1,757,849 | 455,359 | 6,084,316 |
| Kansas | 430,907 | 64,869 | 418,333 | 1,082,724 | 499,671 | 1,787,969 |
| Michigan | 378,778 | 5,083 | 384,578 | 507,053 | 2,189,389 | 964,071 |
| Minnesota | 257,282 | 9,019 | 275,545 | 383,505 | 267,598 | 881,415 |
| Missouri | 667,776 | 192,027 | 661,405 | 1,419,527 | 1,411,298 | 4,553,123 |
| Montana | 35,114 | 858 | 11,808 | 161,079 | 184,277 | 10,278 |
| Nebraska | 204,864 | 19,999 | 161,187 | 507,363 | 199,453 | 1,241,734 |
| New Mexico | 14,547 | 9,063 | 12,955 | 153,746 | 2,089,331 | 7,887 |
| Ohio | 736,478 | 19,481 | 767,043 | 1,093,143 | 4,902,496 | 3,141,333 |
| Texas | 805,606 | 132,447 | 606,176 | 3,478,429 | 2,411,683 | 1,950,371 |
| Utah | 38,131 | 2,898 | 32,768 | 62,648 | 233,121 | 17,196 |
| Wisconsin | 352,428 | 7,136 | 478,374 | 650,767 | 1,336,807 | 1,128,826 |
| Wyoming | 11,975 | 671 | 3,730 | 274,343 | 140,225 | 567 |
| Western States and Ter. | 6,585,294 | 776,009 | 6,360,033 | 14,908,578 | 19,508,502 | 31,226,053 |
| Arizona | 6,798 | 891 | 9,156 | 35,827 | 76,524 | 3,819 |
| California | 237,710 | 28,343 | 210,078 | 454,229 | 4,152,349 | 603,556 |
| Nevada | 32,087 | 1,258 | 13,819 | 158,902 | 133,695 | 9,080 |
| Oregon | 124,107 | 2,804 | 59,549 | 356,693 | 1,063,162 | 156,222 |
| Washington | 45,848 | 626 | 27,622 | 106,932 | 292,883 | 46,823 |
| Pacific States and Ter. | 446,550 | 33,922 | 319,724 | 1,112,583 | 5,738,613 | 819,499 |
| Total | 10,357,488 | 1,812,808 | 12,443,120 | 23,482,391 | 35,192,074 | 47,681,700 |

No. 236.—Number of FARM ANIMALS in each State and Territory of the United States in 1860, 1870, and 1880, and the Number and Value of the same on January 1, 1890 and 1894—Continued.

1890.

| States and Territories. | Horses. | | Mules. | | Milch cows. | |
|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Connecticut | 51,376 | 5,343,490 | ..... | ..... | 134,697 | 4,192,589 |
| Maine | 99,657 | 9,388,168 | ..... | ..... | 175,949 | 4,396,725 |
| Massachusetts | 63,838 | 6,678,827 | ..... | ..... | 174,729 | 5,678,693 |
| New Hampshire | 52,402 | 4,662,079 | ..... | ..... | 103,011 | 2,846,194 |
| Rhode Island | 10,258 | 1,110,325 | ..... | ..... | 24,041 | 745,271 |
| Vermont | 84,353 | 6,718,276 | ..... | ..... | 234,642 | 5,572,748 |
| New England States | 361,884 | 33,900,665 | ..... | ..... | 847,269 | 23,434,230 |
| Delaware | 23,000 | 2,103,580 | 4,184 | 462,269 | 29,543 | 812,433 |
| Maryland | 130,303 | 9,654,144 | 13,761 | 1,419,846 | 141,826 | 3,454,861 |
| New Jersey | 96,294 | 9,981,703 | 9,501 | 1,091,214 | 133,493 | 6,335,004 |
| New York | 673,950 | 64,834,410 | 5,288 | 537,577 | 1,552,373 | 43,637,205 |
| Pennsylvania | 606,931 | 56,973,887 | 24,021 | 2,502,471 | 938,665 | 26,338,949 |
| West Virginia | 146,647 | 9,638,581 | 6,867 | 514,411 | 179,939 | 3,872,267 |
| Middle States | 1,677,125 | 153,136,305 | 63,622 | 6,527,788 | 3,025,839 | 84,440,759 |
| Alabama | 134,805 | 9,740,488 | 143,258 | 12,456,913 | 311,895 | 4,926,519 |
| Georgia | 115,629 | 9,582,125 | 155,700 | 15,119,264 | 354,618 | 6,113,614 |
| Florida | 34,737 | 2,741,986 | 13,000 | 1,255,694 | 54,951 | 901,196 |
| Kentucky | 390,577 | 28,474,801 | 155,858 | 11,712,918 | 317,093 | 6,877,747 |
| Louisiana | 124,650 | 6,461,356 | 94,785 | 8,078,679 | 177,613 | 2,896,644 |
| Mississippi | 139,468 | 9,198,458 | 196,436 | 17,008,569 | 309,234 | 4,756,019 |
| North Carolina | 154,229 | 11,347,464 | 96,295 | 7,881,118 | 272,155 | 4,365,366 |
| South Carolina | 70,303 | 6,180,148 | 79,269 | 7,664,256 | 156,576 | 3,350,705 |
| Tennessee | 303,206 | 21,452,283 | 229,246 | 16,327,003 | 377,740 | 6,414,025 |
| Virginia | 259,317 | 18,172,031 | 36,083 | 3,116,584 | 273,086 | 5,244,854 |
| Southern States | 1,726,921 | 123,351,135 | 1,199,930 | 100,620,997 | 2,603,620 | 45,848,669 |
| Arkansas | 187,153 | 10,612,675 | 129,866 | 9,042,968 | 329,121 | 4,482,626 |
| Colorado | 137,835 | 7,631,317 | 8,000 | 696,487 | 65,563 | 1,993,115 |
| Dakota | 296,555 | 20,667,317 | 16,682 | 1,496,401 | 248,619 | 4,803,319 |
| Idaho | 137,865 | 5,790,330 | 1,704 | 98,332 | 31,750 | 953,509 |
| Illinois | 1,123,978 | 83,301,913 | 109,947 | 8,668,039 | 1,072,473 | 24,259,339 |
| Indiana | 667,577 | 52,677,062 | 53,827 | 4,310,109 | 602,354 | 12,938,564 |
| Iowa | 1,095,300 | 79,626,009 | 42,316 | 3,341,065 | 1,331,888 | 28,356,064 |
| Kansas | 726,318 | 46,117,430 | 94,714, | 7,195,907 | 750,815 | 14,032,733 |
| Michigan | 477,407 | 40,206,792 | 6,095 | 597,427 | 454,926 | 11,937,256 |
| Minnesota | 394,783 | 30,761,148 | 11,412 | 1,010,023 | 492,117 | 10,281,112 |
| Missouri | 789,769 | 47,189,413 | 230,067 | 15,597,676 | 774,122 | 14,344,451 |
| Montana | 216,495 | 8,989,946 | 2,450 | 135,316 | 33,015 | 962,196 |
| Nebraska | 542,036 | 37,787,194 | 45,792 | 4,040,759 | 420,069 | 8,484,390 |
| New Mexico | 52,350 | 1,552,854 | 10,263 | 499,282 | 20,375 | 433,969 |
| Ohio | 771,607 | 62,570,402 | 24,472 | 2,153,409 | 791,316 | 19,624,637 |
| Texas | 1,350,344 | 44,527,176 | 213,146 | 11,343,579 | 843,342 | 11,933,289 |
| Utah | 139,399 | 4,838,522 | 4,055 | 178,342 | 52,910 | 1,169,311 |
| Wisconsin | 437,820 | 33,673,249 | 7,066 | 610,681 | 674,588 | 16,395,743 |
| Wyoming | 141,570 | 5,556,097 | 2,830 | 209,334 | 10,404 | 235,539 |
| Western States and Ter. | 9,686,156 | 624,076,845 | 1,014,784 | 71,226,686 | 8,999,767 | 185,661,176 |
| Arizona | 32,670 | 1,519,155 | 2,936 | 205,520 | 16,790 | 335,800 |
| California | 372,084 | 23,664,984 | 42,803 | 3,347,496 | 268,628 | 7,454,427 |
| Nevada | 51,523 | 2,849,279 | 2,369 | 159,585 | 13,399 | 551,970 |
| Oregon | 186,841 | 8,480,719 | 3,315 | 197,958 | 86,730 | 2,423,216 |
| Washington | 118,633 | 7,537,475 | 1,268 | 108,069 | 83,641 | 3,001,875 |
| Pacific States | 761,751 | 44,051,612 | 52,691 | 4,018,628 | 476,188 | 13,767,288 |
| Total | 14,213,837 | 978,516,562 | 2,331,027 | 182,394,099 | 15,952,883 | 353,152,123 |

**No. 236.**—NUMBER OF FARM ANIMALS IN EACH STATE AND TERRITORY OF THE UNITED STATES IN 1860, 1870, AND 1880, AND THE NUMBER AND VALUE OF THE SAME ON JANUARY 1, 1890 AND 1894—Continued.

1890.

| States and Territories. | Oxen and other cattle. | | Sheep. | | Swine. | |
|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Connecticut | 102,143 | 2,778,071 | 46,759 | 171,956 | 55,598 | 509,503 |
| Maine | 157,386 | 3,739,024 | 542,248 | 1,596,920 | 79,043 | 664,913 |
| Massachusetts | 98,774 | 2,492,663 | 56,530 | 190,789 | 68,580 | 658,997 |
| New Hampshire | 116,169 | 2,772,447 | 192,824 | 561,311 | 52,713 | 484,299 |
| Rhode Island | 12,194 | 332,257 | 20,231 | 72,073 | 13,796 | 124,163 |
| Vermont | 169,053 | 3,834,563 | 362,112 | 1,070,114 | 77,888 | 669,682 |
| New England States | 655,719 | 15,949,025 | 1,220,704 | 3,663,163 | 347,618 | 3,111,557 |
| Delaware | 26,866 | 665,614 | 22,294 | 71,798 | 51,185 | 296,873 |
| Maryland | 127,335 | 2,358,908 | 153,763 | 526,023 | 343,079 | 1,882,648 |
| New Jersey | 67,856 | 1,962,417 | 103,170 | 416,807 | 204,669 | 1,668,973 |
| New York | 783,634 | 22,034,214 | 1,548,426 | 5,481,428 | 686,321 | 4,987,014 |
| Pennsylvania | 852,267 | 20,175,387 | 945,002 | 3,170,671 | 1,193,415 | 8,610,845 |
| West Virginia | 286,538 | 5,156,882 | 508,654 | 1,251,798 | 486,226 | 1,993,139 |
| Middle States | 2,144,496 | 52,353,422 | 3,281,309 | 10,918,525 | 2,964,895 | 19,439,492 |
| Alabama | 454,042 | 4,060,682 | 286,238 | 413,613 | 1,530,001 | 4,643,552 |
| Georgia | 580,816 | 6,408,205 | 411,846 | 640,173 | 1,627,008 | 5,879,540 |
| Florida | 565,201 | 5,016,334 | 110,351 | 220,085 | 358,021 | 867,414 |
| Kentucky | 523,728 | 9,263,546 | 805,978 | 2,198,708 | 2,255,102 | 9,444,369 |
| Louisiana | 295,781 | 2,884,941 | 115,082 | 179,114 | 706,947 | 2,120,842 |
| Mississippi | 441,862 | 4,126,898 | 240,148 | 360,223 | 1,443,813 | 3,919,662 |
| North Carolina | 398,414 | 4,170,321 | 414,819 | 624,718 | 1,291,893 | 4,367,760 |
| South Carolina | 210,396 | 2,767,004 | 102,031 | 189,268 | 670,652 | 2,646,125 |
| Tennessee | 484,578 | 5,660,645 | 511,118 | 968,722 | 2,242,215 | 7,932,059 |
| Virginia | 419,523 | 6,569,393 | 444,563 | 1,151,063 | 1,009,659 | 3,633,764 |
| Southern States | 4,374,291 | 50,927,969 | 3,442,174 | 6,945,687 | 13,135,311 | 44,955,087 |
| Arkansas | 587,212 | 5,072,101 | 269,484 | 401,990 | 1,663,275 | 4,091,657 |
| Colorado | 1,048,933 | 17,595,648 | 1,783,891 | 3,778,281 | 29,508 | 180,737 |
| Dakota | 822,017 | 12,980,555 | 266,329 | 703,108 | 476,569 | 2,389,518 |
| Idaho | 374,247 | 6,175,076 | 487,357 | 1,072,185 | 31,000 | 155,000 |
| Illinois | 1,713,966 | 32,076,531 | 688,387 | 2,090,287 | 5,433,250 | 30,517,479 |
| Indiana | 957,843 | 18,027,577 | 1,278,000 | 3,922,821 | 2,845,302 | 15,435,196 |
| Iowa | 2,577,161 | 46,455,399 | 475,816 | 1,330,382 | 5,805,000 | 34,481,700 |
| Kansas | 1,829,422 | 30,563,967 | 438,313 | 870,271 | 2,734,195 | 15,256,810 |
| Michigan | 547,716 | 11,710,832 | 2,240,841 | 6,858,766 | 978,755 | 5,187,400 |
| Minnesota | 617,256 | 10,188,617 | 327,375 | 800,105 | 527,526 | 2,847,586 |
| Missouri | 1,515,935 | 24,221,922 | 1,198,200 | 2,506,754 | 5,096,000 | 18,569,824 |
| Montana | 981,786 | 16,925,993 | 1,989,845 | 4,467,799 | 29,254 | 198,926 |
| Nebraska | 1,306,372 | 22,242,548 | 239,400 | 503,338 | 2,309,779 | 12,985,579 |
| New Mexico | 1,383,357 | 15,560,693 | 3,092,736 | 3,872,106 | 22,593 | 113,010 |
| Ohio | 986,601 | 22,317,518 | 3,943,589 | 11,927,384 | 2,611,014 | 18,619,047 |
| Texas | 7,167,853 | 63,294,293 | 4,752,640 | 7,239,696 | 2,821,246 | 8,073,292 |
| Utah | 426,170 | 5,999,615 | 2,055,900 | 4,281,617 | 47,641 | 326,819 |
| Wisconsin | 805,170 | 13,772,432 | 809,009 | 2,202,446 | 1,087,902 | 6,141,208 |
| Wyoming | 1,217,890 | 18,240,947 | 1,017,373 | 2,249,921 | 5,200 | 34,424 |
| Western States and Ter. | 26,866,907 | 393,422,264 | 27,354,485 | 61,079,257 | 34,055,009 | 170,605,212 |
| Arizona | 604,170 | 9,062,550 | 698,404 | 1,152,367 | 20,140 | 90,630 |
| California | 697,805 | 11,719,707 | 4,035,120 | 8,409,190 | 647,000 | 3,175,476 |
| Nevada | 373,527 | 5,426,224 | 700,986 | 1,323,882 | 19,232 | 101,931 |
| Oregon | 762,728 | 13,079,341 | 2,929,830 | 5,622,344 | 270,164 | 1,153,059 |
| Washington | 360,381 | 8,684,635 | 673,060 | 1,545,346 | 143,411 | 785,892 |
| Pacific States and Ter. | 2,807,611 | 47,972,457 | 9,037,400 | 18,053,129 | 1,099,947 | 5,306,988 |
| Total | 36,849,024 | 560,625,137 | 44,336,072 | 100,659,761 | 51,602,780 | 243,418,336 |

No. 236.—Number of FARM ANIMALS in each State and Territory of the United States in 1860, 1870, and 1880, and the Number and Value of the same on January 1, 1890 and 1894—Continued.

1894.

| States and Territories. | Horses. | | Mules. | | Milch cows. | |
|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Connecticut | 45,766 | 4,116,471 | ..... | ..... | 137,582 | 3,961,023 |
| Maine | 116,604 | 7,354,453 | ..... | ..... | 177,602 | 3,795,355 |
| Massachusetts | 65,760 | 4,602,581 | ..... | ..... | 178,135 | 5,789,388 |
| New Hampshire | 56,741 | 3,267,145 | ..... | ..... | 112,585 | 2,455,479 |
| Rhode Island | 10,443 | 996,565 | ..... | ..... | 24,765 | 658,749 |
| Vermont | 94,825 | 5,171,851 | ..... | ..... | 246,022 | 6,212,056 |
| New England States | 390,139 | 25,709,066 | ..... | ..... | 876,691 | 22,892,650 |
| Delaware | 29,386 | 1,484,924 | 5,550 | 483,343 | 33,836 | 828,932 |
| Maryland | 136,359 | 8,641,027 | 13,213 | 1,208,013 | 147,526 | 3,486,939 |
| New Jersey | 83,321 | 7,105,037 | 8,296 | 843,644 | 190,734 | 6,712,537 |
| New York | 702,821 | 50,466,294 | 4,819 | 376,334 | 1,572,443 | 40,537,581 |
| Pennsylvania | 659,484 | 42,053,101 | 36,513 | 2,989,014 | 988,382 | 23,975,669 |
| West Virginia | 163,312 | 7,586,792 | 7,601 | 421,036 | 182,265 | 3,490,375 |
| Middle States | 1,774,683 | 117,337,175 | 75,992 | 6,321,384 | 3,065,186 | 79,032,474 |
| Alabama | 119,806 | 6,866,130 | 125,936 | 8,455,692 | 311,743 | 3,881,209 |
| Georgia | 105,984 | 7,786,699 | 161,204 | 14,240,462 | 312,742 | 5,141,478 |
| Florida | 33,144 | 2,200,674 | 8,365 | 724,721 | 114,332 | 1,564,062 |
| Kentucky | 430,941 | 24,237,842 | 150,225 | 8,253,398 | 329,552 | 6,719,565 |
| Louisiana | 130,804 | 6,047,731 | 92,805 | 7,316,191 | 175,784 | 2,900,436 |
| Mississippi | 164,250 | 8,654,912 | 150,860 | 10,109,598 | 302,959 | 3,911,201 |
| North Carolina | 134,517 | 9,712,005 | 109,762 | 8,521,935 | 274,794 | 4,119,162 |
| South Carolina | 62,635 | 5,130,853 | 95,994 | 9,208,744 | 125,619 | 2,571,421 |
| Tennessee | 334,408 | 18,839,662 | 198,171 | 11,675,375 | 351,499 | 5,783,150 |
| Virginia | 251,145 | 14,074,839 | 39,422 | 2,756,406 | 276,617 | 5,001,235 |
| Southern States | 1,767,634 | 103,551,347 | 1,132,744 | 81,262,522 | 2,575,641 | 41,591,919 |
| Arkansas | 196,545 | 8,958,806 | 139,882 | 8,457,762 | 328,697 | 3,536,780 |
| Colorado | 194,731 | 5,894,768 | 9,163 | 559,563 | 76,124 | 1,755,419 |
| Idaho | 144,688 | 6,945,024 | 990 | 45,293 | 30,419 | 659,180 |
| Illinois | 1,308,771 | 56,799,353 | 104,720 | 5,367,573 | 1,039,121 | 26,102,720 |
| Indiana | 761,954 | 33,331,935 | 57,688 | 3,241,815 | 656,982 | 15,872,695 |
| Iowa | 1,367,329 | 59,792,200 | 36,187 | 1,938,145 | 1,278,231 | 30,127,995 |
| Kansas | 950,564 | 38,421,979 | 97,019 | 5,182,029 | 668,914 | 12,140,780 |
| Michigan | 503,779 | 30,335,949 | 3,026 | 237,536 | 468,711 | 13,250,460 |
| Minnesota | 498,772 | 29,640,542 | 9,269 | 656,370 | 572,196 | 11,209,140 |
| Missouri | 1,008,361 | 38,569,008 | 256,828 | 11,791,483 | 784,841 | 13,888,140 |
| Montana | 196,519 | 5,108,703 | 994 | 45,217 | 36,419 | 898,457 |
| Nebraska | 708,519 | 29,106,808 | 46,939 | 2,672,932 | 535,536 | 10,501,951 |
| New Mexico | 92,963 | 1,468,507 | 3,747 | 117,530 | 18,400 | 328,000 |
| North Dakota | 163,490 | 9,436,849 | 7,840 | 563,274 | 140,700 | 2,784,453 |
| Ohio | 864,360 | 47,408,255 | 20,700 | 1,220,326 | 767,735 | 19,915,046 |
| Oklahoma | 29,515 | 1,165,843 | 5,427 | 263,210 | 20,275 | 364,950 |
| South Dakota | 290,862 | 13,328,256 | 7,380 | 447,712 | 290,550 | 5,555,216 |
| Texas | 1,183,895 | 32,203,376 | 253,839 | 11,351,585 | 808,515 | 11,189,848 |
| Utah | 69,112 | 1,516,263 | 1,789 | 56,123 | 56,143 | 1,010,574 |
| Wisconsin | 475,674 | 27,193,118 | 5,025 | 318,579 | 787,390 | 19,165,073 |
| Wyoming | 82,524 | 1,988,009 | 1,505 | 85,870 | 17,815 | 438,349 |
| Western States and Ter. | 11,092,936 | 483,613,551 | 1,077,957 | 54,619,877 | 9,383,714 | 200,695,060 |
| Arizona | 52,697 | 1,146,160 | 1,327 | 40,805 | 14,878 | 280,365 |
| California | 513,636 | 21,562,949 | 63,033 | 3,553,899 | 329,161 | 8,498,937 |
| Nevada | 55,793 | 1,316,764 | 1,604 | 62,965 | 18,196 | 533,143 |
| Oregon | 235,607 | 6,947,718 | 6,182 | 278,064 | 110,398 | 2,356,997 |
| Washington | 198,076 | 8,040,067 | 1,392 | 96,295 | 108,535 | 3,117,125 |
| Pacific States and Ter. | 1,055,809 | 39,013,658 | 73,538 | 4,032,028 | 581,168 | 14,766,567 |
| Total | 16,081,201 | 769,224,797 | 2,360,231 | 146,235,811 | 16,482,400 | 358,978,670 |

No. 236.—Number of FARM ANIMALS in each State and Territory of the United States in 1860, 1870, and 1880, and the Number and Value of the same on January 1, 1890 and 1894—Continued.

1894.

| States and Territories. | Oxen and other cattle. | | Sheep. | | Swine. | |
|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Connecticut | 76,886 | 2,125,980 | 89,930 | 138,914 | 58,786 | 579,596 |
| Maine | 130,528 | 3,181,617 | 326,937 | 671,855 | 79,995 | 695,476 |
| Massachusetts | 86,422 | 2,308,502 | 51,441 | 187,760 | 63,895 | 724,622 |
| New Hampshire | 92,898 | 2,107,888 | 115,471 | 274,821 | 51,658 | 538,151 |
| Rhode Island | 11,713 | 247,451 | 11,279 | 41,168 | 13,481 | 152,064 |
| Vermont | 152,681 | 3,003,164 | 280,170 | 604,719 | 76,268 | 695,032 |
| New England States | 551,128 | 12,974,602 | 825,228 | 1,919,237 | 339,083 | 3,384,941 |
| Delaware | 26,544 | 462,924 | 12,873 | 40,968 | 52,167 | 198,234 |
| Maryland | 112,644 | 2,454,888 | 145,446 | 447,843 | 328,732 | 2,335,475 |
| New Jersey | 52,641 | 1,532,272 | 57,571 | 235.177 | 182,830 | 1,981,880 |
| New York | 706,597 | 18,484,989 | 1,388,051 | 3,962,885 | 658,605 | 5,940,680 |
| Pennsylvania | 737,919 | 15,965,972 | 1,473,494 | 4,530,700 | 1,033,517 | 9,077,483 |
| West Virginia | 354,376 | 5,387,721 | 765,705 | 1,619,772 | 407,344 | 1,975,698 |
| Middle States | 1,990,721 | 44,288,761 | 3,843,140 | 10,847,345 | 2,663,195 | 21,509,450 |
| Alabama | 545,134 | 3,735,805 | 343,832 | 421,057 | 1,514,249 | 4,988,698 |
| Georgia | 557,645 | 5,350,268 | 411,169 | 646,687 | 1,791,567 | 7,454,352 |
| Florida | 375,981 | 3,111,393 | 112,885 | 202,335 | 388,074 | 924,548 |
| Kentucky | 599,004 | 9,417,597 | 1,163,098 | 2,797,483 | 1,794,849 | 8,595,892 |
| Louisiana | 391,131 | 3,544,504 | 184,273 | 279,634 | 806,168 | 3,019,904 |
| Mississippi | 555,588 | 4,268,368 | 415,855 | 588,435 | 1,577,209 | 5,478,907 |
| North Carolina | 386,463 | 4,308,446 | 376,309 | 559,195 | 1,334,966 | 5,328,916 |
| South Carolina | 161,668 | 1,955,390 | 78,384 | 123,690 | 767,521 | 4,165,799 |
| Tennessee | 575,206 | 6,006,704 | 519,770 | 939,952 | 1,930,049 | 9,265,780 |
| Virginia | 411,006 | 6,206,936 | 488,432 | 1,247,651 | 920,228 | 4,060,044 |
| Southern States | 4,558,826 | 47,905,406 | 4,094,009 | 7,806,119 | 12,824,879 | 53,282,835 |
| Arkansas | 654,376 | 4,593,263 | 228,310 | 307,054 | 1,547,689 | 4,961,892 |
| Colorado | 996,301 | 15,468,276 | 1,293,058 | 2,396,295 | 26,021 | 192,424 |
| Idaho | 429,947 | 5,374,338 | 779,547 | 1,753,981 | 58,725 | 478,609 |
| Illinois | 1,553,383 | 28,984,266 | 1,032,976 | 2,450,632 | 3,422,454 | 23,988,664 |
| Indiana | 904,001 | 18,178,747 | 972,345 | 2,325,654 | 1,815,638 | 12,033,324 |
| Iowa | 2,731,385 | 54,064,497 | 775,222 | 2,004,724 | 5,906,179 | 49,403,718 |
| Kansas | 1,978,322 | 32,713,134 | 323,392 | 635,789 | 2,249,714 | 15,364,873 |
| Michigan | 472,397 | 9,494,054 | 2,392,617 | 5,469,523 | 720,766 | 5,161,405 |
| Minnesota | 778,038 | 10,687,365 | 514.939 | 1,128,129 | 566,967 | 4,184,216 |
| Missouri | 1,850,175 | 28,120,259 | 1,000,953 | 1,914,023 | 3,709,317 | 18,035,671 |
| Montana | 1,056,952 | 16,627,979 | 2,780,908 | 4,891,895 | 39,388 | 363,036 |
| Nebraska | 1,613,223 | 26,941,631 | 277,952 | 643,014 | 2,088,964 | 16,811,981 |
| New Mexico | 1,224,546 | 11,556,533 | 2,921,188 | 3,689,169 | 27,521 | 204,590 |
| North Dakota | 250,566 | 4,219,914 | 370,880 | 754,073 | 99,275 | 654,226 |
| Ohio | 803,236 | 16,780,881 | 3,765,704 | 8,506,725 | 2,350,838 | 15,046,303 |
| Oklahoma | 121,219 | 1,878,895 | 18,222 | 38,266 | 24,158 | 126,830 |
| South Dakota | 467,400 | 7,523,317 | 336,960 | 759,642 | 241,643 | 1,812,061 |
| Texas | 6,591,787 | 62,604,840 | 3,814,405 | 5,075,065 | 2,555,459 | 10,973,142 |
| Utah | 351,584 | 4,075,882 | 1,905,819 | 3,098,480 | 51,850 | 438,887 |
| Wisconsin | 779,224 | 13,651,693 | 1,066,376 | 2,304,225 | 930,228 | 7,317,171 |
| Wyoming | 852,437 | 11,923,042 | 1,198,567 | 2,606,284 | 15,834 | 106,530 |
| Western States and Ter. | 26,460,499 | 385,462,806 | 27,770,340 | 52,752,642 | 28,338,628 | 187,659,573 |
| Arizona | 649,502 | 7,306,898 | 691,246 | 1,209,681 | 19,536 | 141,636 |
| California | 925,578 | 14,962,157 | 3,918,157 | 7,074,625 | 435,663 | 2,427,342 |
| Nevada | 259,078 | 3,360,732 | 544,077 | 1,164,162 | 11,590 | 101,366 |
| Oregon | 804,543 | 12,041,277 | 2,529,759 | 4,433,403 | 210,747 | 979,805 |
| Washington | 408,293 | 8,487,108 | 832,063 | 1,999,796 | 162,977 | 897,678 |
| Pacific States and Ter. | 3,046,994 | 46,158,172 | 8,515,302 | 15,871,667 | 840,513 | 4,547,827 |
| Total | 36,608,168 | 536,789,747 | 45,048,017 | 89,197,000 | 45,206,298 | 270,384,626 |

## No. 237.—Number and Value of Farm Animals in the United States in each year from 1869 to 1894, inclusive.

[From the Annual Reports of the Department of Agriculture.]

| January 1— | Horses. | | Mules. | | Milch cows. | |
|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| 1869 | 6,332,793 | 533,024,787 | 921,662 | 98,386,359 | 9,247,714 | 361,752,676 |
| 1870 | 8,248,800 | 671,319,461 | 1,179,500 | 128,584,796 | 10,095,600 | 394,940,745 |
| 1871 | 8,702,000 | 683,257,587 | 1,242,300 | 126,127,786 | 10,023,000 | 374,179,093 |
| 1872 | 8,990,900 | 659,707,916 | 1,276,300 | 121,027,316 | 10,303,500 | 329,408,983 |
| 1873 | 9,222,470 | 684,463,957 | 1,310,000 | 124,658,085 | 10,575,900 | 314,356,931 |
| 1874 | 9,333,800 | 666,927,406 | 1,339,350 | 119,501,859 | 10,705,300 | 299,609,309 |
| 1875 | 9,504,200 | 646,370,939 | 1,393,750 | 111,502,713 | 10,906,800 | 311,089,824 |
| 1876 | 9,735,300 | 632,446,985 | 1,414,500 | 106,565,114 | 11,085,400 | 320,346,726 |
| 1877 | 10,155,400 | 610,206,631 | 1,443,500 | 99,480,976 | 11,260,800 | 307,743,211 |
| 1878 | 10,329,700 | 600,813,681 | 1,637,500 | 104,323,939 | 11,300,100 | 298,499,866 |
| 1879 | 10,938,700 | 573,254,808 | 1,713,100 | 96,033,971 | 11,826,400 | 256,953,928 |
| 1880 | 11,201,800 | 613,296,611 | 1,729,500 | 105,948,319 | 12,027,000 | 279,899,420 |
| 1881 | 11,429,626 | 667,954,325 | 1,720,731 | 120,096,164 | 12,368,653 | 296,277,060 |
| 1882 | 10,521,554 | 615,824,914 | 1,835,166 | 130,945,378 | 12,611,632 | 326,489,310 |
| 1883 | 10,838,111 | 765,041,308 | 1,871,079 | 148,732,390 | 13,125,685 | 396,575,405 |
| 1884 | 11,169,683 | 833,734,400 | 1,914,126 | 161,214,976 | 13,501,206 | 423,486,649 |
| 1885 | 11,564,572 | 852,282,947 | 1,972,569 | 162,497,097 | 13,904,722 | 412,903,093 |
| 1886 | 12,077,657 | 860,823,208 | 2,052,593 | 163,381,096 | 14,235,388 | 389,985,523 |
| 1887 | 12,496,744 | 901,685,755 | 2,117,141 | 167,057,538 | 14,522,063 | 378,789,589 |
| 1888 | 13,172,936 | 946,096,154 | 2,191,727 | 174,853,563 | 14,856,414 | 366,252,173 |
| 1889 | 13,663,294 | 982,194,827 | 2,257,574 | 179,444,481 | 15,298,625 | 366,226,376 |
| 1890 | 14,213,837 | 978,516,562 | 2,331,027 | 182,394,099 | 15,952,883 | 353,152,133 |
| 1891 | 14,056,750 | 941,823,222 | 2,296,532 | 178,847,370 | 16,019,591 | 346,397,900 |
| 1892 | 15,498,140 | 1,007,593,636 | 2,314,699 | 174,882,070 | 16,416,351 | 351,378,132 |
| 1893 | 16,206,802 | 992,225,185 | 2,331,128 | 164,763,751 | 16,424,087 | 357,299,785 |
| 1894 | 16,081,139 | 769,224,799 | 2,352,231 | 146,232,811 | 15,487,400 | 358,998,661 |

| January 1— | Oxen and other cattle. | | Sheep. | | Swine. | | Total value farm animals. |
|---|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* |
| 1869 | 12,185,385 | 306,211,473 | 37,724,279 | 82,139,979 | 23,316,476 | 146,188,755 | 1,527,704,029 |
| 1870 | 15,388,500 | 346,926,440 | 40,853,000 | 93,364,433 | 26,751,400 | 187,191,502 | 1,822,327,377 |
| 1871 | 16,212,200 | 369,940,056 | 31,851,000 | 74,035,837 | 29,457,500 | 182,602,352 | 1,810,142,711 |
| 1872 | 16,389,800 | 321,562,693 | 31,679,300 | 88,771,197 | 31,796,300 | 138,733,828 | 1,659,211,933 |
| 1873 | 16,413,800 | 329,298,755 | 33,002,400 | 97,922,350 | 32,632,050 | 133,729,615 | 1,684,431,693 |
| 1874 | 16,218,100 | 310,649,803 | 33,928,200 | 88,690,569 | 30,860,900 | 134,565,526 | 1,619,944,473 |
| 1875 | 16,313,400 | 304,858,859 | 33,783,600 | 94,320,652 | 28,062,200 | 149,869,234 | 1,618,012,221 |
| 1876 | 16,785,300 | 319,623,509 | 35,935,300 | 93,666,318 | 25,726,800 | 175,070,484 | 1,647,719,138 |
| 1877 | 17,956,100 | 307,105,386 | 35,804,200 | 80,892,683 | 28,077,100 | 171,077,196 | 1,576,506,063 |
| 1878 | 19,223,300 | 329,541,703 | 35,740,500 | 80,603,062 | 32,262,500 | 160,838,532 | 1,574,620,733 |
| 1879 | 21,408,100 | 329,543,327 | 38,123,800 | 79,023,984 | 34,766,100 | 110,613,044 | 1,445,423,062 |
| 1880 | 21,231,000 | 341,761,154 | 40,765,900 | 90,230,537 | 34,034,100 | 145,781,515 | 1,576,917,556 |
| 1881 | 20,937,702 | 362,861,509 | 43,576,899 | 104,070,759 | 36,247,603 | 170,535,435 | 1,721,795,253 |
| 1882 | 23,280,238 | 463,069,499 | 45,016,224 | 106,595,954 | 44,122,200 | 263,543,195 | 1,906,468,256 |
| 1883 | 28,046,077 | 611,549,109 | 49,237,291 | 124,365,835 | 43,270,086 | 291,951,221 | 2,338,215,268 |
| 1884 | 29,046,101 | 683,229,054 | 50,626,626 | 119,902,706 | 44,200,893 | 246,301,139 | 2,467,868,924 |
| 1885 | 29,866,573 | 694,382,913 | 50,360,243 | 107,960,650 | 45,142,657 | 226,401,683 | 2,456,428,383 |
| 1886 | 31,275,242 | 661,956,274 | 48,322,331 | 92,443,867 | 46,092,043 | 196,569,894 | 2,365,159,862 |
| 1887 | 33,511,750 | 663,137,926 | 44,759,314 | 89,872,839 | 44,612,836 | 200,043,291 | 2,400,596,938 |
| 1888 | 34,378,363 | 611,750,520 | 43,544,755 | 89,279,926 | 44,346,525 | 220,811,062 | 2,409,043,418 |
| 1889 | 35,032,417 | 597,236,812 | 42,599,079 | 90,640,369 | 50,301,592 | 291,307,193 | 2,507,050,056 |
| 1890 | 36,849,024 | 560,625,137 | 44,336,072 | 100,659,761 | 51,602,780 | 243,418,336 | 2,418,766,038 |
| 1891 | 36,875,648 | 544,127,908 | 43,431,136 | 108,397,447 | 50,625,106 | 210,193,923 | 2,329,787,779 |
| 1892 | 37,651,239 | 570,749,155 | 44,938,365 | 116,121,290 | 52,398,019 | 241,031,415 | 2,461,755,686 |
| 1893 | 35,954,196 | 547,882,204 | 47,273,553 | 125,909,264 | 46,094,807 | 295,426,492 | 2,483,506,681 |
| 1894 | 36,608,168 | 536,789,747 | 45,048,017 | 89,186,110 | 45,206,498 | 270,384,626 | 2,170,816,754 |

Note.—The difference in the numbers of animals stated in this table and in the foregoing table, No. 236, for 1870 and 1880, is due to the fact that this table represents the number of animals on farms on the first day of each year, while the census enumeration is made in the month of June preceding.

## No. 238.—Number of PENSION CLAIMS filed and allowed, and the number of PENSIONERS on the rolls at the close of each year, together with the annual AMOUNT PAID on account of Pensions, from 1861 to 1893.

[From the Annual Report of the Commissioner of Pensions.]

| Year ending June 30— | Army. | | Navy. | | Army and Navy. | | War of 1812. | | | | Total number of applications filed. | Total number of claims allowed. | Nnmber of pensioners on the roll. | | | Disbursements. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Applications filed. | | Applications filed. | | Claims allowed. | | Applications filed. | | Claims allowed. | | | | | | | |
| | Invalids. | Widows, etc. | Invalids. | Widows, etc. | Invalids. | Widows, etc. | Survivors. | Widows. | Survivors. | Widows. | | | Invalids. | Widows, etc. | Total. | |
| | | | | | | | | | | | | | | | | *Dollars.* |
| 1861 | | | | | | | | | | | | | 4,337 | 4,299 | 8,636 | 1,072,461.55 |
| 1862 | 1,362 | 1,000 | 60 | 65 | 413 | 49 | | | | | 2,487 | 462 | 4,341 | 3,818 | 8,159 | 790,384.76 |
| 1863 | 26,380 | 22,377 | 290 | 285 | 4,121 | 3,763 | | | | | 49,332 | 7,884 | 7,821 | 6,970 | 14,791 | 1,025,139.91 |
| 1864 | 20,263 | 32,627 | 385 | 324 | 17,041 | 22,446 | | | | | 53,599 | 39,487 | 23,479 | 27,656 | 51,135 | 4,504,616.92 |
| 1865 | 27,299 | 44,464 | 455 | 466 | 15,212 | 24,959 | | | | | 72,684 | 40,171 | 35,880 | 50,106 | 85,986 | 8,525,153.11 |
| 1866 | 35,799 | 28,732 | 350 | 375 | 22,883 | 27,294 | | | | | 65,256 | 50,177 | 55,652 | 71,070 | 126,722 | 18,459,996.43 |
| 1867 | 15,905 | 20,265 | 250 | 333 | 16,589 | 19,893 | | | | | 36,753 | 36,482 | 69,565 | 83,618 | 153,183 | 18,619,956.46 |
| 1868 | 7,292 | 13,099 | 170 | 207 | 9,460 | 19,461 | | | | | 20,768 | 28,921 | 75,957 | 93,686 | 169,643 | 24,010,981.99 |
| 1869 | 11,035 | 14,496 | 290 | 245 | 7,292 | 15,904 | | | | | 26,066 | 23,196 | 82,859 | 105,104 | 187,963 | 28,422,884.08 |
| 1870 | 12,991 | 11,400 | 260 | 200 | 5,721 | 12,500 | | | | | 24,851 | 18,221 | 87,521 | 111,165 | 198,686 | 27,780,811.81 |
| 1871 | 8,837 | 8,985 | 190 | 142 | 7,934 | 8,399 | 20,741 | 5,074 | 198 | 81 | 43,969 | 16,562 | 93,394 | 114,101 | 207,495 | 33,077,383.63 |
| 1872 | 8,857 | 6,755 | 240 | 178 | 6,468 | 7,244 | 6,546 | 3,815 | 17,504 | 3,117 | 26,391 | 34,333 | 113,954 | 118,275 | 232,229 | 30,169,341.00 |
| 1873 | 8,728 | 6,427 | 248 | 120 | 6,551 | 4,073 | 1,481 | 1,299 | 3,186 | 2,242 | 18,303 | 16,052 | 119,500 | 118,911 | 238,411 | 29,185,289.62 |
| 1874 | 9,302 | 5,603 | 228 | 151 | 5,937 | 3,152 | 737 | 713 | 563 | 810 | 16,734 | 10,462 | 121,628 | 114,613 | 236,241 | 30,593,749.56 |
| 1875 | 11,926 | 5,294 | 310 | 178 | 5,760 | 4,736 | 425 | 571 | 240 | 416 | 18,704 | 11,152 | 122,989 | 111,832 | 234,821 | 29,683,116.63 |
| 1876 | 17,030 | 5,264 | 344 | 130 | 5,360 | 4,376 | 319 | 436 | 73 | 168 | 23,523 | 9,977 | 124,239 | 107,898 | 232,137 | 28,351,599.69 |
| 1877 | 16,532 | 5,269 | 271 | 97 | 7,282 | 3,861 | 198 | 348 | 57 | 126 | 22,715 | 11,326 | 128,723 | 103,381 | 232,104 | 28,580,157.04 |
| 1878 | 18,812 | 6,661 | 300 | 131 | 7,414 | 3,550 | 2,786 | 15,897 | 817 | 181 | 44,587 | 11,962 | 131,649 | 92,349 | 223,998 | 26,844,415.18 |
| 1879 | 86,835 | 9,767 | 599 | 215 | 7,242 | 3,379 | 811 | 8,891 | 2,548 | 18,177 | 57,118 | 31,346 | 138,615 | 104,140 | 242,755 | 33,780,526.19 |
| 1880 | 110,673 | 25,602 | 1,361 | 559 | 10,176 | 4,455 | 295 | 2,976 | 284 | 4,630 | 141,466 | 19,545 | 145,410 | 105,392 | 250,802 | 57,240,540.14 |
| 1881 | 18,455 | 10,527 | 515 | 225 | 21,394 | 3,920 | 109 | 1,285 | 115 | 1,965 | 31,116 | 27,394 | 164,110 | 104,720 | 268,830 | 50,626,538.51 |
| 1882 | 29,004 | 10,349 | 472 | 211 | 22,946 | 3,999 | 85 | 818 | 26 | 693 | 40,939 | 27,664 | 182,633 | 103,064 | 285,697 | 54,296,280.54 |
| 1883 | 35,039 | 11,878 | 777 | 251 | 32,014 | 5,303 | 61 | 770 | 23 | 822 | 48,776 | 38,162 | 206,042 | 97,616 | 303,658 | 60,431,972.85 |
| 1884 | 28,962 | 11,289 | 671 | 244 | 27,414 | 6,366 | 52 | 567 | 24 | 388 | 41,785 | 34,192 | 225,470 | 97,286 | 322,756 | 57,273,536.74 |
| 1885 | 27,959 | 11,557 | 725 | 277 | 27,580 | 7,743 | 27 | 373 | 18 | 426 | 40,918 | 35,767 | 247,146 | 97,979 | 345,125 | 65,693,706.72 |

No. 238.—NUMBER OF PENSION CLAIMS FILED AND ALLOWED, AND THE NUMBER OF PENSIONERS ON THE ROLLS AT THE CLOSE OF EACH YEAR, TOGETHER WITH THE ANNUAL AMOUNT PAID ON ACCOUNT OF PENSIONS, FROM 1861 TO 1893—Continued.

| Year ending June 30— | Army. | | Navy. | | Army and Navy. | | War of 1812. | | | | Total number of applications filed. | Total number of claims allowed. | Number of pensioners on the roll. | | | Disbursements. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Applications filed. | | Applications filed. | | Claims allowed. | | Applications filed. | | Claims allowed. | | | | | | | |
| | Invalids. | Widows, etc. | Invalids. | Widows, etc. | Invalids. | Widows, etc. | Survivors. | Widows. | Survivors. | Widows. | | | Invalids. | Widows, etc. | Total. | |
| | | | | | | | | | | | | | | | | *Dollars.* |
| 1886..... | 35,202 | 13,228 | 862 | 265 | 31,937 | 8,610 | 24 | 304 | 5 | 305 | 40,896 | 40,857 | 270,846 | 95,437 | 365,783 | 64,584,270.45 |
| 1887..... | 36,484 | 15,759 | 836 | 338 | 35,283 | 11,217 | 17 | 313 | 8 | 231 | 72,465 | 55,194 | 306,298 | 99,709 | 406,007 | 74,815,486.85 |
| 1888..... | 47,505 | 18,444 | 1,251 | 427 | 35,843 | 10,816 | 23 | 223 | 2 | 251 | 75,726 | 60,252 | 343,701 | 108,856 | 452,557 | 79,646,146.37 |
| 1889..... | 52,152 | 23,597 | 1,312 | 579 | 36,830 | 11,924 | 14 | 183 | 8 | 181 | 81,220 | 51,921 | 373,699 | 116,026 | 489,725 | 89,131,968.44 |
| 1890..... | 71,570 | 28,365 | 2,162 | 788 | 50,395 | 14,612 | 166 | 16 | 4 | 108 | 105,044 | 66,637 | 415,654 | 122,290 | 537,944 | 106,493,890.19 |
| 1891..... | 20,519 | 17,521 | 1,404 | 590 | 41,381 | 11,914 | 11 | 140 | 4 | 79 | 363,799 | 156,486 | 536,821 | 139,339 | 676,160 | 118,548,959.71 |
| 1892..... | 17,482 | 15,765 | 742 | 404 | 17,876 | 7,287 | 11 | 71 | 2 | 46 | 198,345 | 224,047 | 703,242 | 172,826 | 876,068 | 141,086,948.84 |
| 1893..... | 9,213 | 12,000 | 654 | 358 | 10,232 | 7,295 | ..... | 49 | 2 | 16 | 119,861 | 121,630 | 759,706 | 206,306 | 966,012 | 158,155,842.51 |

NOTE.—Total disbursement for pensions 1861 to 1893, inclusive, $1,576,508,544.

No. 239.—Amount of DISBURSEMENTS for PENSIONS, showing First Payments or Arrears separately from Succeeding Payments, from 1877 to 1893.

| Year ending June 30— | Disbursements for pensions. | | Cost of disbursements, etc. | Total disbursements. | Year ending June 30— | Disbursements for pensions. | | Cost of disbursements, etc. | Total disbursements. |
|---|---|---|---|---|---|---|---|---|---|
| | First payments. | Pensions, exclusive of first payments. | | | | First payments. | Pensions, exclusive of first payments. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1877 | 3, 284, 987. 12 | 24, 897, 745. 36 | 357, 473. 56 | 28, 580, 157. 04 | 1886 | 22, 137, 054. 16 | 41, 621, 591. 49 | 826, 624. 80 | 64, 584, 270. 45 |
| 1878 | 2, 992, 352. 17 | 23, 538, 439. 98 | 313, 623. 08 | 26, 844, 415. 13 | 1887 | 25, 166, 990. 06 | 48, 300, 591. 81 | 1, 347, 904. 96 | 74, 815, 486. 85 |
| 1879 | 5, 763, 758. 60 | 27, 725, 979. 96 | 290, 787. 63 | 33, 780, 526. 19 | 1888 | 22, 299, 605. 46 | 56, 568, 841, 28 | 877, 699. 63 | 79, 646, 146. 36 |
| 1880 | 12, 468, 191. 20 | 44, 558, 802. 92 | 213, 546. 02 | 57, 240, 540. 14 | 1889 | 21, 442, 349. 13 | 66, 832, 764. 15 | 856, 855. 16 | 89, 131, 968. 44 |
| 1881 | 23, 628, 176. 61 | 26, 458, 496. 14 | 439, 863. 76 | 50, 626, 538. 51 | 1890 | 38, 721, 866. 03 | 66, 806, 314. 35 | 965, 709. 81 | 106, 493, 890. 19 |
| 1882 | 26, 421, 669. 19 | 27, 408, 390. 05 | 466, 221. 30 | 54, 296, 280. 54 | 1891 | 38, 652, 274. 31 | 78, 326, 898. 41 | 1, 569, 786. 99 | 118, 548, 959. 71 |
| 1883 | 29, 906, 753. 94 | 29, 915, 490. 89 | 609, 738. 02 | 60, 431, 972. 85 | 1892 | 45, 114, 167. 68 | 94, 045, 188. 71 | 1, 927, 592. 45 | 141, 086, 948. 84 |
| 1884 | 23, 413, 815. 10 | 32, 682, 126. 58 | 1, 177, 595. 06 | 57, 273, 536. 74 | 1893 | 33, 756, 549. 38 | 122, 995, 083. 74 | 1, 403, 759. 49 | 158, 155, 342. 51 |
| 1885 | 27, 115, 912. 21 | 37, 317, 375. 91 | 760, 418. 60 | 65, 698, 706. 72 | | | | | |

## No. 240.—Number of PENSIONERS on the Rolls of each Agency on June 30, 1893, compared with the number on the Rolls on June 30, 1892.

[From the Annual Report of the Commissioner of Pensions.]

| Location of agency. | General law. | | | | | Act of June 27, 1890. | | | | War of 1812. | | War with Mexico. | | Indian wars 1832–1842. | | Number of pensioners on the rolls June 30, 1893. | Number of pensioners on the rolls June 30, 1892. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Army. | | | Navy. | | Army. | | Navy. | | | | | | | | | |
| | Invalids. | Nurses. | Widows, etc. | Invalids. | Widows, etc. | Invalids. | Widows, etc. | Invalids. | Widows, etc. | Survivors. | Widows. | Survivors. | Widows. | Survivors. | Widows. | | |
| Topeka | 31,959 | 21 | 6,867 | ..... | ..... | 51,663 | 7,875 | ..... | ..... | 3 | 220 | 1,771 | 824 | 149 | 71 | 101,423 | 91,560 |
| Columbus | 39,634 | 33 | 11,990 | ..... | ..... | 38,304 | 7,483 | ..... | ..... | 6 | 407 | 464 | 269 | 9 | 5 | 98,604 | 90,078 |
| Chicago | 31,263 | 21 | 8,337 | 991 | 355 | 23,208 | 4,786 | 2,540 | 569 | 3 | 222 | 898 | 554 | 130 | 110 | 73,987 | 68,285 |
| Indianapolis | 40,232 | 13 | 8,870 | ..... | ..... | 16,206 | 3,478 | ..... | ..... | 1 | 239 | 613 | 341 | 22 | 18 | 70,033 | 66,755 |
| Washington | 20,348 | 31 | 4,842 | 983 | 533 | 31,513 | 4,245 | 2,942 | 621 | 3 | 599 | 1,252 | 505 | 30 | 25 | 68,422 | 61,440 |
| Philadelphia | 15,799 | 12 | 7,274 | 705 | 401 | 23,390 | 7,417 | 1,587 | 705 | ..... | 284 | 326 | 265 | 14 | 5 | 58,134 | 50,923 |
| Des Moines | 25,975 | 20 | 4,449 | ..... | ..... | 22,402 | 2,923 | ..... | ..... | 3 | 113 | 515 | 202 | 36 | 16 | 56,654 | 52,638 |
| Boston | 17,948 | 32 | 8,981 | 1,314 | 785 | 15,541 | 7,174 | 2,371 | 1,059 | 7 | 495 | 188 | 126 | 8 | 7 | 56,036 | 49,582 |
| Knoxville | 9,882 | 13 | 4,889 | ..... | ..... | 24,535 | 4,802 | ..... | ..... | 9 | 1,042 | 4,183 | 2,681 | 2,001 | 1,090 | 55,067 | 46,362 |
| New York | 14,557 | 24 | 7,275 | 686 | 476 | 17,002 | 8,449 | 2,208 | 1,059 | 11 | 360 | 429 | 272 | 9 | 9 | 52,826 | 45,255 |
| Milwaukee | 23,226 | 10 | 4,913 | ..... | ..... | 17,291 | 2,514 | ..... | ..... | 3 | 81 | 285 | 113 | 31 | 11 | 48,478 | 44,944 |
| Buffalo | 20,640 | 10 | 7,404 | ..... | ..... | 15,269 | 3,688 | ..... | ..... | 13 | 417 | 122 | 62 | 11 | 1 | 47,637 | 43,756 |
| Pittsburg | 14,973 | 4 | 5,053 | ..... | ..... | 21,588 | 4,080 | ..... | ..... | 3 | 141 | 159 | 105 | 2 | 2 | 46,110 | 41,633 |
| Detroit | 20,560 | 11 | 4,972 | ..... | ..... | 16,594 | 2,688 | ..... | ..... | 7 | 152 | 181 | 98 | 11 | 3 | 45,277 | 41,569 |
| Louisville | 8,857 | 6 | 3,753 | ..... | ..... | 13,278 | 2,686 | ..... | ..... | 2 | 210 | 678 | 406 | 20 | 10 | 29,901 | 27,861 |
| Concord | 10,619 | 3 | 3,786 | ..... | ..... | 4,759 | 1,239 | ..... | ..... | 3 | 182 | 52 | 21 | 3 | 1 | 20,618 | 19,672 |
| San Francisco | 4,274 | 16 | 789 | 153 | 33 | 9,101 | 1,210 | 471 | 101 | 1 | 34 | 1,996 | 494 | 56 | 12 | 18,741 | 16,458 |
| Augusta | 9,912 | 4 | 3,245 | ..... | ..... | 3,440 | 1,101 | ..... | ..... | 3 | 277 | 42 | 31 | 2 | 2 | 18,064 | 17,297 |
| Total number of pensioners | 360,658 | 284 | 107,689 | 4,782 | 2,583 | 365,084 | 77,838 | 12,119 | 4,114 | 86 | 5,425 | 14,149 | 7,369 | 2,544 | 1,338 | 966,012 | 876,068 |
| Increase during year | ..... | 284 | ..... | ..... | ..... | 81,350 | 33,142 | 2,785 | 1,197 | ..... | ..... | ..... | 87 | 2,544 | 1,338 | 89,944 | ..... |
| Decrease during year | 29,090 | ..... | 1,041 | 264 | 17 | ..... | ..... | ..... | ..... | 79 | 1,226 | 1,066 | ..... | ..... | ..... | ..... | ..... |

## No. 241.—Comparative Statement of the Business of the United States Patent Office for each Calendar Year from 1841 to 1893, inclusive.

[From the Report of the Commissioner of Patents.]

| Year. | Applications. | Caveats filed. | Patents and reissues. | Cash received. | Cash expended. | Surplus. |
|---|---|---|---|---|---|---|
| | | | | *Dollars.* | *Dollars.* | *Dollars.* |
| 1841 | 847 | 312 | 495 | 40,413.01 | 52,666.87 | ..... |
| 1842 | 761 | 291 | 517 | 36,505.63 | 31,241.43 | 5,264.20 |
| 1843 | 819 | 315 | 519 | 35,315.81 | 30,776.96 | 4,538.85 |
| 1844 | 1,045 | 380 | 497 | 42,509.26 | 36,344.53 | 6,164.73 |
| 1845 | 1,246 | 452 | 503 | 51,076.14 | 39,395.65 | 11,680.49 |
| 1846 | 1,272 | 448 | 638 | 50,264.16 | 46,158.71 | 4,105.45 |
| 1847 | 1,531 | 533 | 569 | 63,111.19 | 41,878.35 | 21,232.84 |
| 1848 | 1,628 | 607 | 653 | 67,576.69 | 58,905.84 | 8,670.85 |
| 1849 | 1,955 | 595 | 1,077 | 80,752.78 | 77,716.44 | 8,036.34 |
| 1850 | 2,193 | 602 | 993 | 86,927.05 | 80,100.95 | 6,826.10 |
| 1851 | 2,258 | 760 | 872 | 95,738.61 | 86,916.93 | 8,821.68 |
| 1852 | 2,639 | 996 | 1,019 | 112,056.34 | 95,916.91 | 16,139.43 |
| 1853 | 2,673 | 901 | 961 | 121,527.45 | 132,869.83 | ..... |
| 1854 | 3,324 | 868 | 1,844 | 163,789.84 | 167,146.32 | ..... |
| 1855 | 4,435 | 906 | 2,013 | 216,459.35 | 179,540.33 | 36,919.02 |
| 1856 | 4,960 | 1,024 | 2,505 | 192,588.02 | 199,931.02 | ..... |
| 1857 | 4,771 | 1,010 | 2,896 | 196,132.01 | 211,582.09 | ..... |
| 1858 | 5,364 | 934 | 3,695 | 203,716.16 | 193,193.74 | 10,522.42 |
| 1859 | 6,225 | 1,097 | 4,504 | 245,942.15 | 210,278.41 | 35,663.74 |
| 1860 | 7,653 | 1,084 | 4,778 | 256,352.59 | 252,820.80 | 3,531.79 |
| 1861 | 4,643 | 700 | 3,329 | 137,354.44 | 221,491.91 | ..... |
| 1862 | 5,088 | 824 | 3,532 | 215,754.99 | 182,810.39 | 32,944.60 |
| 1863 | 6,014 | 787 | 4,184 | 195,593.29 | 189,414.14 | 6,179.15 |
| 1864 | 6,932 | 1,063 | 5,025 | 240,919.78 | 229,868.00 | 11,051.98 |
| 1865 | 10,664 | 1,937 | 6,616 | 348,791.84 | 274,199.34 | 74,592.50 |
| 1866 | 15,269 | 2,723 | 9,458 | 495,665.38 | 361,724.28 | 133,941.10 |
| 1867 | 21,276 | 3,597 | 13,026 | 646,581.92 | 639,263.32 | 7,318.60 |
| 1868 | 20,420 | 3,705 | 13,410 | 681,565.86 | 628,679.77 | 52,886.09 |
| 1869 | 19,271 | 3,624 | 13,997 | 693,145.81 | 486,430.78 | 206,715.03 |
| 1870 | 19,171 | 3,273 | 13,333 | 669,456.76 | 557,149.19 | 112,307.57 |
| 1871 | 19,472 | 3,366 | 13,056 | 678,716.46 | 560,595.08 | 118,121.38 |
| 1872 | 18,246 | 3,090 | 13,613 | 699,726.39 | 665,591.36 | 34,135.03 |
| 1873 | 20,414 | 3,248 | 12,864 | 703,191.77 | 691,178.98 | 12,012.79 |
| 1874 | 21,602 | 3,181 | 13,599 | 738,273.17 | 679,288.41 | 58,989.76 |
| 1875 | 21,638 | 3,094 | 14,837 | 743,453.36 | 721,657.71 | 21,795.65 |
| 1876 | 21,425 | 2,697 | 15,595 | 757,987.65 | 652,542.60 | 105,445.05 |
| 1877 | 20,308 | 2,809 | 14,187 | 732,342.85 | 613,152.62 | 119,190.23 |
| 1878 | 20,260 | 2,755 | 13,444 | 725,375.55 | 593,082.89 | 132,292.66 |
| 1879 | 20,059 | 2,620 | 13,213 | 703,931.47 | 529,638.97 | 174,292.50 |
| 1880 | 23,012 | 2,490 | 13,947 | 749,685.32 | 538,865.17 | 210,820.15 |
| 1881 | 26,059 | 2,406 | 16,584 | 853,665.89 | 605,173.28 | 248,492.61 |
| 1882 | 31,522 | 2,553 | 19,267 | 1,009,219.45 | 683,867.67 | 325,351.78 |
| 1883 | 35,577 | 2,741 | 22,383 | 1,146,240.00 | 675,234.86 | 471,005.14 |
| 1884 | 35,600 | 2,582 | 20,413 | 1,075,798.80 | 970,579.76 | 105,219.04 |
| 1885 | 35,717 | 2,552 | 24,233 | 1,188,098.15 | 1,024,378.85 | 163,719.30 |
| 1886 | 35,968 | 2,513 | 22,508 | 1,154,551.40 | 992,503.45 | 162,047.95 |
| 1887 | 35,613 | 2,622 | 21,477 | 1,144,509.60 | 994,472.22 | 150,037.38 |
| 1888 | 35,797 | 2,251 | 20,506 | 1,118,516.10 | 973,108.78 | 145,407.32 |
| 1889 | 40,575 | 2,481 | 24,158 | 1,281,728.05 | 1,052,955.96 | 228,772.09 |
| 1890 | 41,048 | 2,311 | 26,292 | 1,340,372.66 | 1,082,576.96 | 257,795.70 |
| 1891 | 40,552 | 2,408 | 23,244 | 1,271,285.78 | 1,139,713.35 | 131,572.43 |
| 1892 | 40,758 | 2,290 | 23,559 | 1,286,331.83 | 1,110,731.02 | 175,600.81 |
| 1893 | 38,473 | 2,247 | 23,769 | 1,242,871.64 | 1,141,038.45 | 101,833.19 |

**No. 242.—NUMBER OF THE FIRST PATENT, DESIGN PATENT, AND REISSUED PATENT, AND THE NUMBER OF THE FIRST CERTIFICATE OF REGISTRATION OF A TRADE-MARK AND A LABEL ISSUED IN EACH CALENDAR YEAR SINCE 1850, TOGETHER WITH THE TOTAL NUMBER OF EACH ISSUED DURING THE YEAR.**

[From the Report of the Commissioner of Patents.]

| Year. | Number of first patent and certificate issued in each calendar year. | | | | | Number of patents and certificates of registration issued during each calendar year. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Patents. | Designs. | Reissues. | Trade-marks. | Labels. | Patents. | Designs. | Reissues. | Total patents. | Trade-marks. | Labels. | Total certificates. |
| 1850 | 6,981 | 258 | 158 | ..... | ..... | 884 | 83 | 26 | 993 | ..... | ..... | ..... |
| 1851 | 7,865 | 341 | 184 | ..... | ..... | 757 | 90 | 25 | 872 | ..... | ..... | ..... |
| 1852 | 8,622 | 431 | 209 | ..... | ..... | 890 | 109 | 20 | 1,019 | ..... | ..... | ..... |
| 1853 | 9,512 | 540 | 229 | ..... | ..... | 846 | 86 | 29 | 961 | ..... | ..... | ..... |
| 1854 | 10,358 | 626 | 258 | ..... | ..... | 1,759 | 57 | 28 | 1,844 | ..... | ..... | ..... |
| 1855 | 12,117 | 683 | 286 | ..... | ..... | 1,892 | 70 | 51 | 2,013 | ..... | ..... | ..... |
| 1856 | 14,008 | 753 | 337 | ..... | ..... | 2,315 | 107 | 83 | 2,505 | ..... | ..... | ..... |
| 1857 | 16,324 | 860 | 420 | ..... | ..... | 2,686 | 113 | 97 | 2,896 | ..... | ..... | ..... |
| 1858 | 19,010 | 973 | 517 | ..... | ..... | 3,467 | 102 | 126 | 3,695 | ..... | ..... | ..... |
| 1859 | 22,477 | 1,075 | 643 | ..... | ..... | 4,165 | 108 | 231 | 4,504 | ..... | ..... | ..... |
| 1860 | 26,642 | 1,183 | 874 | ..... | ..... | 4,363 | 183 | 232 | 4,778 | ..... | ..... | ..... |
| 1861 | 31,005 | 1,366 | 1,106 | ..... | ..... | 3,040 | 142 | 147 | 3,329 | ..... | ..... | ..... |
| 1862 | 34,045 | 1,508 | 1,253 | ..... | ..... | 3,221 | 195 | 116 | 3,532 | ..... | ..... | ..... |
| 1863 | 37,266 | 1,703 | 1,369 | ..... | ..... | 3,781 | 176 | 227 | 4,184 | ..... | ..... | ..... |
| 1864 | 41,047 | 1,879 | 1,596 | ..... | ..... | 4,638 | 139 | 248 | 5,025 | ..... | ..... | ..... |
| 1865 | 45,685 | 2,018 | 1,844 | ..... | ..... | 6,099 | 221 | 296 | 6,616 | ..... | ..... | ..... |
| 1866 | 51,784 | 2,239 | 2,140 | ..... | ..... | 8,874 | 294 | 290 | 9,458 | ..... | ..... | ..... |
| 1867 | 60,658 | 2,533 | 2,430 | ..... | ..... | 12,301 | 325 | 400 | 13,026 | ..... | ..... | ..... |
| 1868 | 72,959 | 2,858 | 2,830 | ..... | ..... | 12,544 | 446 | 420 | 13,410 | ..... | ..... | ..... |
| 1869 | 85,503 | 3,304 | 3,250 | ..... | ..... | 12,957 | 506 | 534 | 13,997 | ..... | ..... | ..... |
| 1870 | 98,460 | 3,810 | 3,784 | 1 | ..... | 12,157 | 737 | 439 | 13,333 | 121 | ..... | 121 |
| 1871 | 110,617 | 4,547 | 4,223 | 122 | ..... | 11,687 | 905 | 464 | 13,056 | 486 | ..... | 486 |
| 1872 | 122,304 | 5,452 | 4,687 | 608 | ..... | 12,200 | 884 | 529 | 13,613 | 491 | ..... | 491 |
| 1873 | 134,504 | 6,336 | 5,216 | 1,099 | ..... | 11,616 | 747 | 501 | 12,864 | 492 | ..... | 492 |
| 1874 | 146,120 | 7,083 | 5,717 | 1,591 | 1 | 12,230 | 886 | 483 | 13,599 | 559 | 232 | 791 |
| 1875 | 158,350 | 7,969 | 6,200 | 2,150 | 233 | 13,291 | 915 | 631 | 14,837 | 1,138 | 232 | 1,370 |
| 1876 | 171,641 | 8,884 | 6,831 | 3,288 | 465 | 14,172 | 802 | 621 | 15,595 | 959 | 472 | 1,431 |
| 1877 | 185,813 | 9,686 | 7,452 | 4,247 | 937 | 12,920 | 699 | 568 | 14,187 | 1,216 | 392 | 1,608 |
| 1878 | 198,733 | 10,385 | 8,020 | 5,463 | 1,329 | 12,345 | 590 | 509 | 13,444 | 1,455 | 492 | 1,947 |
| 1879 | 211,078 | 10,975 | 8,529 | 6,918 | 1,821 | 12,133 | 592 | 488 | 13,213 | 872 | 355 | 1,227 |
| 1880 | 223,211 | 11,567 | 9,017 | 7,790 | 2,176 | 12,926 | 515 | 506 | 13,947 | 349 | 203 | 552 |
| 1881 | 236,137 | 12,082 | 9,523 | 8,139 | 2,379 | 15,548 | 565 | 471 | 16,584 | 834 | 202 | 1,036 |
| 1882 | 251,685 | 12,647 | 9,994 | 8,973 | 2,581 | 18,135 | 861 | 271 | 19,267 | 947 | 304 | 1,251 |
| 1883 | 269,820 | 13,508 | 10,265 | 9,920 | 2,885 | 21,196 | 1,020 | 167 | 22,383 | 902 | 906 | 1,808 |
| 1884 | 291,016 | 14,528 | 10,432 | 10,822 | 3,791 | 19,147 | 1,150 | 116 | 20,413 | 1,021 | 513 | 1,534 |
| 1885 | 310,163 | 15,678 | 10,548 | 11,843 | 4,304 | 23,331 | 778 | 139 | 24,233 | 1,067 | 391 | 1,458 |
| 1886 | 333,494 | 16,451 | 10,677 | 12,910 | 4,695 | 21,797 | 595 | 116 | 22,508 | 1,029 | 378 | 1,407 |
| 1887 | 355,291 | 17,046 | 10,793 | 13,989 | 5,073 | 20,429 | 949 | 99 | 21,477 | 1,133 | 380 | 1,513 |
| 1888 | 375,720 | 17,995 | 10,892 | 15,072 | 5,453 | 19,585 | 835 | 86 | 20,506 | 1,059 | 327 | 1,386 |
| 1889 | 395,305 | 18,830 | 10,978 | 16,131 | 5,780 | 23,360 | 723 | 75 | 24,158 | 1,229 | 319 | 1,548 |
| 1890 | 418,665 | 19,553 | 11,053 | 17,360 | 6,099 | 25,322 | 886 | 84 | 26,292 | 1,415 | 304 | 1,719 |
| 1891 | 443,987 | 20,439 | 11,137 | 18,775 | 6,403 | 22,328 | 836 | 80 | 23,244 | 1,762 | a 137 | 1,899 |
| 1892 | 466,315 | 21,275 | 11,217 | 20,537 | 6,540 | 22,661 | 817 | 81 | 23,559 | 1,737 | 6 | 1,743 |
| 1893 | 488,976 | 22,092 | 11,298 | 22,274 | 6,546 | 22,768 | 902 | 99 | 23,769 | 1,677 | ..... | 1,677 |
| 1894 | 511,744 | 22,994 | 11,397 | 23,952 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

a Registration of labels practically ceased May 27, 1891, under decision of United States Supreme Court in Higgins *et al. vs.* Keuffel *et al.* (55 O. G., 1139).

NOTE.—The number of patents granted prior to the commencement of this series of numbering (July 30, 1836) was 9,957.

## No. 243.—Area of INDIAN RESERVATIONS; also POPULATION, BIRTHS, and DEATHS of INDIANS in each State and Territory of the United States for the years ending June 30, 1880, 1890, 1891, and 1893.

[From the Annual Report of the Commissioner of Indian Affairs.]

| States and Territories. | Area of Indian reservation. | | | | | | Indian population. | | | | Vital statistics. a | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1880. | | 1892. | | 1893. | | | | | | 1890. | | 1892. | | 1893. | |
| | Acres. | Square miles. | Acres. | Square miles. | Acres. | Square miles. | 1880. | 1890. | 1892. | 1893. | Births. | Deaths. | Births. | Deaths. | Births. | Deaths. |
| Arizona | 3,092,720 | 4,832.50 | 6,464,037 | 10,100.00 | 6,400,037 | 10,000.00 | 21,361 | 30,749 | 34,962 | 35,277 | 235 | 162 | 232 | 177 | 284 | 214 |
| California | 501,083 | 783.00 | 463,795 | 724.75 | 438,868 | 685.75 | 10,669 | 12,108 | 12,516 | 12,514 | 83 | 80 | 60 | 61 | 61 | 108 |
| Colorado | 12,467,200 | 19,480.00 | 1,094,400 | 1,710.00 | 1,094,400 | 1,710.00 | 2,530 | 1,793 | 986 | 1,002 | 58 | 32 | 26 | 20 | 27 | 12 |
| Dakota | 36,616,448 | 57,213.50 | b..... | b..... | b..... | b..... | 27,168 | b..... | b..... | b..... | b..... | b..... | b..... | b..... | b..... | b..... |
| Florida | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 450 | ..... | ..... | ..... | ..... | 4 | 4 |
| Idaho | 2,748,981 | 4,295.00 | 2,088,091 | 3,262.50 | 2,088,091 | 3,262.50 | 4,020 | 4,251 | 4,261 | 4,185 | 70 | 35 | 45 | 108 | 76 | 94 |
| Indian Ter | 41,100,915 | 64,236.00 | 25,893,812 | 40,459.00 | 19,879,573 | 31,062.00 | 76,895 | 68,225 | 70,391 | 71,856 | 43 | 30 | 36 | 19 | 33 | 31 |
| Iowa | 692 | 1.00 | 2,900 | 4.50 | 2,900 | 4.50 | 355 | 399 | 392 | 389 | 14 | 18 | 10 | 8 | 16 | 20 |
| Kansas | 137,747 | 215.00 | 89,871 | 140.50 | 73,796 | 115.25 | 746 | 1,016 | 1,066 | 1,102 | 52 | 19 | 48 | 44 | 51 | 32 |
| Michigan | 66,332 | 104.00 | 19,799 | 31.00 | 19,799 | 31.00 | 10,141 | 7,428 | 7,428 | 7,428 | ..... | ..... | ..... | ..... | ..... | ..... |
| Minnesota | 5,026,447 | 7,853.00 | 2,254,781 | 3,522.75 | 2,254,781 | 3,522.75 | 6,198 | 6,403 | 6,685 | 6,194 | 115 | 97 | 179 | 161 | 196 | 178 |
| Montana | 29,356,800 | 45,870.00 | 9,382,400 | 14,660.00 | 9,382,400 | 14,660.00 | 21,650 | 10,842 | 10,604 | 10,722 | 351 | 342 | 406 | 374 | 309 | 305 |
| Nebraska | 436,252 | 682.00 | 126,503 | 198.00 | 114,550 | 179.00 | 4,409 | 3,254 | 3,814 | 3,862 | 134 | 140 | 147 | 113 | 194 | 177 |
| Nevada | 885,015 | 1,383.00 | 954,135 | 1,490.50 | 954,135 | 1,490.50 | 6,800 | 8,375 | 8,442 | 8,500 | 83 | 51 | 34 | 42 | 24 | 23 |
| New Mexico | 7,228,731 | 11,295.00 | 9,495,645 | 14,837.00 | 9,495,645 | 14,837.00 | 23,452 | 10,908 | 9,903 | 9,882 | 1,093 | 1,627 | 97 | 104 | 52 | 51 |
| New York | 86,366 | 135.00 | 87,677 | 137.00 | 87,677 | 137.00 | 5,139 | 5,112 | 5,236 | 5,160 | 117 | 114 | 161 | 146 | 108 | 95 |
| North Carolina | 65,211 | 102.00 | 65,211 | 102.00 | 65,211 | 102.00 | 2,200 | 3,000 | 2,885 | 2,885 | ..... | ..... | 75 | 50 | 120 | 125 |
| North Dakota | b..... | b..... | 3,914,240 | 6,116.00 | 3,812,838 | 5,957.50 | c..... | 7,759 | 7,865 | 7,877 | 371 | 338 | 301 | 338 | 271 | 260 |
| Oklahoma | ..... | ..... | 7,605,478 | 11,883.50 | 7,231,747 | 11,300.00 | ..... | 13,176 | 12,903 | 12,676 | 725 | 908 | 454 | 556 | 507 | 737 |
| Oregon | 3,853,800 | 6,022.00 | 1,929,105 | 3,014.25 | 1,929,105 | 3,014.25 | 5,355 | 4,507 | 4,730 | 4,523 | 101 | 127 | 130 | 115 | 78 | 104 |
| South Dakota | b..... | b..... | 10,271,501 | 16,049.25 | 10,271,501 | 16,049.25 | c..... | 19,696 | 18,454 | 18,561 | 452 | 456 | 566 | 582 | 525 | 553 |
| Texas | ..... | ..... | ..... | ..... | ..... | ..... | 290 | 290 | 290 | 290 | ..... | ..... | ..... | ..... | ..... | ..... |
| Utah | 2,039,040 | 3,186.00 | 3,972,480 | 6,207.00 | 3,972,480 | 6,207.00 | 840 | 2,211 | 2,260 | 2,267 | 51 | 41 | 27 | 34 | 25 | 20 |
| Washington | 6,925,748 | 10,821.00 | 4,045,284 | 6,321.00 | 4,046,564 | 6,323.00 | 14,289 | 9,830 | 9,981 | 9,924 | 379 | 331 | 213 | 264 | 243 | 270 |
| Wisconsin | 586,026 | 916.00 | 446,521 | 697.50 | 446,521 | 697.50 | 8,847 | 9,152 | 9,265 | 9,387 | 271 | 195 | 218 | 287 | 294 | 256 |
| Wyoming | 1,520,000 | 2,375.00 | 1,810,000 | 2,828.00 | 1,810,000 | 2,828.00 | 2,063 | 1,658 | 1,719 | 1,724 | 65 | 75 | 43 | 57 | 61 | 72 |
| Miscellaneous | ..... | ..... | ..... | ..... | ..... | ..... | 710 | 1,302 | 1,302 | 728 | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 154,741,554 | 241,800.00 | 92,477,666 | 144,496.00 | 85,872,614 | 134,175.75 | 256,127 | d248,524 | 248,340 | 249,366 | 4,863 | 5,218 | 3,508 | 3,660 | 3,559 | 3,741 |

a The vital statistics in regard to Indians are defective.
b The Territory of Dakota was admitted to the Union November 2, 1889, as two States, viz: North Dakota and South Dakota.
c See Dakota.
d The reduction below the population for 1889 is due mainly to reduced estimates of the number of Pimas, Papagoes, and Navajoes in Arizona.

## No. 244.—Annual Average Currency Prices in the New York Market of Middling Cotton and of the Staple Manufactures of Cotton for each year from 1847 to 1892, inclusive.

[Prepared by Mr. Joshua Reece, jr., of the Daily Commercial Bulletin, New York.]

| Year. | Middling cotton per pound. a | Standard sheetings per yard. | Standard drillings per yard. a | New York Mills bleached shirtings per yard. | Standard prints per yard. | 64 by 64 printing cloths per yard. |
|---|---|---|---|---|---|---|
| | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* |
| 1847 | 11.21 | 8.28 | 8.34 | 14.96 | 11.83 | 6.01 |
| 1848 | 8.08 | 6.78 | 6.83 | 14.21 | 10.17 | 4.25 |
| 1849 | 7.55 | 6.91 | 6.90 | 14.21 | 9.33 | 4.58 |
| 1850 | 12.34 | 7.87 | 7.97 | 14.96 | 10.62 | 5.19 |
| 1851 | 12.14 | 7.08 | 7.75 | 14.75 | 10.50 | 4.59 |
| 1852 | 9.50 | 6.96 | 7.70 | 14.50 | 10.50 | 4.70 |
| 1853 | 11.02 | 7.92 | 7.98 | 14.50 | 10.50 | 6.15 |
| 1854 | 10.97 | 7.96 | 7.84 | 15.00 | 10.50 | 5.81 |
| 1855 | 10.39 | 7.84 | 7.77 | 15.00 | 9.80 | 5.11 |
| 1856 | 10.80 | 7.50 | 8.10 | 15.00 | 9.50 | 5.36 |
| 1857 | 13.51 | 8.90 | 9.04 | 15.00 | 10.10 | 5.98 |
| 1858 | 12.23 | 8.25 | 8.70 | 15.00 | 9.50 | 5.60 |
| 1859 | 12.08 | 8.50 | 8.82 | 15.42 | 9.50 | 5.67 |
| 1860 | 11.00 | 8.73 | 8.92 | 15.50 | 9.50 | 5.44 |
| 1861 | 13.01 | 10.00 | 9.58 | 15.33 | 9.71 | 5.33 |
| 1862 | 31.29 | 18.55 | 18.94 | 21.00 | 14.40 | 9.81 |
| 1863 | 67.21 | 36.04 | 33.41 | 35.33 | 21.24 | 15.20 |
| 1864 | 101.50 | 52.07 | 53.02 | 48.35 | 33.25 | 23.42 |
| 1865 | 83.38 | 38.04 | 37.33 | 49.58 | 29.00 | 20.34 |
| 1866 | 43.20 | 24.31 | 25.14 | 45.90 | 21.15 | 14.13 |
| 1867 | 31.59 | 18.28 | 18.79 | 35.21 | 16.58 | 9.12 |
| 1868 | 24.85 | 16.79 | 16.49 | 26.65 | 13.83 | 8.18 |
| 1869 | 29.01 | 16.19 | 16.49 | 24.79 | 14.00 | 8.30 |
| 1870 | 23.98 | 14.58 | 14.98 | 22.50 | 12.41 | 7.14 |
| 1871 | 16.95 | 13.00 | 13.64 | 20.83 | 11.62 | 7.41 |
| 1872 | 22.19 | 14.27 | 15.14 | 20.66 | 12.00 | 7.68 |
| 1873 | 20.14 | 13.31 | 14.13 | 19.41 | 11.37 | 6.69 |
| 1874 | 17.95 | 11.42 | 11.75 | 18.04 | 9.75 | 5.57 |
| 1875 | 15.46 | 10.41 | 11.12 | 15.12 | 8.71 | 5.33 |
| 1876 | 12.98 | 8.85 | 8.71 | 13.58 | 7.06 | 4.10 |
| 1877 | 11.82 | 8.46 | 8.46 | 12.46 | 6.77 | 4.38 |
| 1878 | 11.22 | 7.80 | 7.65 | 11.00 | 6.09 | 3.44 |
| 1879 | 10.84 | 7.97 | 7.57 | 11.62 | 6.25 | 3.93 |
| 1880 | 11.51 | 8.51 | 8.51 | 12.74 | 7.41 | 4.51 |
| 1881 | 12.08 | 8.51 | 8.06 | 12.74 | 7.00 | 3.95 |
| 1882 | 11.56 | 8.45 | 8.25 | 12.95 | 6.50 | 3.76 |
| 1883 | 11.88 | 8.32 | 7.11 | 12.93 | 6.00 | 3.60 |
| 1884 | 10.88 | 7.28 | 6.86 | 10.46 | 6.00 | 3.36 |
| 1885 | 10.45 | 6.75 | 6.36 | 10.37 | 6.00 | 3.13 |
| 1886 | 9.28 | 6.75 | 6.25 | 10.65 | 6.00 | 3.31 |
| 1887 | 10.21 | 7.15 | 6.58 | 10.88 | 6.00 | 3.33 |
| 1888 | 10.03 | 7.25 | 6.75 | 10.94 | 6.50 | 3.81 |
| 1889 | 10.65 | 7.00 | 6.75 | 10.50 | 6.50 | 3.81 |
| 1890 | 11.07 | 7.00 | 6.75 | 10.90 | 6.00 | 3.84 |
| 1891 | 8.60 | 6.83 | 6.41 | 10.64 | 6.00 | 2.95 |
| 1892 | 7.71 | 6.50 | 5.60 | 10.25 | 6.25 | 3.39 |

a Including 1881 and since, the prices of standard drillings are net; raw cotton prices are also net for the entire period.

## No. 245.—PRICES OF FINE, MEDIUM, AND COARSE WASHED CLOTHING OHIO FLEECE WOOL IN THE EASTERN MARKETS FOR THE MONTHS OF JANUARY, APRIL, JULY, AND OCTOBER OF EACH YEAR FROM 1852 TO 1893, INCLUSIVE.

[From Mauger & Avery's Annual Wool Circular.]

| Year. | January. | | | April. | | | July. | | | October. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Fine. | Medium. | Coarse. | Fine. | Medium. | Coarse. | Fine. | Medium. | Coarse. | Fine. | Medium. | Coarse. |
| | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* |
| 1852 | 43 | 38 | 34 | 42 | 36 | 33 | 45 | 38 | 33 | 50 | 42 | 37 |
| 1853 | 58 | 56 | 50 | 62 | 56 | 50 | 60 | 53 | 48 | 55 | 50 | 48 |
| 1854 | 53 | 47 | 42 | 57 | 52 | 46 | 45 | 37 | 30 | 42 | 36 | 30 |
| 1855 | 40 | 35 | 32 | 43 | 35 | 32 | 50 | 40 | 33 | 52 | 41 | 36 |
| 1856 | 50 | 38 | 35 | 57 | 45 | 38 | 55 | 42 | 36 | 60 | 55 | 45 |
| 1857 | 58 | 50 | 42 | 60 | 56 | 45 | 56 | 50 | 40 | 38 | 30 | 25 |
| 1858 | 40 | 33 | 27 | 42 | 35 | 30 | 43 | 37 | 30 | 56 | 41 | 36 |
| 1859 | 60 | 52 | 45 | 60 | 46 | 37 | 56 | 40 | 35 | 60 | 50 | 42 |
| 1860 | 60 | 50 | 42 | 52 | 45 | 40 | 55 | 50 | 40 | 50 | 45 | 40 |
| 1861 | 45 | 40 | 37 | 45 | 37 | 32 | 38 | 30 | 22 | 47 | 48 | 50 |
| 1862 | 48 | 50 | 50 | 46 | 45 | 43 | 48 | 47 | 45 | 60 | 60 | 63 |
| 1863 | 75 | 68 | 70 | 80 | 85 | 80 | 75 | 70 | 65 | 85 | 80 | 76 |
| 1864 | 80 | 78 | 76 | 78 | 77 | 72 | 100 | 100 | 90 | 103 | 95 | 100 |
| 1865 | 102 | 100 | 96 | 80 | 80 | 75 | 75 | 73 | 65 | 75 | 75 | 65 |
| 1866 | 70 | 65 | 50 | 65 | 60 | 48 | 70 | 67 | 60 | 63 | 60 | 56 |
| 1867 | 68 | 53 | 50 | 60 | 55 | 50 | 55 | 49 | 45 | 48 | 46 | 40 |
| 1868 | 48 | 43 | 38 | 50 | 48 | 45 | 46 | 45 | 43 | 48 | 48 | 45 |
| 1869 | 50 | 50 | 48 | 50 | 50 | 48 | 48 | 48 | 47 | 48 | 48 | 46 |
| 1870 | 48 | 46 | 44 | 48 | 47 | 46 | 46 | 45 | 43 | 48 | 48 | 44 |
| 1871 | 47 | 46 | 43 | 50 | 52 | 47 | 62 | 60 | 55 | 63 | 62 | 58 |
| 1872 | 70 | 72 | 66 | 80 | 80 | 76 | 72 | 70 | 65 | 66 | 60 | 57 |
| 1873 | 70 | 68 | 65 | 56 | 53 | 48 | 50 | 48 | 44 | 54 | 53 | 47 |
| 1874 | 58 | 54 | 47 | 56 | 56 | 47 | 53 | 53 | 46 | 54 | 54 | 47 |
| 1875 | 55 | 56 | 47 | 54 | 52 | 46 | 52 | 49 | 46 | 48 | 50 | 42 |
| 1876 | 48 | 52 | 42 | 46 | 49 | 40 | 38 | 35 | 31 | 45 | 40 | 33 |
| 1877 | 46 | 43 | 36 | 45 | 40 | 33 | 50 | 44 | 37 | 48 | 44 | 36 |
| 1878 | 44 | 45 | 38 | 40 | 43 | 35 | 36 | 36 | 32 | 35 | 37 | 32 |
| 1879 | 34 | 35 | 32 | 34 | 34 | 31 | 37 | 38 | 34 | 41 | 43 | 38 |
| 1880 | 50 | 55 | 48 | 55 | 60 | 52 | 46 | 48 | 42 | 46 | 48 | 42 |
| 1881 | 47 | 49 | 43 | 40 | 44 | 37 | 42 | 44 | 36 | 43 | 46 | 36 |
| 1882 | 44 | 46 | 37 | 42 | 45 | 34 | 42 | 45 | 34 | 42 | 45 | 34 |
| 1883 | 40 | 43 | 33 | 44 | 44 | 37 | 39 | 41 | 33 | 39 | 40 | 34 |
| 1884 | 40 | 40 | 34 | 38 | 38 | 34 | 35 | 34 | 30 | 35 | 34 | 30 |
| 1885 | 34 | 33 | 29 | 32 | 32 | 28 | 32 | 31 | 28 | 33 | 35 | 32 |
| 1886 | 35 | 36 | 32 | 33 | 34 | 30 | 33 | 33 | 29 | 35 | 38 | 34 |
| 1887 | 33 | 38 | 34 | 33 | 37 | 33 | 34 | 37 | 34 | 32 | 36 | 34 |
| 1888 | 31 | 35 | 33 | 31 | 34 | 33 | 29 | 33 | 31 | 31 | 34 | 31 |
| 1889 | 34 | 38 | 33 | 33 | 37 | 31 | 35 | 39 | 32 | 33 | 37 | 31 |
| 1890 | 33 | 37 | 29 | 33 | 36 | 29 | 33 | 37 | 29 | 33 | 37 | 31 |
| 1891 | 33 | 37 | 31 | 32 | 37 | 31 | 31 | 35 | 29 | 31 | 35 | 30 |
| 1892 | 30 | 35 | 31 | 29 | 34 | 31 | 28 | 34 | 30 | 29 | 33 | 29 |
| 1893 | 29 | 33 | 29 | 30 | 32 | 31 | 24 | 26 | 25 | 23 | 24 | 21 |

NOTE BY MESSRS. MAUGER & AVERY.—This table exhibits, in a concise form, the prices of the three grades of a standard domestic fleece wool in the seaboard markets at the beginning of each quarter. In its present shape it is deemed to be comprehensive to all who are interested in wool. In the special features of character and condition, "Washed Ohio Fleece Wool" is less subject to variation than any other description, and thus is more a basis of value than any other class. Wool, owing to its wide variety, difference in character, and condition, liability to shrink in cleaning, is precluded from speculative operations which apply to products which may be dealt in as "futures." For these reasons the prices of wool are not liable to the same changes as cotton, wheat, etc.

No. 246.—Monthly Average Range of Prices per 100 Pounds in the New York Wholesale Beef Market of CARCASSES OF STEERS of "Medium" and "Heavy" Weights during the Years 1890 to 1893, inclusive.

[From weekly quotations in Butchers' Advocate, New York.]

| Months. | 1890. | | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|---|---|
| | Medium. | Heavy. | Medium. | Heavy. | Medium. | Heavy. | Medium. | Heavy. |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| January | 5.88 to 6.88 | 6.69 to 7.38 | 6.25 to 7.00 | 7.25 to 8.25 | 7.19 to 8.00 | 9.00 to 9.50 | 7.00 to 8.50 | 8.94 to 9.25 |
| February | 6.00 to 6.50 | 6.75 to 7.50 | 6.25 to 7.00 | 7.25 to 8.25 | 7.00 to 8.00 | 8.00 to 9.50 | 7.00 to 8.50 | 8.75 to 9.00 |
| March | 6.25 to 6.75 | 7.00 to 7.50 | 6.85 to 7.40 | 7.75 to 8.75 | 6.70 to 7.40 | 7.40 to 8.60 | 7.00 to 8.30 | 8.35 to 9.20 |
| April | 6.56 to 6.88 | 7.06 to 7.44 | 7.00 to 7.50 | 8.00 to 9.00 | 6.50 to 7.00 | 7.00 to 8.00 | 7.00 to 8.42 | 9.00 to 9.50 |
| May | 6.50 to 7.00 | 7.00 to 7.75 | 8.00 to 8.44 | 8.50 to 9.50 | 6.50 to 7.00 | 7.00 to 8.00 | 7.00 to 8.10 | 8.60 to 9.00 |
| June | 6.50 to 7.00 | 7.00 to 7.75 | 8.00 to 8.50 | 8.75 to 9.50 | 6.50 to 7.00 | 7.00 to 8.00 | 7.25 to 8.25 | 8.63 to 9.00 |
| July | 6.40 to 6.90 | 7.00 to 7.40 | 8.00 to 8.50 | 8.75 to 9.50 | 7.25 to 7.75 | 7.75 to 9.00 | 7.00 to 8.17 | 8.42 to 8.83 |
| August | 6.25 to 6.75 | 7.00 to 7.63 | 7.62 to 8.50 | 8.75 to 9.50 | 7.50 to 7.70 | 8.00 to 9.00 | 7.00 to 8.00 | 7.00 to 8.50 |
| September | 6.25 to 6.75 | 7.00 to 7.75 | 7.25 to 8.00 | 9.00 to 9.50 | 7.50 | 8.00 to 9.00 | 7.13 to 8.00 | 7.25 to 8.50 |
| October | 6.25 to 6.75 | 7.00 to 7.75 | 7.25 to 8.00 | 9.00 to 9.50 | 7.25 to 7.88 | 8.25 to 9.00 | 7.50 to 8.00 | 8.00 to 8.88 |
| November | 6.25 to 6.75 | 7.00 to 7.75 | 7.25 to 8.00 | 9.00 to 9.50 | 7.50 to 8.30 | 8.50 to 9.00 | 7.50 to 8.00 | 8.00 to 9.00 |
| December | 6.25 to 6.75 | 7.19 to 7.94 | 7.25 to 8.00 | 9.00 to 9.50 | 6.67 to 8.33 | 8.88 to 9.13 | 7.50 to 8.00 | 8.00 to 8.90 |
| Yearly range | 5.88 to 7.00 | 6.69 to 7.94 | 6.25 to 8.50 | 7.25 to 9.50 | 6.50 to 8.33 | 7.00 to 9.50 | 7.00 to 8.50 | 7.00 to 9.50 |
| Yearly average range | 6.28 to 6.76 | 6.97 to 7.63 | 7.25 to 7.90 | 8.42 to 9.19 | 6.96 to 7.65 | 7.90 to 8.81 | 7.16 to 8.19 | 8.25 to 8.96 |
| Yearly average | 6.92 | | 8.19 | | 7.33 | | 8.14 | |

**No. 247.—Monthly range of Wholesale PRICES per Pound of DRESSED CARCASSES of BEEF in the NEW YORK MARKET, for each month from January, 1887, to December, 1893, inclusive.**

[Prepared by Mr. H. Harrington, of the New York World.]

| Month. | 1887. | | 1888. | | 1889. | | 1890. | | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lowest. | Highest. | Lowest. | Highest. | Lowest. | Highest. | Lowest. | Highest. | Lowest. | Highest. | Lowest. | Highest. | Lowest. | Highest. |
| | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* |
| January | 5½ | 8½ | 6½ | 9½ | 5½ | 8½ | 5½ | 7½ | 6½ | 8 | 6½ | 9½ | 8 | 10 |
| February | 5½ | 8½ | 6 | 9 | 5 | 7½ | 5½ | 7½ | 6½ | 8½ | 6 | 9 | 7 | 9½ |
| March | 5½ | 8½ | 6 | 9 | 4½ | 7 | 5½ | 7½ | 7 | 8½ | 6 | 8½ | 7 | 9½ |
| April | 5½ | 8½ | 6 | 9 | 5 | 7½ | 6 | 7½ | 7½ | 10 | 6 | 8 | 7 | 9½ |
| May | 5½ | 8½ | 5½ | 8½ | 6½ | 7½ | 6½ | 7½ | 8½ | 10 | 6½ | 7½ | 6½ | 9½ |
| June | 5½ | 8½ | 6½ | 9½ | 6 | 7½ | 6½ | 7½ | 8½ | 9½ | 6½ | 7½ | 6½ | 9½ |
| July | 5 | 7½ | 6½ | 9½ | 5 | 7½ | 6½ | 7½ | 8½ | 9½ | 6½ | 8½ | 6½ | 8½ |
| August | 5 | 7½ | 6½ | 9½ | 6 | 7½ | 6 | 7½ | 7 | 9½ | 6½ | 9½ | 6½ | 8½ |
| September | 4½ | 7½ | 6 | 9 | 5 | 7½ | 6½ | 7½ | 6½ | 9½ | 7 | 9 | 6½ | 8½ |
| October | 5 | 8 | 6 | 9 | 5 | 7½ | 6½ | 7½ | 6½ | 9½ | 7 | 8½ | 7 | 9 |
| November | 4½ | 8 | 5½ | 8½ | 5½ | 7½ | 6 | 7½ | 6½ | 9½ | 7 | 9 | 6½ | 8½ |
| December | 5 | 8½ | 5½ | 8½ | 5 | 7½ | 6½ | 7½ | 7 | 9½ | 7½ | 9½ | 7 | 9 |
| Ave. range. | 5⅛ | 8 1/12 | 6 | 9 | 5 2/12 | 7 11/12 | 6 1/12 | 7 5/12 | 7 2/12 | 9 5/12 | 6⅛ | 8 11/12 | 6⅞ | 9⅛ |

**No. 248.—Annual Average PRICES per Barrel of MESS PORK in the NEW YORK MARKET for each year from 1836 to 1893, inclusive.**

[Furnished by the Statistician of the New York Produce Exchange.]

| Year. | Average price. | Year. | Average price. |
|---|---|---|---|
| | *Dollars.* | | *Dollars.* |
| 1836 | 23.13 | 1865 | 29.22 |
| 1837 | 21.66 | 1866 | 29.04 |
| 1838 | 21.97 | 1867 | 22.13 |
| 1839 | 19.32 | 1868 | 26.52 |
| 1840 | 15.07 | 1869 | 31.64 |
| 1841 | 11.36 | 1870 | 26.88 |
| 1842 | 9.27 | 1871 | 16.46 |
| 1843 | 10.32 | 1872 | 13.61 |
| 1844 | 10.50 | 1873 | 16.36 |
| 1845 | 12.93 | 1874 | 19.16 |
| 1846 | 10.70 | 1875 | 21.13 |
| 1847 | 10.31 | 1876 | 19.63 |
| 1848 | 11.24 | 1877 | 14.76 |
| 1849 | 11.02 | 1878 | 9.77 |
| 1850 | 10.70 | 1879 | 9.68 |
| 1851 | 14.00 | 1880 | 13.23 |
| 1852 | 18.04 | 1881 | 16.94 |
| 1853 | 15.95 | 1882 | 19.79 |
| 1854 | 12.97 | 1883 | 16.59 |
| 1855 | 17.90 | 1884 | 16.48 |
| 1856 | 18.62 | 1885 | 11.58 |
| 1857 | 22.20 | 1886 | 10.63 |
| 1858 | 17.43 | 1887 | 15.00 |
| 1859 | 16.49 | 1888 | 15.10 |
| 1860 | 18.09 | 1889 | 12.58 |
| 1861 | 15.60 | 1890 | 12.13 |
| 1862 | 12.88 | 1891 | 11.38 |
| 1863 | 13.62 | 1892 | 11.52 |
| 1864 | 33.19 | 1893 | 13.85 |

**No. 249.—ANNUAL AVERAGE PRICES OF LEADING ARTICLES OF GRAIN, GROCERIES, AND PROVISIONS IN THE NEW YORK MARKET FOR EACH YEAR FROM 1877 TO 1893, INCLUSIVE.**

| Calendar year. | Wheat No. 2, red winter, per bushel. | Corn, No. 2, mixed, per bushel. | Oats, No. 2, mixed, per bushel. | Coffee. | | Sugar. | | | Lard, prime contract, per pound. | Beef, extra mess, per barrel. | Tallow, prime, per pound |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Brasil, fair to prime, per pound. | Java, per pound. | Raw, centrifugals, per pound. | Soft, standard A, per pound. | Hard, granulated, per pound. | | | |
| | *Dollars.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Dollars.* | *Cents.* |
| 1877 | 1.438 | 59.8 | 42.0 | 19.72 | 23.82 | 8.89 | 10.62 | 10.89 | 9.50 | 13.13 | 8.06 |
| 1878 | 1.188 | 51.4 | 32.8 | 16.51 | 22.48 | 7.25 | 8.94 | 9.30 | 7.07 | 11.93 | 7.06 |
| 1879 | 1.212 | 49.8 | 37.1 | 14.86 | 24.14 | 6.93 | 8.53 | 8.81 | 6.62 | 11.32 | 6.38 |
| 1880 | 1.270 | 55.1 | 42.6 | 15.12 | 22.63 | 7.88 | 9.43 | 9.80 | 7.91 | 10.44 | 6.38 |
| 1881 | 1.318 | 63.1 | 45.9 | 12.23 | 16.82 | 7.62 | 9.84 | 9.70 | 11.37 | 11.75 | 7.00 |
| 1882 | 1.278 | 80.1 | 51.9 | 9.77 | 15.92 | 7.29 | 8.87 | 9.35 | 11.78 | 13.45 | 8.38 |
| 1883 | 1.175 | 65.1 | 42.9 | 10.36 | 17.68 | 6.79 | 8.14 | 8.65 | 9.82 | 12.84 | 7.88 |
| 1884 | .975 | 60.8 | 36.0 | 10.92 | 16.56 | 5.29 | 6.37 | 6.75 | 8.25 | 12.38 | 6.75 |
| 1885 | .964 | 53.1 | 35.9 | 9.01 | 15.49 | 5.19 | 6.06 | 6.53 | 6.78 | 10.81 | 5.50 |
| 1886 | .885 | 48.4 | 35.1 | 10.32 | 16.84 | 5.52 | 5.81 | 6.23 | 6.50 | 8.23 | 4.25 |
| 1887 | .889 | 50.6 | 34.3 | 18.04 | 18.92 | 5.38 | 5.66 | 6.02 | 7.09 | 8.13 | 4.69 |
| 1888 | .971 | 57.3 | 35.5 | 15.26 | 19.93 | 5.93 | 6.69 | 7.18 | 8.72 | 7.48 | 4.88 |
| 1889 | .883 | 43.0 | 28.8 | 18.30 | 21.29 | 6.57 | 7.59 | 7.89 | 6.83 | 6.98 | 4.69 |
| 1890[a] | .983 | 48.1 | 26.9 | 18.03 | 24.37 | 5.57 | 6.00 | 6.27 | 6.33 | 6.98 | 4.50 |
| 1891 | 1.094 | 70.4 | 46.0 | 16.40 | 24.50 | 3.92 | 4.47 | 4.65 | 6.59 | 8.35 | 4.81 |
| 1892 | .908 | 54.0 | 36.3 | 14.43 | 26.37 | 3.32 | 4.21 | 4.35 | 7.69 | 6.86 | 4.63 |
| 1893 | .739 | 49.9 | 35.9 | [b]17.42 | [b]24.23 | [b]3.69 | (b) | [b]4.84 | 10.84 | 8.17 | [c]5.44 |

[a] Since 1890 quotations are for No. 7 Exchange Standard. It is equivalent to "Low Ordinary," and is 140 points below "Fair Rio."
[b] Prices furnished by New York Produce Exchange.
[c] Prices furnished by Mr. A. Noel Blakeman of New York.

**No. 250.—ANNUAL AVERAGE PRICE (PER TON OF 2,240 POUNDS) OF SCHUYLKILL WHITEASH LUMP COAL AT PHILADELPHIA, AND OF BITUMINOUS (CUMBERLAND) COAL AT BALTIMORE, EACH YEAR FROM 1837 TO 1893, INCLUSIVE.**

[The prices of anthracite furnished by the American Iron and Steel Association, and those of bituminous from Seward's Coal Trade.]

| Year. | Annual average price per ton. | | Year. | Annual average price per ton. | | Year. | Annual average price per ton. | |
|---|---|---|---|---|---|---|---|---|
| | Anthracite. | Bituminous. | | Anthracite. | Bituminous. | | Anthracite. | Bituminous. |
| | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* |
| 1837 | 6.72 | ..... | 1856 | 4.11 | 3.75 | 1875 | 4.39 | 4.35 |
| 1838 | 5.27 | ..... | 1857 | 3.87 | 4.28 | 1876 | 3.87 | 3.87 |
| 1839 | 5.00 | ..... | 1858 | 3.43 | 3.70 | 1877 | 2.59 | 3.15 |
| 1840 | 4.91 | ..... | 1859 | 3.25 | 3.63 | 1878 | 3.23 | 2.88 |
| 1841 | 5.79 | ..... | 1860 | 3.40 | 3.49 | 1879 | 2.70 | 2.70 |
| 1842 | 4.18 | ..... | 1861 | 3.89 | 3.44 | 1880 | 4.53 | 3.75 |
| 1843 | 3.27 | ..... | 1862 | 4.14 | 4.23 | 1881 | 4.53 | 3.75 |
| 1844 | 3.20 | ..... | 1863 | 6.06 | 5.57 | 1882 | 4.61 | 3.50 |
| 1845 | 3.46 | ..... | 1864 | 8.39 | 6.84 | 1883 | 4.54 | 2.90 |
| 1846 | 3.90 | ..... | 1865 | 7.86 | 7.57 | 1884 | 4.42 | 2.50 |
| 1847 | 3.80 | ..... | 1866 | 5.80 | 5.94 | 1885 | 4.10 | 2.25 |
| 1848 | 3.50 | ..... | 1867 | 4.37 | 4.97 | 1886 | 4.00 | 2.10 |
| 1849 | 3.62 | ..... | 1868 | 3.86 | 4.71 | 1887 | 4.05 | 2.45 |
| 1850 | 3.64 | ..... | 1869 | 5.81 | 4.97 | 1888 | 4.21 | [a]2.60 |
| 1851 | 3.84 | ..... | 1870 | 4.39 | 4.72 | 1889 | 4.04 | [a]2.60 |
| 1852 | 3.46 | ..... | 1871 | 4.46 | 4.72 | 1890 | 3.92½ | [a]2.60 |
| 1853 | 3.70 | 3.30 | 1872 | 3.74 | 4.66 | 1891 | 3.85 | [a]2.60 |
| 1854 | 5.19 | 4.05 | 1873 | 4.27 | 4.84 | 1892 | 3.98 | [a]2.50 |
| 1855 | 4.49 | 3.89½ | 1874 | 4.55 | 4.50 | 1893 | 3.90 | [a]2.50 |

[a] The price on board fixed at Baltimore by the Seaboard Coal Association.

**No. 251.—ANNUAL AVERAGE PRICES OF DOMESTIC PIG IRON, ROLLED BAR IRON, IRON AND STEEL RAILS, PER TON OF 2,240 POUNDS, AND OF CUT NAILS PER KEG OF 100 POUNDS, FOR EACH YEAR FROM 1850 TO 1893, INCLUSIVE.**

[Furnished by the American Iron and Steel Association.]

| Calendar year. | Pig iron. *a* | Bar iron, rolled. *b* | Iron rails. *c* | Steel rails. *d* | Cut nails. *e* |
|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1850 | 20.88 | 59.54 | 47.88 | (Steel rails were first made in commercial quantities in the United States in 1867.) | 3.71 |
| 1851 | 21.38 | 54.66 | 45.63 | | 3.28 |
| 1852 | 22.63 | 58.79 | 48.88 | | 3.13 |
| 1853 | 36.12 | 83.50 | 77.25 | | 4.85 |
| 1854 | 36.88 | 91.38 | 80.13 | | 4.76 |
| 1855 | 27.75 | 74.58 | 62.88 | | 4.10 |
| 1856 | 27.12 | 73.75 | 64.38 | | 3.92 |
| 1857 | 26.38 | 71.04 | 64.25 | | 3.72 |
| 1858 | 22.25 | 62.29 | 50.00 | | 3.53 |
| 1859 | 23.38 | 60.00 | 49.38 | | 3.86 |
| 1860 | 22.75 | 58.75 | 48.00 | | 3.13 |
| 1861 | 20.25 | 60.33 | 42.38 | | 2.75 |
| 1862 | 23.38 | 70.42 | 41.75 | | 3.47 |
| 1863 | 35.25 | 91.04 | 76.88 | | 5.13 |
| 1864 | 59.25 | 146.46 | 126.00 | | 7.85 |
| 1865 | 46.12 | 106.38 | 98.63 | | 7.06 |
| 1866 | 46.88 | 98.13 | 96.75 | | 6.97 |
| 1867 | 44.12 | 87.08 | 83.13 | 166.00 | 5.92 |
| 1868 | 39.25 | 85.69 | 78.88 | 158.50 | 5.17 |
| 1869 | 40.63 | 81.68 | 77.25 | 132.25 | 4.87 |
| 1870 | 33.25 | 78.96 | 72.25 | 106.75 | 4.40 |
| 1871 | 35.12 | 78.54 | 70.38 | 102.50 | 4.52 |
| 1872 | 43.88 | 97.68 | 85.13 | 112.00 | 5.46 |
| 1873 | 42.75 | 86.43 | 76.67 | 120.50 | 4.90 |
| 1874 | 30.25 | 67.95 | 58.75 | 91.25 | 3.99 |
| 1875 | 25.50 | 60.85 | 47.75 | 68.75 | 3.42 |
| 1876 | 22.25 | 52.08 | 41.25 | 59.25 | 2.98 |
| 1877 | 18.88 | 45.55 | 35.25 | 45.50 | 2.57 |
| 1878 | 17.63 | 44.24 | 33.75 | 42.25 | 2.31 |
| 1879 | 21.50 | 51.85 | 41.25 | 48.25 | 2.69 |
| 1880 | 28.50 | 60.38 | 49.25 | 67.50 | 3.63 |
| 1881 | 25.12 | 58.05 | 47.13 | 61.13 | 3.09 |
| 1882 | 25.75 | 61.41 | 45.50 | 48.50 | 3.47 |
| 1883 | 22.38 | 50.30 | *f*..... | 37.75 | 3.06 |
| 1884 | 19.88 | 44.05 | *f*..... | 30.75 | 2.39 |
| 1885 | 18.00 | 40.32 | *f*..... | 28.50 | 2.33 |
| 1886 | 18.71 | 43.12 | *f*..... | 34.50 | 2.27 |
| 1887 | 20.92 | 49.37 | *f*..... | 37.08 | 2.39 |
| 1888 | 18.88 | 44.99 | *f*..... | 29.83 | 2.03 |
| 1889 | 17.75 | 43.40 | *f*..... | 29.25 | 2.00 |
| 1890 | 18.40 | 45.92 | *f*..... | 31.75 | 2.00 |
| 1891 | 17.52 | 42.56 | *f*..... | 29.92 | 1.86 |
| 1892 | 15.75 | 41.89 | *f*..... | 30.00 | 1.83 |
| 1893 | 14.52 | 38.08 | *f*..... | 28.13 | *g*..... |

*a* No. 1 anthracite foundry pig iron at Philadelphia.

*b* Best refined rolled bar iron at Philadelphia.

*c* Standard section of iron rails at mills in eastern Pennsylvania.

*d* At works in Pennsylvania.

*e* Wholesale store prices in Eastern markets from 1846 to 1849, inclusive; since 1849 the quotations are wholesale store prices at Philadelphia.

*f* Since the beginning of 1883 the manufacture of iron rails in the United States has been almost entirely superseded by the manufacture of steel rails.

*g* Early in 1893 a new classification for cut nails was adopted, the base price and schedule of extras being changed to correspond with the wire-nail schedule. We have therefore thought it advisable to omit cut-nail prices for 1893 entirely from the above table, as prices since that date, if compared with those ruling when the old classification was in operation, would be misleading. Both cut and wire nail prices have declined in 1892 and 1893 in sympathy with other iron and steel prices.

**No. 252.—ANNUAL AVERAGE EXPORT PRICES OF COMMODITIES OF DOMESTIC PRODUCTION FOR EACH YEAR FROM 1867 TO 1893, INCLUSIVE.**

| Year ending June 30— | Corn, per bushel. | Wheat, per bushel. | Wheat, flour, per barrel. | Cotton, per pound.a | Leather, per pound. | Illuminating oils, refined, per gallon. | Bacon and hams, per pound. | Lard, per pound. | Pork, salted, per pound. | Beef, salted, per pound. | Butter, per pound. | Cheese, per pound. | Eggs, per dozen. | Starch, per pound. | Sugar, refined, per pound. | Tobacco, leaf, per pound. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* |
| 1867 | 1.00 | 1.27 | 8.85 | 30.1 | 34.6 | 35.8 | 12.8 | 14.5 | 13.1 | 12.2 | 24.1 | 15.1 | 35.8 | 8.5 | 10.4 | 10.6 |
| 1868 | 1.175 | 1.90 | 10.07 | 19.2 | 24.2 | 29.4 | 12.5 | 14.6 | 11.4 | 11.9 | 28.1 | 13.7 | 30.0 | 8.8 | 14.1 | 11.1 |
| 1869 | .968 | 1.39 | 7.74 | 24.9 | b..... | 32.7 | 15.2 | 17.8 | 14.0 | 8.9 | 36.6 | 16.1 | b..... | 8.7 | 15.0 | 11.3 |
| 1870 | .925 | 1.29 | 6.11 | 23.5 | 28.5 | 30.5 | 15.7 | 16.6 | 13.2 | 7.3 | 29.3 | 15.5 | 39.6 | 8.2 | 12.6 | 11.4 |
| 1871 | .759 | 1.32 | 6.59 | 14.9 | 25.3 | 25.7 | 11.4 | 13.2 | 10.9 | 8.7 | 21.5 | 13.7 | 28.5 | 6.6 | 13.2 | 9.2 |
| 1872 | .695 | 1.47 | 7.11 | 19.3 | 23.7 | 24.9 | 8.6 | 10.1 | 7.2 | 7.0 | 19.4 | 11.7 | 20.3 | 5.0 | 12.6 | 10.3 |
| 1873 | .618 | 1.31 | 7.57 | 18.8 | 25.3 | 23.5 | 8.8 | 9.2 | 7.8 | 7.7 | 21.1 | 13.1 | 26.6 | 5.3 | 11.6 | 10.7 |
| 1874 | .719 | 1.43 | 7.14 | 15.4 | 25.2 | 17.3 | 9.6 | 9.4 | 8.2 | 8.2 | 25.0 | 13.1 | 22.1 | 5.7 | 10.5 | 9.6 |
| 1875 | .848 | 1.12 | 5.97 | 15.0 | 26.0 | 14.1 | 11.4 | 13.8 | 10.1 | 8.7 | 23.7 | 13.5 | 25.6 | 6.0 | 10.8 | 11.8 |
| 1876 | .672 | 1.24 | 6.22 | 12.9 | 26.2 | 14.0 | 12.1 | 13.3 | 10.6 | 8.7 | 23.9 | 12.6 | 28.0 | 5.4 | 10.7 | 10.4 |
| 1877 | .587 | 1.17 | 6.49 | 11.3 | 23.9 | 21.1 | 10.3 | 10.9 | 9.0 | 7.5 | 20.6 | 11.3 | 25.9 | 5.2 | 11.6 | 10.2 |
| 1878 | .562 | 1.34 | 6.36 | 11.1 | 21.3 | 14.4 | 8.7 | 8.3 | 6.8 | 7.7 | 18.0 | 11.4 | 15.3 | 4.7 | 10.2 | 8.7 |
| 1879 | .471 | 1.07 | 5.25 | 9.9 | 20.4 | 10.3 | 6.9 | 7.0 | 5.7 | 6.3 | 14.2 | 8.9 | 15.5 | 4.2 | 8.5 | 7.8 |
| 1880 | .543 | 1.25 | 5.88 | 11.5 | 23.3 | 8.6 | 6.7 | 7.4 | 6.1 | 6.4 | 17.1 | 9.5 | 16.5 | 4.3 | 9.0 | 7.7 |
| 1881 | .552 | 1.11 | 5.67 | 11.4 | 22.6 | 10.3 | 8.2 | 9.3 | 7.7 | 6.5 | 19.3 | 11.1 | 17.2 | 4.7 | 9.2 | 8.3 |
| 1882 | .668 | 1.19 | 6.15 | 11.4 | 20.9 | 9.1 | 9.9 | 11.6 | 9.0 | 8.5 | 19.3 | 11.0 | 19.2 | 4.8 | 9.7 | 8.5 |
| 1883 | .634 | 1.13 | 5.96 | 10.3 | 21.1 | 8.3 | 11.2 | 11.9 | 9.9 | 8.9 | 18.6 | 11.2 | 20.9 | 4.6 | 9.2 | 8.3 |
| 1884 | .611 | 1.07 | 5.59 | 10.5 | 20.6 | 9.2 | 10.2 | 9.5 | 7.9 | 7.6 | 18.2 | 10.3 | 21.2 | 4.5 | 7.1 | 9.1 |
| 1885 | .540 | .96 | 4.90 | 10.6 | 19.3 | 8.7 | 9.2 | 7.9 | 7.2 | 7.5 | 16.8 | 9.3 | 21.5 | 4.0 | 6.4 | 9.9 |
| 1886 | .498 | .87 | 4.70 | 9.9 | 19.9 | 8.7 | 7.5 | 6.9 | 5.9 | 6.0 | 15.6 | 8.3 | 18.3 | 4.1 | 6.7 | 9.6 |
| 1887 | .479 | .89 | 4.51 | 9.5 | 18.7 | 7.8 | 7.9 | 7.1 | 6.6 | 5.4 | 15.3 | 9.3 | 16.3 | 3.8 | 6.0 | 8.7 |
| 1888 | .550 | .85 | 4.58 | 9.3 | 17.3 | 7.9 | 8.6 | 7.7 | 7.4 | 5.3 | 13.3 | 9.9 | 15.9 | 3.5 | 6.3 | 8.3 |
| 1889 | .474 | .90 | 4.33 | 9.9 | 16.6 | 7.3 | 8.6 | 8.6 | 7.4 | 5.5 | 16.5 | 9.3 | 13.9 | 3.3 | 7.6 | 8.3 |
| 1890 | .418 | .83 | 4.66 | 10.1 | 16.0 | 7.4 | 7.7 | 7.1 | 6.0 | 5.4 | 14.4 | 9.0 | 15.4 | 4.1 | 7.0 | 8.6 |
| 1891 | .574 | .98 | 4.82 | 10.0 | 16.4 | 7.0 | 7.6 | 6.9 | 5.9 | 5.6 | 14.5 | 9.0 | 17.7 | 3.7 | 5.7 | 8.7 |
| 1892 | .55 | 1.03 | 4.96 | 8.7 | 16.0 | 5.9 | 8.1 | 7.2 | 6.0 | 5.7 | 16.0 | 9.4 | 18.0 | 3.1 | 4.6 | 8.4 |
| 1893 | .53 | .89 | 4.54 | 8.5 | 15.0 | 4.9 | 9.1 | 9.5 | 7.3 | 5.4 | 19.0 | 9.4 | 23.2 | 3.2 | 4.7 | 9.0 |

a Upland. b No data.

**No. 253.—Annual Average prices, in Foreign Countries whence shipped, of MERCHANDISE imported into the United States each year from 1879 to 1893, inclusive.**

| Year ending June 30— | Coffee, per pound. | India rubber and gutta-percha, crude, per pound. | Silk, raw or as reeled from the cocoon. | Tea, per pound. | Tin, bars, blocks, or pigs, grain or granulated, per pound. | Coal, bituminous, per ton. | Copper, pigs, bars, ingots, old, and other manufactured, per pound. | Cotton cloth, per square yard. | Mackerel, pickled, per barrel. |
|---|---|---|---|---|---|---|---|---|---|
| | *Cents.* | *Cents.* | *Dollars.* | *Cents.* | *Cents.* | *Dollars.* | *Cents.* | *Cents.* | *Dollars.* |
| 1879 | 12.5 | 40.8 | 4.43 | 24.2 | 14.4 | 3.51 | 11.6 | 12.7 | 6.41 |
| 1880 | 13.5 | 57.1 | 4.69 | 27.4 | 19.5 | 3.34 | 15.6 | 11.7 | 4.38 |
| 1881 | 12.5 | 55.2 | 4.27 | 25.7 | 20.8 | 2.97 | 12.3 | 11.9 | 5.11 |
| 1882 | 10.0 | 62.8 | 4.48 | 24.6 | 23.7 | 2.57 | 12.2 | 11.9 | 6.81 |
| 1883 | 8.2 | 71.7 | 4.31 | 23.5 | 22.9 | 2.89 | 11.0 | 13.1 | 8.20 |
| 1884 | 9.3 | 55.9 | 3.88 | 20.2 | 20.9 | 3.12 | 10.7 | *a* 11.2 | 9.90 |
| 1885 | 8.2 | 37.6 | 3.62 | 19.5 | 17.9 | 3.17 | 7.7 | *a* 10.9 | 7.62 |
| 1886 | 7.6 | 40.6 | 3.62 | 19.6 | 21.0 | 3.10 | 7.7 | *a* 11.7 | 6.05 |
| 1887 | 10.7 | 48.0 | 4.06 | 18.7 | 23.4 | 3.00 | 5.7 | *a* 12.2 | 8.09 |
| 1888 | 14.0 | 43.9 | 3.70 | 15.8 | 27.6 | 3.24 | 7.7 | *a* 12.7 | 9.46 |
| 1889 | 13.0 | 38.0 | 3.48 | 16.0 | 21.0 | 3.40 | 7.0 | *a* 13.0 | 13.57 |
| 1890 | 16.0 | *b* 44.0 | 3.92 | 15.0 | 20.0 | 3.30 | 7.0 | *a* 13.0 | 14.35 |
| 1891 | *b* 19.0 | 52.0 | 3.66 | 17.0 | 20.0 | 3.40 | 8.0 | *a* 14.0 | 11.95 |
| 1892 | *b* 20.0 | *b* 49.0 | 3.23 | 16.0 | 20.0 | 3.28 | 8.7 | *a* 14.0 | 9.62 |
| 1893 | 14.0 | 42.7 | 3.90 | 16.0 | 20.0 | 3.28 | 8.1 | *a* 13.0 | 11.22 |

| Year ending June 30— | Flax, per ton. | Hemp and substitutes for, per ton. | Cylinder, crown, and common window glass, unpolished, per pound. | Plate glass, unsilvered, per square foot. | Pig iron, per ton. | Bars, railway, of steel or in part of steel, per ton. | Sheet, plate, and taggers' iron, per pound. | Tin plates, terne plates, or taggers' tin, per pound. | Rice, per pound. |
|---|---|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Cents.* | *Cents.* | *Dollars.* | *Dollars.* | *Cents.* | *Cents.* | *Cents.* |
| 1879 | 330.30 | 103.27 | 2.9 | 45.0 | 21.97 | 26.80 | 5.5 | 3.7 | 2.9 |
| 1880 | 285.27 | 123.20 | 3.2 | 39.3 | 19.42 | 32.60 | 3.6 | 4.5 | 2.9 |
| 1881 | 268.51 | 126.31 | 3.1 | 42.1 | 20.98 | 36.15 | 5.3 | 3.8 | 2.3 |
| 1882 | 270.11 | 166.58 | 3.0 | 39.0 | 18.57 | 33.35 | 3.4 | 3.8 | 2.2 |
| 1883 | 282.16 | 169.54 | 3.2 | 38.0 | 18.32 | 32.60 | 3.2 | 3.7 | 2.1 |
| 1884 | 277.35 | 163.08 | 3.1 | 36.2 | 17.43 | 31.79 | 3.7 | 3.6 | 2.0 |
| 1885 | 266.20 | 152.12 | 2.8 | 34.3 | 17.70 | 24.80 | 4.3 | 3.3 | 2.1 |
| 1886 | 283.70 | 183.22 | 2.5 | 32.0 | 15.50 | 26.21 | 4.2 | 3.1 | 2.0 |
| 1887 | 269.21 | 123.45 | 2.3 | 30.0 | 15.59 | 19.32 | 3.6 | 3.0 | 2.0 |
| 1888 | 316.66 | 144.64 | 1.9 | 32.0 | 15.49 | 23.53 | 3.3 | 3.0 | 1.8 |
| 1889 | 262.25 | 168.96 | 2.0 | 32.0 | 16.19 | 23.96 | 3.0 | 3.0 | 2.0 |
| 1890 | 271.87 | 200.63 | 2.0 | 33.0 | 25.09 | 23.47 | 3.0 | 3.0 | 2.0 |
| 1891 | 261.69 | 150.76 | 3.0 | 37.0 | 24.65 | *c* 25.96 | 3.0 | 3.0 | 2.0 |
| 1892 | 251.43 | 131.45 | 2.3 | 36.0 | 21.87 | *c* 33.49 | 2.6 | 2.9 | 2.0 |
| 1893 | 280.63 | 142.30 | 2.4 | 34.3 | 23.33 | *b* 24.08 | 2.2 | 2.8 | 1.7 |

*a* Bleached, dyed, colored, stained, painted, or printed cottons only.
*b* Overvalued by reason of depreciation of Brazilian paper milreis.
*c* Includes railway bars of iron.

No. 260.—ANNUAL AVERAGE PRICES OF MERCHANDISE IMPORTED, ETC., FOR EACH YEAR FROM 1879 TO 1893, INCLUSIVE—Continued.

| Year ending June 30— | Molasses, per gallon. | Sugar, melada, etc., not above No. 13, D. S., per pound. | Leaf tobacco. | | Still wines in casks, per gallon. | Clothing wools, per pound. | Combing wools, per pound. | Carpet and other similar wools, per pound. | Carpets and carpeting of all kinds of wool, per square yard. |
|---|---|---|---|---|---|---|---|---|---|
| | | | Suitable for cigar wrappers. | Other leaf. | | | | | |
| | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Cents.* | *Dollars.* |
| 1879 | 18.8 | 3.9 | (a) | 53.8 | 50.3 | 21 | 24 | 12 | 1.44 |
| 1880 | 22.9 | 4.3 | (a) | 50.3 | 57.7 | 23 | 29 | 14 | 1.66 |
| 1881 | 23.5 | 4.4 | (a) | 52.2 | 62.8 | 23 | 29 | 14 | 1.69 |
| 1882 | 27.0 | 4.4 | (a) | 52.4 | 64.8 | 22 | 28 | 14 | 1.33 |
| 1883 | 23.2 | 4.2 | (a) | 57.4 | 63.7 | 22 | 25 | 14 | 1.36 |
| 1884 | 16.4 | 3.5 | 73.6 | 45.9 | 71.4 | 23 | 23 | 12 | 1.27 |
| 1885 | 13.4 | 2.5 | 87.0 | 48.7 | 65.6 | 20 | 24 | 11 | 1.41 |
| 1886 | 14.3 | 2.9 | 77.1 | 49.3 | 66.5 | 16 | 22 | 11 | 1.35 |
| 1887 | 14.1 | 2.4 | (a) | 49.7 | 69.3 | 19 | 24 | 12 | 1.46 |
| 1888 | 15.4 | 2.6 | (a) | 58.4 | 68.6 | 20 | 24 | 12 | 1.46 |
| 1889 | 13.0 | 3.0 | (a) | 55.0 | 69.0 | 20 | 23 | 12 | 1.21 |
| 1890 | 16.0 | 3.0 | (a) | 61.0 | 70.0 | 23 | 25 | 12 | 1.23 |
| 1891 | 16.0 | b 3.0 | 94.0 | 58.0 | 68.0 | 23 | 23 | 11 | 2.06 |
| 1892 | 13.0 | b 2.7 | 71.5 | 43.0 | 71.0 | 21 | 23 | 9 | 2.06 |
| 1893 | 12.3 | b 3.1 | 95.0 | 40.9 | 71.0 | 18 | 23 | 9 | 2.10 |

a Not separately stated.

b Includes sugar not above No. 16 D. S.

**No. 254.—Total Values of IMPORTED MERCHANDISE Warehoused, Withdrawn from, and Remaining in, Warehouse during Each Month from September, 1890, to June, 1893, inclusive.**

| MONTHS. | In warehouse at commencement of month. | Warehoused during the month— | | Additions by liquidation. | Total remaining in, and entered, warehouse. | Withdrawn from warehouse during the month— | | | | | | Deductions by liquidation. | Remaining in warehouse at close of month. | Total withdrawn from, and remaining in, warehouse. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | For exportation— | | | | For transportation. | For consumption. | | | |
| | | Direct importation. | From other districts. | | | To adjacent British provinces. | To Mexico. | To other foreign countries. | Total. | | | | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| 1890—September.. | 42,413,904 | 16,703,629 | 577,880 | 116,332 | 60,811,745 | 133,400 | 26,517 | 252,346 | 412,263 | 633,189 | 17,394,515 | 212,242 | 42,159,536 | 60,811,745 |
| October..... | 42,159,536 | 12,783,679 | 562,900 | 734,917 | 56,180,032 | 239,225 | 30,096 | 288,188 | 557,509 | 564,186 | 19,515,272 | 146,582 | 35,096,483 | 56,180,032 |
| November.. | 35,096,483 | 11,070,401 | 511,158 | 289,186 | 46,967,228 | 154,397 | 53,182 | 369,486 | 577,065 | 611,547 | 10,312,912 | 208,231 | 35,257,478 | 46,967,228 |
| December... | 35,257,478 | 13,539,666 | 459,941 | 244,099 | 49,501,179 | 99,386 | 38,546 | 423,546 | 561,478 | 494,529 | 9,229,677 | 56,417 | 39,159,078 | 49,501,179 |
| 1891—January.... | 39,159,078 | 10,542,451 | 539,196 | 212,972 | 50,453,697 | 164,233 | 32,158 | 685,280 | 881,671 | 375,222 | 21,280,433 | 174,722 | 27,741,649 | 50,453,697 |
| February... | 27,741,649 | 12,296,925 | 289,678 | 149,537 | 40,479,799 | 78,599 | 19,634 | 326,066 | 424,291 | 277,423 | 8,269,879 | 181,577 | 31,326,629 | 40,479,799 |
| March..... | 31,326,629 | 20,012,080 | 536,234 | 204,329 | 52,079,272 | 100,747 | 12,746 | 337,384 | 450,877 | 404,733 | 15,736,162 | 219,330 | 35,268,170 | 52,079,272 |
| April..... | 35,268,170 | 7,437,792 | 345,530 | 125,717 | 43,177,209 | 125,405 | 25,170 | 356,608 | 507,183 | 720,871 | 13,885,378 | 334,015 | 27,679,767 | 43,177,209 |
| May..... | 27,679,767 | 7,105,834 | 559,540 | 127,345 | 35,472,486 | 141,679 | 14,472 | 308,017 | 464,168 | 709,002 | 5,983,532 | 303,503 | 28,012,281 | 35,472,486 |
| June..... | 28,012,281 | 7,438,696 | 518,474 | 424,943 | 36,404,394 | 135,178 | 21,083 | 783,996 | 940,252 | 422,751 | 7,913,044 | 557,086 | 26,571,261 | 36,404,394 |
| July..... | 26,571,261 | 8,721,104 | 440,410 | 166,221 | 35,898,996 | 110,122 | 14,704 | 552,213 | 677,039 | 431,819 | 6,280,720 | 230,944 | 28,278,474 | 35,898,996 |
| August..... | 28,278,474 | 7,112,995 | 276,945 | 72,883 | 35,741,297 | 121,378 | 12,303 | 510,427 | 644,002 | 306,949 | 6,308,354 | 52,661 | 28,429,481 | 35,741,297 |
| September.. | 28,429,481 | 6,435,370 | 481,952 | 106,904 | 35,453,657 | 107,232 | 24,383 | 532,207 | 663,822 | 426,188 | 7,889,092 | 91,850 | 26,382,705 | 35,453,657 |
| October..... | 26,382,705 | 7,025,746 | 498,905 | 140,642 | 34,547,998 | 135,719 | 47,985 | 481,214 | 664,918 | 729,871 | 6,610,982 | 137,717 | 26,405,010 | 34,547,998 |
| November.. | 26,405,010 | 8,229,765 | 912,206 | 152,030 | 35,699,011 | 154,925 | 7,141 | 528,024 | 690,090 | 1,581,204 | 6,155,040 | 157,361 | 27,165,316 | 35,699,011 |
| December... | 27,165,316 | 8,961,035 | 1,066,963 | 184,736 | 37,378,050 | 166,585 | 17,562 | 808,650 | 992,797 | 1,098,265 | 5,773,868 | 145,048 | 29,368,077 | 37,378,050 |
| 1892—January.... | 29,368,077 | 7,724,737 | 890,827 | 59,029 | 37,842,670 | 118,712 | 23,858 | 876,474 | 1,014,044 | 506,612 | 7,476,039 | 58,923 | 28,787,052 | 37,842,670 |
| February... | 28,787,052 | 6,481,139 | 890,205 | 138,973 | 35,997,369 | 126,998 | 17,718 | 559,023 | 703,734 | 392,504 | 6,770,519 | 116,850 | 28,014,262 | 35,997,369 |
| March..... | 28,014,262 | 8,530,686 | 420,535 | 136,782 | 37,102,265 | 180,956 | 11,221 | 705,255 | 897,432 | 608,301 | 6,803,294 | 71,688 | 28,721,550 | 37,102,265 |
| April..... | 28,721,550 | 7,766,936 | 745,867 | 106,181 | 37,340,534 | 253,813 | 17,633 | 765,302 | 1,036,748 | 635,934 | 6,289,030 | 72,260 | 29,206,562 | 37,340,534 |
| May..... | 29,206,562 | 7,711,931 | 557,512 | 318,562 | 37,794,567 | 147,051 | 9,049 | 634,647 | 790,747 | 957,885 | 6,199,787 | 306,591 | 29,539,557 | 37,794,567 |
| June..... | 29,539,557 | 8,019,576 | 1,078,315 | 364,337 | 39,001,785 | 268,116 | 25,186 | 903,892 | 1,197,194 | 894,883 | 6,768,288 | 566,848 | 29,575,072 | 39,001,785 |
| July..... | 29,575,072 | 8,595,252 | 908,705 | 61,836 | 39,140,915 | 237,979 | 18,879 | 415,790 | 672,648 | 667,144 | 7,098,279 | 42,196 | 30,660,648 | 39,140,915 |
| August..... | 30,660,648 | 8,507,156 | 941,620 | 112,065 | 40,221,489 | 215,892 | 14,332 | 703,142 | 933,366 | 834,595 | 7,763,835 | 108,033 | 30,581,160 | 40,221,489 |
| September.. | 30,581,160 | 7,772,969 | 825,900 | 228,661 | 39,408,690 | 200,582 | 14,334 | 386,229 | 601,695 | 868,402 | 7,717,013 | 170,148 | 30,051,432 | 39,408,690 |
| October..... | 30,051,432 | 8,106,825 | 823,157 | 126,551 | 39,107,965 | 229,680 | 7,790 | 544,264 | 781,714 | 807,785 | 6,808,857 | 101,506 | 30,608,153 | 39,107,965 |
| November.. | 30,608,153 | 10,012,990 | 978,514 | 165,789 | 41,765,446 | 142,685 | 18,181 | 879,447 | 1,040,263 | 1,576,919 | 6,963,088 | 143,951 | 32,041,225 | 41,765,446 |
| December... | 32,041,225 | 9,989,475 | 918,953 | 220,856 | 43,170,509 | 121,506 | 26,190 | 823,552 | 971,248 | 1,004,142 | 6,916,809 | 187,920 | 34,090,381 | 43,170,509 |
| 1893—January.... | 34,090,381 | 9,048,242 | 680,414 | 307,105 | 44,126,142 | 146,311 | 9,859 | 428,173 | 584,343 | 686,488 | 9,282,022 | 223,624 | 33,349,665 | 44,126,142 |
| February... | 33,349,665 | 7,728,752 | 618,026 | 164,940 | 41,861,383 | 158,259 | 16,682 | 329,984 | 504,925 | 840,627 | 7,059,067 | 176,954 | 33,279,810 | 41,861,383 |
| March..... | 33,279,810 | 10,285,992 | 1,282,040 | 142,980 | 44,990,822 | 162,512 | 21,904 | 853,039 | 1,037,455 | 861,509 | 7,592,187 | 154,351 | 35,345,320 | 44,990,822 |
| April..... | 35,345,320 | 8,690,102 | 1,175,548 | 204,286 | 45,415,256 | 149,578 | 10,261 | 866,695 | 1,026,534 | 1,197,236 | 6,458,017 | 209,900 | 36,523,569 | 45,415,256 |
| May..... | 36,523,569 | 9,882,247 | 1,046,711 | 222,281 | 47,674,808 | 452,009 | 27,362 | 818,960 | 1,298,331 | 918,057 | 6,860,348 | 237,169 | 38,360,903 | 47,674,808 |
| June..... | 38,360,903 | 9,777,888 | 819,876 | 338,100 | 49,296,297 | 180,228 | 13,602 | 853,816 | 1,047,646 | 1,501,251 | 5,965,821 | 348,742 | 40,432,807 | 49,296,297 |

## No. 255.—The MILITIA FORCE of the UNITED STATES according to the latest returns received at the office of the Adjutant-General, U. S. Army, for the Year 1893.

[From Report to Congress of the Adjutant-General.]

| States and Territories. | Commissioned officers. | | | | | Enlisted men. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Cavalry. | Light batteries. | Infantry. | Other.a | Total. | Cavalry. | Light batteries. | Infantry. | Other.a | Total. |
| Alabama | 12 | 15 | 166 | 104 | 297 | 170 | 197 | 2,296 | ..... | 2,663 |
| Arkansas | 4 | 3 | 59 | 13 | 79 | 40 | 20 | 842 | ..... | 902 |
| California | 4 | 10 | 273 | 156 | 443 | 60 | 112 | 3,812 | 517 | 4,501 |
| Colorado | 6 | 3 | 56 | 41 | 106 | 88 | 44 | 562 | 27 | 721 |
| Connecticut | ..... | 9 | 163 | 18 | 190 | ..... | 104 | 2,381 | 76 | 2,561 |
| Delaware | 6 | ..... | 30 | 14 | 50 | 48 | ..... | 232 | ..... | 280 |
| Florida | ..... | 4 | 80 | 11 | 95 | ..... | 60 | 856 | ..... | 916 |
| Georgia | 62 | 8 | 257 | 49 | 376 | 534 | 102 | 2,523 | ..... | 3,159 |
| Idaho | ..... | ..... | 16 | 8 | 24 | ..... | ..... | 208 | ..... | 208 |
| Illinois | 6 | 8 | 277 | 56 | 347 | 99 | 122 | 4,205 | 4 | 4,430 |
| Indiana | ..... | 14 | 179 | 10 | 203 | ..... | 183 | 2,247 | ..... | 2,430 |
| Iowa | ..... | ..... | 188 | 42 | 230 | ..... | ..... | 2,082 | 3 | 2,085 |
| Kansas | ..... | ..... | 105 | 18 | 123 | ..... | ..... | 1,543 | ..... | 1,543 |
| Kentucky | ..... | ..... | 109 | 17 | 126 | ..... | ..... | 1,205 | ..... | 1,205 |
| Louisiana | 2 | 35 | 69 | 14 | 120 | 52 | 367 | 710 | ..... | 1,129 |
| Maine | ..... | ..... | 76 | 12 | 88 | ..... | ..... | 961 | 15 | 976 |
| Maryland | ..... | ..... | 160 | 10 | 170 | ..... | ..... | 1,948 | ..... | 1,948 |
| Massachusetts | 19 | 22 | 284 | 118 | 443 | 237 | 299 | 3,899 | 688 | 5,123 |
| Michigan | ..... | ..... | 158 | 30 | 188 | ..... | ..... | 2,613 | ..... | 2,613 |
| Minnesota | ..... | 11 | 95 | 28 | 134 | ..... | 88 | 1,579 | ..... | 1,667 |
| Mississippi | 7 | ..... | 92 | 49 | 148 | 93 | ..... | 1,197 | 267 | 1,557 |
| Missouri | ..... | 9 | 132 | 22 | 163 | ..... | 144 | 1,977 | 131 | 2,252 |
| Montana | ..... | 3 | 35 | 11 | 49 | ..... | 35 | 442 | ..... | 477 |
| Nebraska | 3 | 3 | 75 | 18 | 99 | 38 | 49 | 900 | ..... | 987 |
| Nevada | ..... | 3 | 33 | 18 | 54 | ..... | 58 | 380 | 1 | 439 |
| New Hampshire | 3 | 4 | 97 | 10 | 114 | 55 | 68 | 1,018 | 5 | 1,141 |
| New Jersey | 3 | 4 | 231 | 51 | 289 | 52 | 68 | 3,500 | 6 | 3,626 |
| New York | 6 | 22 | 626 | 83 | 737 | 105 | 367 | 11,517 | 84 | 12,073 |
| North Carolina | 3 | ..... | 138 | 43 | 184 | 87 | ..... | 1,403 | 158 | 1,598 |
| North Dakota | 10 | 4 | 33 | 3 | 50 | 62 | 50 | 317 | ..... | 429 |
| Ohio | 9 | 45 | 358 | 18 | 430 | 81 | 483 | 5,017 | 114 | 5,695 |
| Oregon | 6 | 4 | 96 | 14 | 120 | 100 | 42 | 1,313 | ..... | 1,455 |
| Pennsylvania | 15 | 18 | 564 | 83 | 680 | 178 | 230 | 7,223 | 303 | 7,934 |
| Rhode Island | 13 | 6 | 68 | 83 | 170 | 90 | 90 | 724 | 402 | 1,306 |
| South Carolina | 169 | 4 | 331 | 87 | 591 | 1,375 | 427 | 3,047 | ..... | 4,849 |
| South Dakota | ..... | 3 | 67 | 23 | 93 | ..... | 43 | 643 | ..... | 686 |
| Tennessee | ..... | 7 | 67 | 58 | 132 | ..... | 104 | 1,029 | 529 | 1,662 |
| Texas | 37 | 16 | 185 | 39 | 277 | 383 | 128 | 1,990 | 6 | 2,507 |
| Vermont | ..... | 8 | 48 | 23 | 79 | ..... | 72 | 585 | 48 | 705 |
| Virginia | 32 | 20 | 185 | 10 | 247 | 294 | 196 | 2,484 | ..... | 2,974 |
| Washington | 17 | ..... | 81 | 34 | 132 | 248 | ..... | 1,322 | ..... | 1,570 |
| West Virginia | ..... | ..... | 69 | 11 | 80 | ..... | ..... | 820 | ..... | 820 |
| Wisconsin | 4 | 5 | 169 | 17 | 195 | 58 | 56 | 2,412 | ..... | 2,526 |
| Wyoming | ..... | ..... | 86 | 10 | 46 | ..... | ..... | 369 | ..... | 369 |
| TERRITORIES. | | | | | | | | | | |
| Alaska b | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Arizona | ..... | ..... | 96 | 8 | 104 | ..... | ..... | 366 | ..... | 366 |
| New Mexico | ..... | ..... | 32 | 16 | 48 | ..... | ..... | 421 | ..... | 421 |
| Oklahoma b | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Utah b | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| District of Columbia | 2 | 3 | 115 | 15 | 135 | 39 | 41 | 1,217 | 131 | 1,428 |
| Total | 460 | 333 | 6,859 | 1,626 | 9,278 | 4,616 | 4,449 | 90,332 | 3,515 | 102,912 |

a Includes general staff, signal corps, hospital and ambulance corps, naval brigade, cadet corps, etc.
b No organized militia.

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES according to the Census of 1890.

Note.—Live assets includes raw materials; stock in process, and finished products on hand; and cash, bills, and accounts receivable. Miscellaneous expenses includes rent for tenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash used in the business; and all sundries not elsewhere reported. Cost of materials used includes fuel; rent of power and heat; and mill supplies. These data are preliminary and subject to change. Does not include the value of "hired property."

[From the Eleventh Census of the United States.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Agricultural implements | 910 | 145, 313, 997 | 31, 311, 412 | 6, 246, 748 | 13, 671, 576 | 11, 393, 088 | 113, 502, 585 | 11, 129, 548 |
| Ammunition | 35 | 4, 368, 529 | 2, 398, 433 | 453, 045 | 1, 046, 593 | 898, 845 | 1, 970, 046 | 292, 856 |
| Artificial feathers and flowers (*see also* Millinery and lace goods) | 251 | 3, 081, 828 | 391, 734 | 105, 900 | 60, 000 | 225, 834 | 2, 690, 094 | 320, 446 |
| Artificial limbs (*see also* Surgical appliances) | 59 | 186, 896 | 84, 385 | 13, 110 | 8, 150 | 63, 125 | 102, 511 | 40, 170 |
| Artists' materials | 39 | 361, 460 | 119, 095 | 27, 125 | 27, 510 | 64, 460 | 242, 365 | 45, 400 |
| Awnings, tents, and sails | 581 | 3, 063, 009 | 422, 538 | 93, 560 | 78, 400 | 250, 578 | 2, 640, 471 | 325, 853 |
| Axle grease | 31 | 451, 228 | 195, 217 | 71, 000 | 63, 600 | 60, 617 | 256, 011 | 50, 158 |
| Babbit metal and solder | 26 | 954, 654 | 256, 475 | 101, 550 | 88, 350 | 66, 575 | 698, 179 | 49, 866 |
| Bagging, flax, hemp, and jute | 16 | 3, 332, 102 | 1, 964, 200 | 202, 800 | 462, 400 | 1, 299, 000 | 1, 367, 902 | 122, 272 |
| Bags, other than paper | 64 | 6, 015, 685 | 1, 740, 190 | 264, 700 | 455, 400 | 1, 020, 090 | 4, 275, 495 | 346, 889 |
| Bags, paper | 56 | 3, 321, 797 | 879, 460 | 71, 239 | 113, 850 | 695, 371 | 1, 442, 337 | 216, 584 |
| Baking and yeast powders | 150 | 3, 587, 919 | 976, 593 | 257, 170 | 319, 575 | 399, 848 | 2, 611, 326 | 705, 991 |
| Baskets, and rattan and willow ware (*see also*, Whalebone and rattan) | 403 | 2, 702, 713 | 852, 325 | 168, 243 | 340, 875 | 343, 207 | 1, 850, 388 | 250, 471 |
| Bellows | 17 | 146, 044 | 43, 775 | 8, 550 | 12, 900 | 22, 325 | 102, 269 | 13, 655 |
| Balls (*see, also*, Foundry and machine-shop products) | 23 | 590, 420 | 230, 330 | 70, 300 | 72, 900 | 87, 030 | 359, 540 | 36, 658 |
| Belting and hose, leather | 93 | 4, 973, 420 | 1, 068, 371 | 255, 700 | 299, 800 | 532, 871 | 3, 885, 049 | 268, 278 |
| Belting and hose, linen | 9 | 795, 909 | 430, 530 | 66, 000 | 107, 600 | 256, 930 | 365, 379 | 46, 332 |

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Belting and hose, rubber | 17 | 5,270,068 | 1,935,943 | 487,070 | 492,991 | 955,882 | 3,334,125 | 282,543 |
| Bicycles and tricycles | 27 | 2,068,072 | 926,421 | 23,650 | 339,371 | 564,400 | 1,131,651 | 242,018 |
| Bicycle and tricycle repairing | 83 | 172,070 | 78,806 | 6,400 | 7,300 | 65,106 | 93,262 | 24,067 |
| Billiard tables and materials | 57 | 1,456,624 | 380,070 | 97,000 | 91,000 | 192,070 | 1,076,554 | 142,431 |
| Blacking (*see also* Cleansing and polishing preparations) | 71 | 1,408,087 | 431,396 | 57,765 | 79,725 | 293,906 | 971,691 | 264,715 |
| Blacksmithing and wheelwrighting (*see also* Carriages and wagons, including custom work and repairing) | 26,000 | 34,500,139 | 20,524,743 | 7,282,284 | 7,568,296 | 5,654,163 | 13,975,396 | 2,510,586 |
| Bluing | 53 | 184,472 | 52,847 | 11,520 | 12,220 | 29,107 | 131,625 | 21,786 |
| Bone, ivory, and lampblack (*see also* Paints) | 24 | 1,627,651 | 1,216,408 | 618,900 | 306,333 | 291,175 | 411,243 | 84,872 |
| Bookbinding and blank-book making (*see also* Printing and publishing) | 805 | 10,062,034 | 4,321,702 | 215,245 | 258,438 | 3,848,019 | 5,740,332 | 1,214,297 |
| Boot and shoe cut stock | 244 | 5,401,834 | 787,354 | 104,595 | 189,325 | 493,434 | 4,614,480 | 411,472 |
| Boot and shoe findings | 138 | 1,793,123 | 627,562 | 97,215 | 124,305 | 406,042 | 1,165,561 | 163,865 |
| Boot and shoe uppers | 317 | 1,216,026 | 334,097 | 83,700 | 90,240 | 160,157 | 881,929 | 125,707 |
| Boots and shoes, custom work and repairing | 20,803 | 14,230,061 | 8,296,361 | 2,886,383 | 3,233,353 | 2,176,625 | 5,933,720 | 2,786,701 |
| Boots and shoes, factory product | 2,062 | 95,282,311 | 21,527,403 | 2,190,160 | 5,463,879 | 13,873,364 | 73,754,908 | 9,217,519 |
| Boots and shoes, rubber | 11 | 17,790,970 | 3,515,202 | 463,615 | 1,664,992 | 1,386,595 | 14,275,768 | 943,918 |
| Bottling (*see also* Liquors, malt; Mineral and soda waters) | 716 | 5,656,705 | 3,195,945 | 940,077 | 906,819 | 1,349,049 | 2,460,760 | 728,173 |
| Boxes, cigar | 291 | 3,874,451 | 1,371,787 | 260,615 | 317,865 | 793,307 | 2,002,664 | 337,496 |
| Boxes, fancy and paper (*see also* Fancy articles not elsewhere specified) | 333 | 9,277,978 | 3,954,074 | 533,730 | 963,069 | 2,557,255 | 5,323,299 | 941,493 |
| Boxes, wooden packing (*see also* Lumber, planing-mill products, including sash, doors, and blinds) | 696 | 13,018,456 | 6,170,385 | 1,668,733 | 1,637,719 | 2,864,423 | 6,847,671 | 1,011,900 |
| Brass | 14 | 1,208,619 | 361,735 | 103,200 | 230,300 | 424,135 | 846,884 | 69,046 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Brass and copper, rolled | 18 | 8,041,668 | 3,438,815 | 510,000 | 1,380,815 | 1,583,000 | 4,617,778 | 321,793 |
| Brass castings and brass finishings (*see also*, Bronze castings; Plumbers' supplies) | 453 | 13,663,266 | 8,451,459 | 1,843,848 | 2,440,697 | 4,168,514 | 10,211,827 | 1,232,969 |
| Brasswire | 113 | 10,866,601 | 4,158,067 | 636,250 | 1,255,465 | 2,271,952 | 6,712,924 | 844,475 |
| Bread and other bakery products | 10,494 | 45,768,439 | 20,288,790 | 9,480,559 | 11,555,107 | 9,248,124 | 15,474,699 | 6,338,722 |
| Brick and tile (*see also* Clay and pottery products) | 5,838 | 23,578,506 | 58,629,375 | 21,061,188 | 14,601,046 | 17,997,196 | 28,949,191 | 5,108,769 |
| Bridges | 127 | 10,960,218 | 4,251,486 | 755,768 | 978,252 | 2,517,406 | 6,708,732 | 652,947 |
| Bronze castings (*see also* Brass castings and brass finishing) | 14 | 710,190 | 217,002 | 71,219 | 44,589 | 101,344 | 498,188 | 68,001 |
| Brooms and brushes | 1,285 | 7,743,832 | 2,269,507 | 875,470 | 853,450 | 840,587 | 5,474,325 | 611,554 |
| Buttons | 106 | 3,069,265 | 1,262,943 | 98,664 | 208,185 | 956,094 | 1,826,822 | 256,846 |
| Calcium lights | 15 | 73,462 | 51,818 | 5,000 | 2,000 | 44,818 | 21,584 | 6,696 |
| Cardboard (*see also* Paper) | 5 | 616,548 | 262,068 | 80,000 | 74,898 | 177,165 | 334,485 | 38,281 |
| Card cutting and designing | 26 | 89,584 | 41,107 | 3,050 | 2,200 | 35,857 | 48,477 | 9,789 |
| Carpentering | 16,317 | 81,542,845 | 22,247,004 | 7,956,520 | 6,940,728 | 7,419,756 | 59,195,841 | 10,945,617 |
| Carpets and rugs, other than rag (*see also* Woolen goods) | 178 | 88,206,842 | 17,375,284 | 2,884,189 | 5,559,458 | 8,931,787 | 20,838,456 | 1,819,441 |
| Carpets, rag | 854 | 975,381 | 611,805 | 217,288 | 288,145 | 111,372 | 963,576 | 78,182 |
| Carpets, wood | 6 | 333,000 | 210,860 | 75,000 | 57,000 | 78,850 | 122,150 | 41,781 |
| Carriage and wagon materials | 539 | 13,028,161 | 5,915,063 | 994,335 | 1,655,968 | 3,264,760 | 7,113,098 | 821,743 |
| Carriages and sleds, children's | 87 | 3,158,412 | 1,122,872 | 288,200 | 451,460 | 383,212 | 2,035,540 | 248,126 |
| Carriages and wagons, including custom work and repairing (*see also* Blacksmithing and wheelwrighting) | 8,614 | 104,210,602 | 30,732,196 | 13,442,756 | 17,886,952 | 8,901,488 | 64,478,406 | 6,022,972 |
| Cars and general shop construction and repairs by steam railroad companies | 716 | 76,192,477 | 54,733,171 | 10,880,668 | 25,899,882 | 18,478,121 | 21,459,306 | 95,054 |
| Cars and general shop construction and repairs by street railroad companies | 78 | 2,351,162 | 1,916,929 | 814,006 | 777,721 | 325,202 | 494,238 | 78,761 |
| Cars, steam railroad, not including operations of railroad companies | 71 | 43,641,210 | 19,316,079 | 3,811,086 | 7,878,189 | 7,626,804 | 24,325,131 | 1,725,113 |
| Cars, street railroad, not including operations of railroad companies | 17 | 2,462,315 | 988,956 | 489,500 | 280,700 | 218,756 | 1,479,359 | 140,462 |
| Celluloid and celluloid goods | 10 | 2,296,532 | 1,196,795 | 139,728 | 359,127 | 697,930 | 1,101,737 | 241,195 |
| Cheese and butter, urban dairy product | 160 | 607,590 | 449,880 | 145,692 | 150,149 | 154,089 | 157,710 | 61,226 |
| Cheese, butter, and condensed milk, factory product | 4,552 | 16,016,578 | 11,689,692 | 968,333 | 5,588,257 | 5,063,102 | 4,876,881 | 813,954 |

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| Chemicals (*see also* Fertilizers; Gunpowder, High explosives; Paints; Varnish) | 568 | *Dollars.* 55,082,452 | *Dollars.* 28,590,902 | *Dollars.* 6,228,481 | *Dollars.* 9,629,429 | *Dollars.* 12,672,992 | *Dollars.* 26,501,550 | *Dollars.* 4,413,170 |
| China decorating (*see also* Clay and pottery products) | 78 | 499,647 | 112,479 | 23,600 | 35,100 | 53,779 | 387,168 | 47,879 |
| Chocolate and cocoa products | 11 | 2,630,067 | 878,050 | 250,000 | 155,000 | 473,050 | 1,752,017 | 232,891 |
| Cigar molds | 7 | 210,083 | 117,332 | 30,000 | 36,175 | 51,157 | 92,751 | 8,302 |
| Clay and pottery products (*see also* Brick and tile) | 707 | 28,127,104 | 15,606,955 | 3,976,737 | 6,709,949 | 4,920,269 | 10,520,149 | 2,008,007 |
| Cleaning and polishing preparations (*see also* Blacking) | 56 | 304,160 | 115,781 | 23,700 | 28,850 | 63,181 | 188,429 | 40,801 |
| Clock cases and materials (*see also* Watch and clock materials) | 4 | 43,363 | 24,399 | 8,000 | 3,133 | 13,266 | 19,464 | 2,308 |
| Clocks | 27 | 5,727,202 | 1,336,506 | 240,562 | 621,054 | 974,892 | 3,890,694 | 272,984 |
| Cloth sponging and refinishing | 23 | 229,335 | 146,185 | 14,000 | 18,500 | 113,685 | 83,150 | 40,493 |
| Clothing, horse | 31 | 1,028,522 | 106,332 | 27,350 | 31,900 | 47,082 | 921,691 | 57,894 |
| Clothing, men's, custom work and repairing | 13,591 | 54,109,278 | 11,090,130 | 4,202,761 | 4,342,542 | 2,544,827 | 43,019,143 | 7,913,423 |
| Clothing, men's, factory product | 4,867 | 128,253,547 | 8,359,363 | 2,009,521 | 3,269,222 | 3,020,620 | 119,894,184 | 20,460,045 |
| Clothing, men's, factory product—buttonholes | 200 | 190,118 | 130,153 | 11,130 | 12,442 | 106,581 | 59,965 | 45,956 |
| Clothing, women's, dressmaking | 19,587 | 13,883,079 | 6,492,274 | 2,365,464 | 2,258,391 | 1,868,419 | 6,390,805 | 3,177,570 |
| Clothing, women's, factory product | 1,234 | 21,259,528 | 2,900,778 | 554,050 | 617,500 | 1,729,228 | 18,358,750 | 2,620,042 |
| Coffee and spice roasting and grinding | 358 | 16,996,009 | 3,445,002 | 678,339 | 848,041 | 1,918,622 | 13,551,007 | 1,229,926 |
| Coffins and burial cases, trimming and finishing | 1,368 | 6,016,385 | 2,339,798 | 1,016,323 | 1,124,190 | 699,285 | 3,176,587 | 443,832 |
| Coffins, burial cases, and undertakers' goods | 194 | 11,097,736 | 4,019,471 | 1,200,706 | 1,640,590 | 1,178,175 | 7,078,265 | 823,313 |
| Coke | 218 | 17,462,729 | 15,980,284 | 1,405,242 | 869,725 | 13,705,217 | 1,482,445 | 294,784 |
| Collars and cuffs, paper | 8 | 287,764 | 105,110 | 33,902 | 16,951 | 54,257 | 182,654 | 7,627 |
| Combs | 21 | 742,200 | 406,437 | 100,575 | 116,747 | 189,115 | 335,763 | 61,123 |
| Confectionery | 2,921 | 28,936,799 | 11,048,779 | 2,867,625 | 3,334,166 | 4,846,988 | 13,278,020 | 3,302,708 |
| Cooperage | 2,662 | 17,906,554 | 8,029,500 | 2,997,729 | 2,944,600 | 2,087,171 | 9,777,054 | 1,269,618 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cordage and twine | 140 | 22, 786, 019 | 12, 631, 234 | 1, 711, 232 | 4, 605, 005 | 6, 314, 997 | 10, 154, 785 | 987, 974 |
| Cordials and sirups | 40 | 783, 567 | 176, 615 | 39, 150 | 32, 650 | 104, 815 | 606, 952 | 121, 207 |
| Cork-cutting | 65 | 1, 869, 360 | 637, 608 | 127, 700 | 275, 200 | 234, 708 | 1, 231, 752 | 119, 710 |
| Corsets | 205 | 6, 640, 056 | 1, 427, 619 | 193, 050 | 393, 900 | 840, 669 | 5, 212, 437 | 908, 510 |
| Cotton cleaning and rehandling | 18 | 116, 210 | 44, 550 | 17, 000 | 16, 575 | 10, 975 | 71, 660 | 12, 026 |
| Cotton-compressing | 52 | 7, 864. 378 | 7, 233, 753 | 2, 637, 972 | 2, 178, 857 | 2, 416, 924 | 630, 620 | 324, 469 |
| Cotton-ginning | 1, 637 | 3, 221, 987 | 3, 048, 957 | 288, 384 | 696, 400 | 2, 064, 173 | 173, 030 | 176, 004 |
| Cotton goods (*see also* Hosiery and knit goods) | 905 | 354, 020, 843 | 230, 993, 567 | 23, 225, 097 | 69, 742, 664 | 128, 025, 806 | 123, 027, 276 | 16, 716, 524 |
| Cotton ties | 3 | 22, 475 | 19, 135 | 6, 000 | 7, 000 | 6, 135 | 3, 340 | 1, 004 |
| Cotton waste | 31 | 711, 956 | 308, 064 | 67, 525 | 141, 271 | 99, 268 | 403, 892 | 55, 700 |
| Crucibles | 10 | 908, 152 | 460, 467 | 210, 500 | 130, 038 | 119, 929 | 447, 685 | 77, 354 |
| Cutlery and edge tools (*see also* Files, Hardware, Saws; Tools, not elsewhere specified) | 474 | 12, 062, 638 | 5, 876, 717 | 1, 336, 564 | 2, 033, 435 | 2, 506, 718 | 6, 205, 921 | 790, 045 |
| Dentistry, mechanical | 3, 214 | 4, 019, 637 | 2, 443, 548 | 453, 523 | 438, 849 | 1, 551, 176 | 1, 576. 059 | 870. 592 |
| Dentists' materials | 24 | 2, 908, 113 | 823, 415 | 83, 050 | 339, 050 | 351, 315 | 2, 084, 698 | 406, 125 |
| Druggists' preparations, not including prescriptions (*see also* Patent medicines and compounds; Perfumery and cosmetics) | 1, 805 | 4, 624, 814 | 1, 809, 605 | 578, 317 | 693, 319 | 537, 969 | 2, 815, 209 | 663, 883 |
| Drug-grinding | 13 | 337, 885 | 126, 115 | 30, 500 | 19, 000 | 76, 615 | 211, 770 | 37, 213 |
| Dyeing and cleaning | 976 | 3, 041, 178 | 2, 261, 355 | 710, 525 | 647, 295 | 903, 535 | 779, 823 | 525, 052 |
| Dyeing and finishing textiles | 348 | 38, 450, 800 | 19, 879, 039 | 2, 579, 114 | 7, 596, 641 | 9, 703, 284 | 18, 571, 761 | 3, 131, 081 |
| Dyestuffs and extracts | 60 | 8, 590, 096 | 4, 346, 403 | 937, 800 | 1, 724, 929 | 1, 683, 674 | 4, 243, 693 | 372, 597 |
| Electrical apparatus and supplies | 189 | 18, 997, 337 | 6, 170, 507 | 714, 542 | 1, 496, 298 | 3, 959, 672 | 12, 826, 830 | 1, 154, 462 |
| Electric lights and power | 144 | 33, 838, 549 | 19, 167, 012 | 1, 743, 017 | 2, 106, 418 | 15, 317, 577 | 14, 671, 537 | 755, 201 |
| Electroplating | 313 | 2, 051, 134 | 888, 178 | 155, 760 | 129, 420 | 602, 993 | 1, 162, 961 | 182, 826 |
| Emery wheels | 17 | 823, 059 | 232, 902 | 26, 000 | 53, 374 | 153, 528 | 590, 157 | 81, 148 |
| Enameled goods | 19 | 350, 798 | 143, 472 | 6, 000 | 9, 000 | 128, 472 | 207, 326 | 23, 856 |
| Enameling | 27 | 71, 917 | 33, 387 | 5, 000 | 3, 800 | 24, 587 | 88, 530 | 15, 751 |
| Engravers' materials | 16 | 139, 920 | 49, 460 | 1, 500 | 3, 500 | 44, 460 | 90, 460 | 13, 959 |
| Engraving and die-sinking | 382 | 794, 554 | 424, 854 | 22, 050 | 41, 050 | 361, 754 | 880, 700 | 150, 239 |
| Engraving, steel, including plate-printing (*see also* Lithographing and engraving, Photo-lithographing and engraving) | 134 | 2, 924, 125 | 1, 250, 133 | 8, 200 | 332, 000 | 909, 933 | 1, 673, 992 | 155, 902 |
| Engraving, wood | 285 | 480, 990 | 149, 758 | 3, 000 | 4, 000 | 142, 758 | 331, 232 | 106, 791 |
| Envelopes | 41 | 3, 218, 466 | 1, 342, 677 | 96, 000 | 203, 500 | 1, 043, 177 | 1, 875, 789 | 346, 129 |

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Fancy articles, not elsewhere specified | 377 | 2,386,317 | 857,441 | 130,850 | 173,490 | 553,101 | 1,528,876 | 276,390 |
| Felt goods (*see also* Woolen goods) | 34 | 4,460,621 | 1,865,984 | 276,780 | 714,453 | 874,751 | 2,594,637 | 232,871 |
| Fertilizers (*see also* Chemicals) | 390 | 40,594,168 | 13,197,623 | 2,870,499 | 5,787,740 | 4,539,384 | 27,396,545 | 2,790,082 |
| Files (*see also* Cutlery and edge tools) | 140 | 2,991,988 | 1,776,199 | 265,970 | 486,804 | 1,023,425 | 1,215,789 | 180,310 |
| Firearms | 34 | 4,672,424 | 2,755,496 | 418,900 | 630,350 | 1,706,246 | 1,916,928 | 202,656 |
| Fire extinguishers, chemical | 9 | 405,733 | 48,530 | 4,500 | 16,000 | 28,030 | 357,203 | 18,859 |
| Fireworks | 22 | 507,266 | 214,435 | 73,900 | 93,675 | 46,860 | 292,831 | 25,483 |
| Fish, canning and preserving (*see also* Food preparations) | 110 | 3,136,975 | 1,421,730 | 456,970 | 467,340 | 497,420 | 1,765,245 | 280,660 |
| Flags and banners (*see also* Regalia and society banners and emblems) | 29 | 376,130 | 153,945 | 73,800 | 42,950 | 37,195 | 222,185 | 20,098 |
| Flavoring extracts | 148 | 1,361,900 | 225,650 | 42,640 | 41,660 | 141,350 | 1,136,150 | 153,406 |
| Flax, dressed | 6 | 1,361,635 | 867,810 | 201,010 | 204,200 | 462,600 | 493,825 | 45,567 |
| Flouring and grist mill products | 18,470 | 203,473,500 | 136,539,851 | 28,776,931 | 41,730,612 | 71,032,308 | 71,933,649 | 13,162,037 |
| Food preparations (*see also* Fish canning and preserving; Fruits and vegetables canning and preserving; Oysters canning and preserving) | 302 | 6,715,535 | 3,040,819 | 663,661 | 999,835 | 1,373,273 | 3,674,716 | 381,623 |
| Foundry and machine shop products (*see also* Ironwork, architectural and ornamental; Steam fitting and heating apparatus) | 6,475 | 352,796,337 | 137,048,990 | 41,014,439 | 51,032,859 | 95,001,692 | 195,749,347 | 24,637,990 |
| Foundry supplies | 21 | 679,317 | 353,105 | 111,900 | 104,000 | 137,205 | 326,712 | 53,282 |
| Fruit-jar trimmings | 5 | 1,025,697 | 596,384 | 200,000 | 200,500 | 195,884 | 429,313 | 33,689 |
| Fruits and vegetables, canning and preserving (*see also* Food preparations; Pickles, preserves, and sauces) | 396 | 15,315,185 | 6,205,843 | 1,338,584 | 2,397,232 | 2,490,027 | 9,109,342 | 1,289,681 |
| Fur goods (*see also* Hats and caps, not including wool hats) | 484 | 11,115,840 | 1,089,777 | 220,310 | 546,500 | 322,967 | 10,026,063 | 864,506 |
| Furnishing goods, men's, (*see also* Shirts) | 586 | 13,299,011 | 1,619,759 | 231,949 | 357,211 | 1,030,599 | 10,679,253 | 2,320,369 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Furniture, cabinetmaking, repairing, and upholstering, (*see also* Mattresses and spring beds) | 4,054 | 12,861,208 | 4,775,372 | 1,603,213 | 1,820,418 | 1,352,746 | 3,085,336 | 1,406,085 |
| Furniture, chairs | 346 | 14,387,075 | 4,592,771 | 992,312 | 1,907,254 | 1,693,205 | 9,794,304 | 1,159,910 |
| Furniture, factory product | 1,579 | 66,393,864 | 24,595,398 | 6,293,354 | 9,438,445 | 8,863,594 | 41,798,471 | 5,369,929 |
| Furs, dressed | 26 | 266,921 | 152,025 | 40,950 | 44,600 | 66,475 | 114,896 | 13,294 |
| Galvanizing | 27 | 1,301,978 | 464,593 | 144,300 | 128,900 | 191,393 | 337,380 | 99,192 |
| Gas and lamp fixtures (*see also* Lamps and reflectors) | 106 | 7,218,964 | 2,354,562 | 376,275 | 691,000 | 1,267,287 | 4,864,402 | 793,283 |
| Gas, illuminating and heating | 742 | 256,771,795 | 234,401,052 | 45,521,707 | 35,048,485 | 153,880,910 | 24,370,743 | 7,799,385 |
| Gas machines and meters | 33 | 1,603,426 | 514,687 | 73,350 | 149,250 | 292,087 | 1,088,739 | 105,209 |
| Gas stoves | 24 | 1,199,528 | 515,229 | 29,591 | 141,562 | 344,076 | 684,299 | 118,617 |
| Glass | 294 | 40,966,859 | 25,437,450 | 5,097,726 | 11,401,021 | 8,938,708 | 15,529,400 | 2,267,696 |
| Glass cutting, staining, and ornamenting | 279 | 2,504,089 | 692,797 | 132,516 | 134,000 | 426,281 | 1,811,292 | 272,128 |
| Gloves and mittens (*see also* Hosiery and knit goods; Woolen goods) | 334 | 5,977,820 | 913,116 | 162,530 | 345,550 | 405,086 | 5,064,704 | 426,937 |
| Glucose | 7 | 5,991,023 | 4,470,000 | 870,000 | 1,400,000 | 2,200,000 | 1,521,023 | 923,429 |
| Glue | 62 | 4,859,266 | 1,972,993 | 564,475 | 719,631 | 688,887 | 2,886,273 | 420,912 |
| Gold and silver, leaf and foil | 81 | 1,105,198 | 548,026 | 109,900 | 197,650 | 240,476 | 557,172 | 46,863 |
| Gold and silver, reducing and refining, not from the ore | 38 | 4,763,397 | 2,082,781 | 248,000 | 1,135,111 | 649,670 | 2,730,616 | 354,118 |
| Graphite | 3 | 38,614 | 9,500 | | | 9,500 | 29,114 | 4,999 |
| Grease and tallow (*see also* Axle grease; Soap, and candles) | 283 | 4,336,198 | 2,746,979 | 983,060 | 1,017,144 | 796,755 | 1,589,214 | 278,334 |
| Grindstones | 9 | 78,750 | 32,500 | 3,500 | 3,500 | 25,500 | 46,250 | 5,799 |
| Gunpowder (*see also* Ammunition; High explosives) | 37 | 9,609,975 | 5,001,388 | 942,756 | 1,657,604 | 2,401,028 | 4,608,587 | 959,240 |
| Hairwork | 492 | 1,362,998 | 342,412 | 125,000 | 115,790 | 101,622 | 1,020,581 | 282,152 |
| Hammocks | 6 | 65,525 | 5,200 | 200 | 700 | 4,300 | 60,325 | 8,369 |
| Hand-knit goods | 26 | 78,465 | 34,915 | 16,309 | 9,700 | 14,915 | 43,553 | 20,352 |
| Hand stamps | 234 | 998,873 | 557,506 | 79,000 | 83,000 | 426,506 | 441,365 | 126,548 |
| Hardware (*see also* Cutlery and edge tools; Tools not elsewhere specified) | 350 | 28,271,340 | 12,330,030 | 1,929,035 | 3,660,404 | 6,740,591 | 13,941,310 | 2,400,827 |
| Hardware, saddlery | 102 | 3,376,356 | 1,284,496 | 204,150 | 315,364 | 764,982 | 2,091,360 | 250,668 |
| Hat and cap materials | 18 | 1,709,650 | 577,380 | 87,300 | 129,500 | 351,080 | 1,131,770 | 146,073 |
| Hats and caps, not including wool hats (*see also* Fur goods; Straw goods not elsewhere specified) | 705 | 13,734,902 | 5,056,721 | 1,085,052 | 1,710,327 | 2,260,742 | 8,667,281 | 1,651,268 |
| Hay and straw baling | 72 | 416,541 | 261,603 | 42,310 | 134,196 | 84,597 | 154,938 | 30,430 |
| High explosives (*see also* Ammunition; Gunpowder) | 33 | 3,929,503 | 1,404,488 | 225,067 | 468,061 | 711,320 | 2,525,015 | 209,680 |
| Hones and whetstones | 9 | 97,985 | 65,450 | 22,500 | 18,700 | 22,250 | 32,485 | 1,918 |

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc.—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Hooks and eyes | 10 | 449,618 | 246,545 | 11,200 | 37,539 | 197,825 | 203,073 | 33,006 |
| Horseshoes, factory product | 4 | 1,299,065 | 675,950 | 62,879 | 68,500 | 544,571 | 623,115 | 42,019 |
| Hosiery and knit goods (*see also* Cotton goods, Gloves and mittens, Woolen goods) | 796 | 50,607,738 | 23,574,761 | 2,271,466 | 6,194,088 | 15,109,207 | 27,032,977 | 3,627,245 |
| House-furnishing goods, not elsewhere specified | 123 | 6,939,650 | 3,065,108 | 414,500 | 1,179,366 | 1,471,242 | 3,874,551 | 366,750 |
| Ice, artificial | 222 | 9,846,468 | 8,873,731 | 1,595,360 | 1,338,652 | 5,939,719 | 972,737 | 477,485 |
| Ink, printing | 25 | 1,363,025 | 620,163 | 174,600 | 132,900 | 312,663 | 1,242,862 | 162,554 |
| Ink, writing | 33 | 792,194 | 357,760 | 101,500 | 154,900 | 101,360 | 434,434 | 47,676 |
| Instruments, professional and scientific | 223 | 2,996,021 | 1,293,363 | 247,600 | 248,817 | 796,946 | 1,702,658 | 203,987 |
| Iron and steel | 645 | 373,478,018 | 210,330,316 | 31,553,087 | 42,766,656 | 136,510,573 | 162,647,702 | 16,918,753 |
| Iron and steel bolts, nuts, washers and rivets | 83 | 10,789,821 | 5,312,293 | 1,101,168 | 1,291,348 | 3,419,776 | 4,977,529 | 597,605 |
| Iron and steel doors and shutters | 7 | 42,550 | 23,950 | 10,000 | 5,000 | 8,950 | 18,600 | 4,210 |
| Iron and steel forgings | 90 | 7,152,145 | 4,281,004 | 1,125,732 | 699,398 | 2,455,964 | 2,871,141 | 366,812 |
| Iron and steel nails and spikes, cut and wrought, including wire nails | 133 | 24,334,549 | 13,525,194 | 2,273,151 | 3,106,506 | 8,443,537 | 10,509,355 | 1,244,624 |
| Iron and steel pipe, wrought | 23 | 22,622,367 | 9,043,906 | 1,678,093 | 1,917,951 | 5,447,862 | 13,578,461 | 1,095,805 |
| Ironwork, architectural and ornamental (*see also* Foundry and machine-shop products) | 734 | 21,968,172 | 10,671,456 | 2,963,622 | 3,877,618 | 4,810,215 | 11,296,717 | 1,244,813 |
| Ivory and bone work | 64 | 1,394,549 | 539,272 | 135,000 | 402,400 | 301,872 | 1,055,277 | 111,293 |
| Japanning | 30 | 285,794 | 111,900 | 9,650 | 18,600 | 83,650 | 173,894 | 21,941 |
| Jewelry (*see also* Watch, clock and jewelry repairing) | 783 | 22,246,506 | 4,141,958 | 173,200 | 405,661 | 3,563,097 | 18,104,550 | 1,493,545 |
| Jewelry and instrument cases | 76 | 634,900 | 141,196 | 1,700 | 16,700 | 122,796 | 493,704 | 70,679 |
| Jute and jute goods | 7 | 1,645,636 | 891,611 | 89,800 | 295,000 | 506,811 | 754,025 | 168,258 |
| Kaolin and other earth grinding | 95 | 3,334,575 | 2,114,961 | 663,422 | 592,950 | 898,589 | 1,219,644 | 223,537 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Kindling wood | 126 | 1,399,533 | 872,105 | 343,772 | 210,950 | 418,383 | 427,426 | 173,206 |
| Labels and tags | 47 | 646,815 | 450,180 | 33,600 | 61,950 | 354,630 | 196,635 | 60,332 |
| Lamps and reflectors (*see also* Gas and lamp fixtures) | 98 | 2,550,214 | 902,773 | 33,900 | 134,360 | 685,572 | 1,647,442 | 197,759 |
| Lapidary work | 29 | 100,635 | 26,435 | ..... | ..... | 26,435 | 74,200 | 13,294 |
| Lard, refined (*see also* Slaughtering) | 17 | 3,898,910 | 898,215 | 106,490 | 152,870 | 638,915 | 3,000,695 | 845,116 |
| Lasts | 52 | 906,830 | 391,283 | 85,750 | 78,400 | 227,133 | 515,538 | 62,192 |
| Lead, bar, pipe and sheet | 28 | 4,892,535 | 2,405,572 | 881,844 | 675,800 | 847,928 | 2,486,953 | 208,645 |
| Leather board (*see also* Paper) | 8 | 445,743 | 250,053 | 47,790 | 65,607 | 136,656 | 195,690 | 30,166 |
| Leather-dressed skins | 38 | 434,800 | 171,700 | 45,675 | 71,000 | 55,025 | 263,100 | 30,978 |
| Leather goods (*see also* Pocketbooks, Trunks, and valises) | 139 | 2,980,060 | 692,622 | 117,110 | 130,343 | 445,169 | 2,287,438 | 190,874 |
| Leather, morocco | 121 | 12,383,793 | 8,988,333 | 651,800 | 1,793,306 | 1,543,227 | 8,295,460 | 338,727 |
| Leather, patent and enameled | 32 | 4,108,409 | 1,530,767 | 461,500 | 647,900 | 421,367 | 2,577,642 | 218,546 |
| Leather, tanned and curried | 1,596 | 81,261,696 | 22,526,492 | 6,846,010 | 10,155,462 | 6,025,020 | 58,735,204 | 4,309,421 |
| Lightning rods | 22 | 436,661 | 113,628 | 35,700 | 40,690 | 42,238 | 318,033 | 20,559 |
| Lime and cement | 873 | 18,752,396 | 14,464,265 | 7,482,480 | 4,095,536 | 2,886,249 | 4,288,131 | 984,009 |
| Linen goods | 3 | 908,589 | 288,895 | 38,995 | 161,400 | 88,500 | 619,694 | 65,583 |
| Liquors, distilled | 440 | 31,006,176 | 16,972,727 | 2,816,967 | 6,299,511 | 7,856,249 | 14,033,449 | 65,179,927 |
| Liquors, malt (*see also* Bottling) | 1,248 | 232,471,290 | 148,239,269 | 33,538,926 | 64,412,133 | 50,288,210 | 84,232,021 | 48,276,290 |
| Liquors, vinous (*see also* Liquors, distilled) | 236 | 5,792,783 | 2,706,613 | 367,010 | 1,049,005 | 1,290,598 | 3,086,170 | 270,377 |
| Lithographing and engraving (*see also* Engraving, steel, including plate printing; Photo-lithographing and engraving; Printing and publishing) | 219 | 15,490,127 | 8,715,408 | 451,329 | 1,075,878 | 7,187,706 | 6,774,719 | 1,155,653 |
| Lock and gunsmithing | 1,308 | 1,867,220 | 1,141,290 | 358,460 | 260,915 | 521,915 | 725,930 | 278,516 |
| Looking-glass and picture frames | 1,290 | 8,554,995 | 2,237,358 | 590,955 | 710,325 | 936,078 | 6,817,637 | 1,019,920 |
| Lumber and other mill products from logs or bolts | 21,011 | 496,339,963 | 294,325,888 | 156,589,097 | 31,273,534 | 106,513,257 | 203,014,080 | 20,136,273 |
| Lumber, planing mill products, including sash, doors and blinds (*see also* Boxes, wooden, packing; Wood, turned and carved | 3,670 | 120,271,440 | 62,327,364 | 16,128,855 | 13,976,848 | 22,221,661 | 67,944,076 | 6,594,958 |
| Malt (*see also* Liquors, malt) | 203 | 24,293,864 | 10,787,614 | 3,230,357 | 5,827,303 | 1,729,954 | 13,506,250 | 1,305,246 |
| Mantles, slate, marble, and marbleized | 90 | 1,854,759 | 698,780 | 304,900 | 238,650 | 155,230 | 1,155,979 | 108,899 |
| Marble and stone work (*see also* Monuments and tombstones) | 1,321 | 24,041,961 | 10,775,391 | 4,889,280 | 1,743,427 | 4,142,684 | 13,266,570 | 1,772,017 |
| Masonry, brick and stone (*see also* Plastering and stucco work) | 5,969 | 51,660,111 | 11,279,547 | 3,798,090 | 2,932,363 | 4,549,094 | 40,380,564 | 5,668,854 |
| Matches | 27 | 1,941,092 | 1,104,935 | 190,228 | 364,698 | 550,009 | 836,157 | 124,800 |

## No. 256.—Statistics of the manufactures of the United States by specified industries, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Mats and matting | 24 | 392,639 | 165,062 | 23,400 | 23,100 | 118,562 | 227,577 | 26,651 |
| Mattresses and spring beds (*see also* Furniture; Wire work, including wire rope and cable) | 696 | 6,662,929 | 2,068,458 | 631,626 | 673,591 | 763,241 | 4,594,471 | 680,386 |
| Millinery and lace goods (*see also* Artificial feathers and flowers) | 278 | 6,630,210 | 1,788,243 | 100,200 | 353,000 | 1,335,043 | 4,841,967 | 742,153 |
| Millinery, custom work | 5,999 | 16,309,220 | 3,964,230 | 1,598,687 | 1,785,615 | 579,925 | 12,344,990 | 2,620,266 |
| Millstones | 4 | 49,450 | 36,150 | 20,500 | 10,600 | 5,050 | 13,300 | 1,628 |
| Mineral and soda waters (*see also* Bottling) | 1,377 | 10,781,617 | 3,229,883 | 1,818,888 | 1,539,273 | 4,871,722 | 2,551,934 | 1,286,577 |
| Mirrors | 45 | 1,695,772 | 264,997 | 18,110 | 33,300 | 213,587 | 1,430,775 | 169,594 |
| Models and patterns | 449 | 1,384,721 | 719,089 | 119,138 | 120,747 | 479,204 | 665,632 | 150,512 |
| Monuments and tombstones (*see also* Marble and stone work) | 2,052 | 13,073,232 | 4,261,564 | 1,988,177 | 1,189,296 | 1,084,091 | 8,811,668 | 970,358 |
| Mucilage and paste | 55 | 748,826 | 286,624 | 48,150 | 96,100 | 142,374 | 462,202 | 67,581 |
| Musical instruments and materials not specified | 298 | 1,329,329 | 650,507 | 156,775 | 191,375 | 302,357 | 678,822 | 178,488 |
| Musical instruments, organs, and materials | 145 | 9,890,288 | 2,083,252 | 450,560 | 871,755 | 760,937 | 7,807,036 | 821,315 |
| Musical instruments, pianos, and materials | 236 | 18,430,872 | 4,701,884 | 1,885,346 | 1,738,750 | 1,577,788 | 13,728,988 | 1,394,513 |
| Needles and pins | 45 | 1,820,089 | 954,609 | 81,100 | 222,900 | 650,609 | 865,480 | 71,674 |
| Nets and seines | 22 | 1,135,764 | 467,623 | 39,573 | 95,633 | 332,417 | 668,141 | 53,920 |
| Oakum | 7 | 275,675 | 186,525 | 73,525 | 35,000 | 78,000 | 89,150 | 6,579 |
| Oil, castor | 7 | 621,798 | 263,962 | 85,500 | 51,000 | 127,462 | 357,836 | 28,314 |
| Oil, cottonseed and cake | 119 | 12,808,996 | 3,941,014 | 898,345 | 2,733,217 | 5,309,452 | 8,867,982 | 1,163,586 |
| Oil, essential | 67 | 102,223 | 70,873 | 10,006 | 11,497 | 49,369 | 31,351 | 34,463 |
| Oil, illuminating, not including petroleum refining | 5 | 561,496 | 349,200 | 107,500 | 114,000 | 127,700 | 212,296 | 15,480 |
| Oil, lard | 7 | 481,526 | 197,509 | 65,500 | 77,500 | 54,509 | 284,026 | 102,663 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Oil, linseed | 62 | 14,003,358 | 5,036,210 | 1,208,775 | 1,514,358 | 2,313,077 | 8,967,148 | 1,321,461 |
| Oil, lubricating | 124 | 4,091,157 | 1,067,901 | 212,584 | 300,476 | 554,841 | 3,023,256 | 928,718 |
| Oil, resin | 8 | 284,110 | 153,500 | 58,000 | 50,000 | 45,500 | 130,610 | 20,890 |
| Oilcloth, enameled | 9 | 772,320 | 412,450 | 74,950 | 170,750 | 166,750 | 360,370 | 66,929 |
| Oilcloth, floor | 19 | 3,704,436 | 1,596,845 | 295,550 | 777,150 | 524,145 | 3,107,591 | 195,764 |
| Oleomargarine | 12 | 634,532 | 135,434 | 32,234 | 29,900 | 73,300 | 499,098 | 335,563 |
| Optical goods | 191 | 2,606,176 | 906,727 | 64,231 | 144,495 | 607,951 | 1,701,449 | 228,028 |
| Ordnance and ordnance stores | 4 | 7,639,991 | 7,446,333 | 2,061,366 | 3,516,329 | 1,847,688 | 193,608 | 18,335 |
| Oysters, canning and preserving (*see also* Food preparations) | 16 | 1,106,962 | 504,250 | 234,200 | 180,750 | 89,300 | 602,712 | 80,199 |
| Painting and paper hanging | 10,043 | 28,135,781 | 7,665,288 | 2,564,067 | 2,516,312 | 2,584,409 | 15,470,493 | 2,632,571 |
| Paints (*see also* Chemicals; Varnish) | 382 | 34,009,203 | 14,869,182 | 4,389,155 | 5,250,204 | 5,229,823 | 19,140,021 | 3,089,427 |
| Paper (*see also* Leather board; Pulp wood) | 567 | 82,374,099 | 56,289,244 | 9,002,883 | 13,250,116 | 29,036,245 | 26,084,855 | 6,270,959 |
| Paper goods, not elsewhere specified | 66 | 2,922,449 | 1,217,536 | 115,550 | 378,900 | 723,086 | 1,704,913 | 234,325 |
| Paper hangings | 27 | 5,709,909 | 2,108,753 | 355,500 | 486,584 | 1,266,669 | 3,601,156 | 660,117 |
| Paper patterns | 27 | 156,106 | 18,690 | 2,500 | 3,550 | 12,640 | 137,416 | 54,857 |
| Patent medicines and compounds (*see also* Druggists' preparations, not including prescriptions) | 1,127 | 18,596,823 | 5,275,507 | 1,700,721 | 1,333,970 | 1,740,816 | 13,321,316 | 7,063,311 |
| Paving and paving materials | 704 | 12,648,093 | 4,689,540 | 1,307,336 | 552,284 | 2,829,920 | 7,958,553 | 1,147,235 |
| Pencil cases | 6 | 66,625 | 21,000 | ..... | ..... | 21,000 | 45,625 | 5,919 |
| Pencils, lead | 5 | 3,100,836 | 936,000 | 270,000 | 373,000 | 293,000 | 2,164,836 | 154,528 |
| Pens, fountain and stylographic | 15 | 142,265 | 43,325 | 3,100 | 3,600 | 36,625 | 98,940 | 12,380 |
| Pens, gold | 18 | 473,964 | 149,120 | 12,000 | 8,000 | 129,120 | 324,844 | 82,753 |
| Pens, steel | 3 | 399,182 | 176,115 | 36,000 | 52,672 | 87,443 | 223,067 | 6,295 |
| Perfumery and cosmetics (*see also* Druggists' preparations, not including prescriptions) | 157 | 2,238,901 | 545,878 | 96,450 | 149,875 | 299,553 | 1,693,023 | 421,335 |
| Petroleum refining | 94 | 77,416,296 | 35,127,700 | 7,836,668 | 6,403,994 | 20,837,038 | 42,288,596 | 3,069,268 |
| Photographic apparatus | 25 | 362,834 | 108,851 | 7,100 | 12,800 | 88,951 | 253,983 | 28,263 |
| Photographic materials | 45 | 1,172,640 | 459,179 | 104,600 | 132,413 | 222,166 | 713,461 | 91,356 |
| Photography | 3,105 | 7,804,582 | 5,080,305 | 614,670 | 684,504 | 3,781,131 | 2,724,277 | 1,592,736 |
| Photo-lithographing and engraving (*see also* Lithographing and engraving; Stereotyping and electrotyping) | 39 | 1,134,873 | 604,373 | 7,000 | 6,500 | 590,873 | 530,495 | 145,059 |
| Pickles, preserves, and sauces (*see also* Fruits and vegetables, canning and preserving) | 316 | 4,913,459 | 1,679,044 | 455,803 | 485,185 | 738,056 | 3,234,415 | 528,283 |
| Pipes, tobacco | 69 | 1,432,753 | 567,738 | 80,863 | 95,015 | 441,910 | 864,965 | 95,545 |

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Plastering and stucco work (*see also* Masonry, brick and stone) | 1,746 | 3,309,297 | 1,460,240 | 474,805 | 486,410 | 499,025 | 1,849,057 | 311,812 |
| Plated and britannia ware (*see also* Silverware) | 68 | 13,150,990 | 3,922,351 | 304,382 | 999,259 | 2,618,710 | 9,228,639 | 1,276,431 |
| Plumbers' supplies (*see also* Brass castings and brass finishing) | 122 | 9,678,107 | 3,859,279 | 988,950 | 1,085,228 | 1,785,101 | 5,818,828 | 550,938 |
| Plumbing and gas-fitting | 5,327 | 29,335,247 | 8,113,905 | 2,590,074 | 2,437,944 | 3,085,887 | 21,221,342 | 2,492,884 |
| Pocket books (*see also* Leather goods) | 62 | 1,121,834 | 257,065 | 63,416 | 116,184 | 77,465 | 864,769 | 101,933 |
| Printing and publishing, book and job (*see also* Bookbinding and blank-book making) | 4,098 | 67,146,445 | 40,295,690 | 2,569,068 | 3,005,354 | 34,721,268 | 26,850,755 | 10,855,620 |
| Printing and publishing, music (*see also* Bookbinding and blank-book making) | 79 | 1,816,205 | 924,777 | 52,200 | 33,600 | 838,977 | 891,428 | 362,117 |
| Printing and publishing, newspapers and periodicals (*see also* Bookbinding and blank-book making) | 12,362 | 126,269,885 | 78,760,084 | 10,409,896 | 11,769,253 | 56,580,885 | 47,509,851 | 35,727,089 |
| Printing materials | 64 | 1,370,487 | 562,878 | 16,500 | 62,056 | 484,322 | 807,609 | 121,874 |
| Printing, tip | 27 | 154,910 | 114,000 | ..... | ..... | 114,000 | 40,910 | 26,992 |
| Pulp goods | 9 | 413,045 | 228,574 | 34,990 | 78,118 | 115,466 | 189,471 | 46,228 |
| Pulp, wood | 82 | 7,455,449 | 5,961,654 | 1,054,400 | 1,725,211 | 3,182,043 | 1,493,795 | 499,722 |
| Pulp from fiber, other than wood | 7 | 583,837 | 321,500 | 38,000 | 78,500 | 205,000 | 262,337 | 33,202 |
| Pumps, not including steam pumps | 256 | 3,540,097 | 1,697,572 | 447,855 | 631,059 | 618,658 | 1,842,525 | 225,377 |
| Refrigerators | 82 | 3,367,329 | 1,149,199 | 313,943 | 404,654 | 430,603 | 2,218,130 | 295,322 |
| Regalia and society banners and emblems (*see also* Flags and banners) | 137 | 1,841,193 | 278,565 | 31,001 | 32,641 | 214,923 | 1,562,628 | 247,883 |
| Registers, car fare | 7 | 74,725 | 32,950 | ..... | ..... | 32,950 | 41,775 | 13,098 |
| Registers, cash | 5 | 292,150 | 96,050 | 8,000 | 25,000 | 63,050 | 196,100 | 16,805 |
| Rice cleaning and polishing | 33 | 2,073,884 | 1,422,273 | 301,870 | 560,850 | 559,553 | 651,611 | 147,992 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Roofing and roofing materials (*see also* Tinsmithing, coppersmithing, and sheet-iron working) | 2,140 | 13,809,597 | 5,409,441 | 1,608,574 | 1,549,458 | 2,251,409 | 7,894,156 | 1,117,670 |
| Rubber and elastic goods | 139 | 13,703,787 | 4,930,715 | 475,650 | 1,172,040 | 3,273,025 | 3,733,072 | 1,133,183 |
| Rules, ivory and wood | 16 | 172,918 | 107,241 | 26,850 | 18,980 | 61,451 | 65,677 | 11,183 |
| Saddlery and harness | 7,931 | 25,946,620 | 9,949,904 | 3,360,578 | 4,166,339 | 3,422,967 | 25,396,716 | 2,666,690 |
| Safes and vaults | 39 | 4,603,118 | 1,318,879 | 172,250 | 292,910 | 853,719 | 3,284,239 | 564,756 |
| Salt | 200 | 13,437,749 | 11,247,543 | 4,287,784 | 4,255,896 | 2,703,868 | 3,190,201 | 674,133 |
| Sand and emery paper and cloth | 9 | 705,957 | 208,139 | 27,737 | 44,815 | 135,647 | 497,768 | 111,073 |
| Sausage (*see also* Slaughtering and meatpacking, wholesale) | 249 | 1,126,562 | 787,149 | 266,905 | 264,340 | 255,904 | 841,413 | 115,520 |
| Saws | 95 | 6,313,373 | 3,537,399 | 631,109 | 656,912 | 1,289,387 | 3,735,974 | 485,625 |
| Scales and balances | 76 | 1,658,655 | 874,601 | 190,500 | 291,625 | 392,476 | 784,054 | 108,056 |
| Screws, machine | 20 | 1,672,343 | 928,427 | 130,500 | 231,618 | 566,109 | 743,916 | 73,946 |
| Screws, wood | 7 | 5,572,237 | 3,356,257 | 333,631 | 1,238,054 | 1,735,572 | 2,215,980 | 310,519 |
| Sewing-machine cases | 7 | 1,430,403 | 691,803 | 101,000 | 307,700 | 283,103 | 738,600 | 81,396 |
| Sewing-machine repairing | 166 | 192,593 | 72,600 | 14,700 | 9,100 | 48,800 | 119,993 | 47,942 |
| Sewing-machines and attachments | 59 | 16,043,136 | 5,531,743 | 553,062 | 1,362,124 | 3,611,557 | 10,511,393 | 1,365,050 |
| Shipbuilding | 1,010 | 53,396,074 | 29,870,665 | 14,294,378 | 10,170,301 | 15,405,486 | 13,522,409 | 1,392,551 |
| Shirts (*see also* Furnishing goods, men's) | 869 | 14,273,611 | 2,931,474 | 510,650 | 889,553 | 1,531,271 | 11,342,137 | 2,188,265 |
| Shoddy | 94 | 3,754,063 | 1,675,801 | 265,500 | 556,990 | 853,311 | 2,078,262 | 238,094 |
| Showcases | 69 | 1,206,022 | 565,928 | 76,500 | 107,284 | 182,144 | 842,094 | 147,134 |
| Silk and silk goods | 472 | 51,007,537 | 21,086,308 | 1,691,660 | 5,218,968 | 14,181,680 | 29,921,229 | 4,259,623 |
| Silversmithing | 24 | 410,773 | 79,275 | 550 | 200 | 78,525 | 331,498 | 30,755 |
| Silverware (*see also* Plated and britannia ware) | 80 | 5,817,641 | 1,766,367 | 215,500 | 380,500 | 1,170,367 | 3,551,274 | 632,891 |
| Slaughtering and meatpacking, wholesale (*see also* Lard, refined; sausage) | 611 | 98,190,766 | 36,652,531 | 10,585,656 | 17,092,271 | 8,974,594 | 61,538,245 | 13,200,585 |
| Slaughtering, wholesale, not including meatpacking (*see also* Lard, refined; sausage) | 507 | 18,696,738 | 8,349,270 | 2,509,667 | 3,211,823 | 2,627,781 | 10,347,468 | 2,516,150 |
| Smelting and refining | 50 | 9,425,912 | 4,295,843 | 448,910 | 2,686,490 | 1,160,443 | 5,130,069 | 472,996 |
| Soap and candles (*see also* Grease and tallow) | 378 | 24,821,069 | 11,183,713 | 3,140,704 | 4,148,637 | 3,894,372 | 13,637,356 | 3,355,625 |
| Soda-water apparatus | 12 | 3,354,928 | 1,122,006 | 238,900 | 225,600 | 657,506 | 2,232,922 | 381,110 |
| Sporting goods | 136 | 1,693,776 | 785,506 | 100,599 | 185,935 | 498,981 | 908,270 | 101,709 |
| Springs, steel, car and carriage | 57 | 3,459,422 | 1,727,252 | 423,159 | 389,783 | 909,310 | 1,732,170 | 178,290 |
| Stamped ware (*see also* Tinsmithing, coppersmithing, and sheet-iron working) | 99 | 8,692,888 | 4,284,347 | 974,250 | 658,639 | 2,651,458 | 4,408,541 | 630,881 |
| Starch | 80 | 4,929,155 | 2,747,655 | 324,011 | 1,877,608 | 1,046,036 | 2,181,500 | 1,108,135 |

## No. 256.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Number of establishments reporting. | Capital. | | | | | | Miscellaneous expenses. |
|---|---|---|---|---|---|---|---|---|
| | | Aggregate. | Plant. | | | | Live assets. | |
| | | | Total. | Land. | Buildings. | Machinery, tools, and implements. | | |
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Stationery goods, not elsewhere specified | 200 | 5,372,309 | 1,906,612 | 207,740 | 350,350 | 1,350,522 | 3,463,697 | 425,554 |
| Steam fittings and heating apparatus (*see also* Foundry and machine-shop products) | 217 | 17,017,364 | 5,853,791 | 977,000 | 1,423,441 | 3,453,350 | 11,163,573 | 1,485,212 |
| Steam packing | 34 | 538,564 | 150,582 | 7,200 | 7,700 | 135,682 | 387,982 | 101,192 |
| Stencils and brands | 106 | 445,165 | 261,060 | 16,100 | 13,200 | 231,760 | 184,105 | 58,339 |
| Stereotyping and electrotyping (*see also* Type founding) | 81 | 1,332,129 | 786,170 | 80,050 | 20,125 | 735,995 | 545,959 | 161,924 |
| Straw goods, not elsewhere specified (*see also* Hats and caps, not including wool hats) | 6 | 106,750 | 39,000 | 250 | 1,000 | 37,750 | 67,750 | 13,685 |
| Sugar and molasses, refining | 393 | 24,013,008 | 14,508,975 | 2,889,472 | 3,891,614 | 7,727,889 | 9,504,033 | 5,920,763 |
| Surgical appliances (*see also* Artificial limbs) | 155 | 856,396 | 278,906 | 34,775 | 40,725 | 203,406 | 577,490 | 184,749 |
| Tar and turpentine | 670 | 4,062,375 | 2,590,113 | 1,670,378 | ..... | 919,735 | 1,472,262 | 178,662 |
| Taxidermy | 63 | 293,112 | 56,309 | 22,100 | 23,550 | 10,659 | 236,803 | 20,361 |
| Timber products, not manufactured at mill | 1,606 | 61,541,086 | 37,823,089 | 30,894,979 | ..... | 6,928,110 | 23,717,997 | 5,187,790 |
| Teasels | 5 | 61,400 | 23,150 | 4,550 | 17,200 | 1,400 | 38,250 | 1,088 |
| Tinsmithing, coppersmithing, and sheet-iron working (*see also* Roofing and roofing materials; Stamped ware) | 7,002 | 36,434,900 | 17,223,734 | 4,507,401 | 5,561,681 | 7,064,652 | 21,211,166 | 3,029,860 |
| Tobacco, chewing, smoking, and snuff | 395 | 30,841,316 | 7,526,380 | 1,463,852 | 3,204,161 | 2,858,367 | 23,314,936 | 19,463,749 |
| Tobacco, cigars and cigarettes | 10,956 | 59,517,827 | 10,193,759 | 3,323,453 | 4,077,496 | 2,792,810 | 49,324,068 | 17,673,063 |
| Tobacco, stemming and rehandling | 292 | 5,785,610 | 869,735 | 197,635 | 482,375 | 189,725 | 4,865,875 | 424,869 |
| Tools, not elsewhere specified (*see also* Cutlery and edge tools; Hardware) | 462 | 11,376,622 | 5,232,703 | 742,349 | 1,216,408 | 3,273,946 | 6,143,919 | 830,443 |
| Toys and games | 139 | 2,781,185 | 1,173,662 | 159,050 | 243,200 | 666,402 | 1,607,523 | 283,592 |
| Trunks and valises (*see also* Leather goods) | 395 | 6,900,756 | 1,854,899 | 634,355 | 668,950 | 551,594 | 5,045,857 | 963,762 |
| Typefounding (*see also* Stereotyping and electrotyping) | 38 | 4,968,309 | 2,287,971 | 86,500 | 177,500 | 2,023,971 | 2,680,338 | 236,907 |
| Typewriters and supplies | 20 | 1,121,783 | 615,948 | 35,250 | 47,050 | 533,648 | 505,835 | 119,773 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Umbrellas and canes | 435 | 5,646,289 | 897,622 | 159,350 | 187,303 | 550,969 | 4,743,667 | 961,326 |
| Upholstery materials (*see also* Woolen goods; Worsted goods, Carpets, and rugs, other than rag) | 152 | 4,427,654 | 1,441,558 | 343,629 | 467,290 | 680,689 | 2,986,096 | 344,043 |
| Varnish (*see also* Paints) | 140 | 11,308,943 | 2,703,849 | 743,525 | 1,083,116 | 877,208 | 3,605,094 | 1,310,811 |
| Vault lights and ventilators (*see also* Foundry and machine-shop products) | 15 | 175,225 | 35,250 | 3,000 | 1,500 | 30,750 | 139,975 | 25,388 |
| Vinegar and cider | 694 | 5,858,395 | 3,685,561 | 880,388 | 1,188,302 | 1,616,871 | 2,172,884 | 355,334 |
| Washing machines and clothes wringers | 163 | 1,712,953 | 588,735 | 100,580 | 184,879 | 303,776 | 1,124,218 | 82,444 |
| Watch and clock materials (*see also* Clock cases and materials) | 32 | 661,784 | 361,250 | 55,500 | 56,100 | 249,650 | 300,534 | 29,099 |
| Watch cases | 45 | 4,727,100 | 1,495,991 | 127,850 | 404,500 | 963,641 | 3,231,109 | 443,175 |
| Watch, clock, and jewelry repairing (*see also* Jewelry) | 4,502 | 6,057,125 | 3,251,046 | 877,854 | 818,144 | 1,555,048 | 2,806,079 | 1,047,575 |
| Watches | 19 | 10,106,114 | 4,941,217 | 679,971 | 1,554,510 | 2,706,736 | 5,164,897 | 733,404 |
| Whalebone and rattan (*see also* Baskets and rattan and willow ware) | 9 | 221,358 | 12,575 | ---------- | ---------- | 12,575 | 208,783 | 13,297 |
| Wheelbarrows | 26 | 1,116,359 | 433,816 | 110,811 | 167,175 | 155,830 | 682,543 | 86,225 |
| Whips | 81 | 1,632,404 | 357,958 | 51,094 | 94,612 | 212,252 | 1,274,446 | 245,962 |
| Windmills | 77 | 2,463,231 | 716,106 | 134,728 | 225,416 | 355,967 | 1,747,125 | 171,781 |
| Window shades | 182 | 4,167,457 | 1,300,655 | 205,900 | 390,900 | 703,855 | 2,866,802 | 1,298,181 |
| Wire | 24 | 11,607,685 | 5,297,694 | 926,655 | 1,505,719 | 2,863,320 | 6,309,991 | 447,480 |
| Wire work, including wire rope and cable (*see also* Mattresses and spring beds) | 569 | 11,757,902 | 5,178,999 | 917,042 | 1,379,625 | 2,882,322 | 6,578,908 | 858,877 |
| Wood preserving | 4 | 262,718 | 241,000 | 87,000 | 18,000 | 186,000 | 21,718 | 13,385 |
| Wood, turned and carved (*see also* Lumber, planing-mill products, including sash, doors, and blinds) | 872 | 7,825,668 | 3,930,607 | 637,509 | 906,626 | 2,386,470 | 3,895,061 | 624,837 |
| Wooden ware, not elsewhere specified | 167 | 2,711,609 | 1,474,902 | 319,668 | 506,545 | 648,689 | 1,236,707 | 200,961 |
| Wool hats | 32 | 4,142,224 | 1,194,389 | 144,350 | 381,105 | 668,934 | 2,947,835 | 249,508 |
| Woolen goods (*see also* Carpets and rugs other than rag; Felt goods, Gloves and mittens, Hosiery and knit goods) | 1,311 | 130,969,940 | 57,820,243 | 6,534,819 | 19,332,575 | 31,952,849 | 73,169,697 | 3,402,628 |
| Worsted goods | 143 | 68,085,116 | 27,890,310 | 2,842,769 | 7,962,365 | 17,085,176 | 40,194,806 | 4,917,760 |
| Zinc | 8 | 1,007,320 | 553,500 | 80,000 | 168,000 | 305,500 | 453,820 | 76,723 |
| All other industries (a) | 12 | 2,952,222 | 2,036,050 | 179,276 | 704,919 | 1,151,855 | 916,172 | 219,518 |
| All industries | 355,401 | 6,524,475,305 | 3,238,701,496 | 775,713,649 | 878,832,137 | 1,584,155,710 | 3,285,773,809 | 630,944,056 |

(a) Includes industries having less than 3 establishments, in order that operations of individual establishments may not be disclosed. These industries are distributed as follows: fuel artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber, vulcanized, 1; sugar and molasses, beet, 2; thread, linen, 2; tinfoil, 2.

## No. 257.—Statistics of the Manufactures of the United States by Specified Industries, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregate. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Agricultural implements | 42,544 | 21,811,761 | 3,529 | 3,615,117 | 188 | 89,550 | 30,435 | 13,907,522 | 84 | 18,642 | 204 | 31 241 |
| Ammunition | 2,267 | 1,110,482 | 104 | 137,121 | 5 | 3,410 | 1,871 | 774,259 | 616 | 167,747 | 9 | 1,701 |
| Artificial feathers and flowers (*see also* Millinery and lace goods) | 6,335 | 2,681,135 | 405 | 518,265 | 73 | 37,014 | 642 | 318,906 | 2,949 | 934,474 | 47 | 6,242 |
| Artificial limbs (*see also* Surgical appliances) | 250 | 189,370 | 34 | 35,472 | 4 | 1,460 | 144 | 97,689 | 33 | 1,300 | 7 | 1,124 |
| Artists' materials | 306 | 165,341 | 58 | 59,789 | 6 | 3,356 | 124 | 66,342 | 21 | 7,724 | 3 | 1,100 |
| Awnings, tents, and sails | 3,372 | 2,208,235 | 720 | 619,038 | 17 | 7,468 | 1,894 | 1,242,534 | 958 | 269,954 | 21 | 3,339 |
| Axle grease | 194 | 135,109 | 68 | 73,467 | ..... | ..... | 113 | 58,752 | 9 | 2,090 | 4 | 800 |
| Babbit metal and solder | 261 | 188,229 | 36 | 102,680 | 2 | 1,266 | 169 | 83,207 | 3 | 940 | ..... | ..... |
| Bagging, flax, hemp, and jute | 3,149 | 905,213 | 42 | 56,831 | ..... | ..... | 1,485 | 485,443 | 1,416 | 316,409 | 138 | 20,378 |
| Bags, other than paper | 3,769 | 1,462,011 | 225 | 253,414 | 18 | 7,140 | 1,015 | 524,045 | 1,168 | 211,072 | 55 | 9,998 |
| Bags, paper | 1,382 | 580,092 | 172 | 174,610 | 10 | 5,768 | 506 | 230,918 | 536 | 130,408 | 11 | 1,896 |
| Baking and yeast powders | 1,267 | 1,001,130 | 206 | 415,575 | 30 | 11,314 | 839 | 422,269 | 501 | 127,142 | 21 | 2,984 |
| Baskets, and rattan and willow ware (*see also* Whalebone and rattan) | 3,782 | 1,269,135 | 414 | 258,559 | 15 | 6,555 | 1,278 | 529,342 | 261 | 57,654 | 166 | 18,322 |
| Bellows | 101 | 62,488 | 29 | 16,234 | 1 | 520 | 60 | 34,514 | ..... | ..... | 5 | 1,545 |
| Bells (*see also* Foundry and machine-shop products) | 490 | 237,227 | 58 | 41,520 | 5 | 1,927 | 297 | 147,517 | 14 | 4,113 | 3 | 750 |
| Belting and hose, leather | 1,621 | 1,114,754 | 270 | 230,309 | 9 | 3,330 | 1,261 | 707,023 | 26 | 3,243 | 20 | 2,716 |
| Belting and hose, linen | 292 | 158,366 | 18 | 29,322 | 1 | 520 | 101 | 73,992 | 168 | 49,026 | 4 | 506 |
| Belting and hose, rubber | 1,945 | 1,043,768 | 100 | 154,464 | 10 | 6,234 | 1,734 | 846,630 | 33 | 26,26 | 8 | 1,664 |
| Bicycles and tricycles | 1,925 | 1,106,738 | 122 | 121,148 | 5 | 2,666 | 1,708 | 903,376 | 3 | 600 | 35 | 6,746 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bicycle and tricycle repairing | 333 | 161, 663 | 91 | 58, 792 | 3 | 750 | 205 | 100, 847 | | | 5 | 794 |
| Billiard tables and materials | 1, 157 | 870, 480 | 138 | 164, 560 | 2 | 720 | 943 | 605, 583 | 3 | 665 | 1 | 283 |
| Blacking (*see also* Cleaning and polishing preparations) | 1, 089 | 561, 644 | 191 | 223, 092 | 16 | 7, 320 | 335 | 192, 791 | 174 | 51, 188 | 60 | 9, 517 |
| Blacksmithing and wheelwrighting (*see also* Carriages and wagons, including custom work and repairing) | 50, 867 | 28, 796, 927 | 24, 307 | 13, 287, 010 | 21 | 10, 179 | 25, 684 | 13, 265, 567 | 11 | 3, 807 | 189 | 28, 803 |
| Bluing | 232 | 104, 194 | 71 | 54, 305 | 6 | 2, 256 | 94 | 35, 070 | 29 | 6, 467 | 15 | 2, 132 |
| Bone, ivory, and lampblack (*see also* Paints) | 385 | 216, 288 | 62 | 94, 247 | | | 258 | 139, 211 | | | 6 | 1, 309 |
| Bookbinding and blank-book making (*see also* Printing and publishing) | 13, 815 | 6, 903, 951 | 1, 278 | 1, 357, 705 | 69 | 37, 763 | 6, 041 | 3, 506, 596 | 4, 371 | 1, 306, 460 | 285 | 38, 455 |
| Boot and shoe cut stock | 5, 503 | 2, 333, 271 | 474 | 417, 730 | 37 | 14, 510 | 2, 399 | 1, 190, 961 | 535 | 145, 143 | 67 | 11, 497 |
| Boot and shoe findings | 2, 286 | 771, 967 | 195 | 173, 459 | 7 | 3, 405 | 689 | 339, 159 | 553 | 104, 772 | 43 | 7, 875 |
| Boot and shoe uppers | 2, 110 | 1, 089, 823 | 568 | 406, 910 | 20 | 10, 145 | 746 | 401, 465 | 341 | 119, 270 | 23 | 3, 899 |
| Boots and shoes, custom work and repairing | 35, 046 | 16, 559, 242 | 13, 143 | 9, 165, 581 | 92 | 34, 728 | 10, 345 | 4, 688, 083 | 269 | 81, 491 | 109 | 16, 350 |
| Boots and shoes, factory product | 139, 333 | 66, 375, 076 | 5, 074 | 5, 456, 387 | 569 | 251, 544 | 42, 487 | 22, 713, 979 | 15, 941 | 5, 096, 687 | 1, 858 | 272, 582 |
| Boots and shoes, rubber | 9, 264 | 3, 966, 875 | 111 | 142, 554 | 19 | 10, 248 | 3, 575 | 1, 705, 649 | 1, 121 | 286, 083 | 84 | 15, 284 |
| Bottling (*see also* Liquors, malt; Mineral and soda waters) | 3, 939 | 2, 271, 355 | 870 | 749, 909 | 15 | 9, 763 | 2, 839 | 1, 477, 989 | 87 | 14, 200 | 83 | 14, 605 |
| Boxes, cigar | 5, 587 | 3, 194, 333 | 397 | 323, 363 | 15 | 9, 354 | 2, 439 | 1, 085, 438 | 933 | 256, 976 | 201 | 28, 907 |
| Boxes, fancy and paper (*see also* Fancy articles not elsewhere specified) | 13, 954 | 6, 869, 900 | 989 | 1, 014, 113 | 67 | 23, 663 | 4, 223 | 2, 121, 251 | 5, 716 | 1, 436, 599 | 359 | 53, 787 |
| Boxes, wooden packing (*see also* Lumber, planing-mill products, including sash, doors, and blinds) | 13, 922 | 6, 477, 125 | 894 | 850, 724 | 23 | 10, 694 | 10, 283 | 4, 730, 116 | 415 | 102, 334 | 742 | 113, 701 |
| Brass | 819 | 436, 569 | 39 | 35, 334 | | | 765 | 336, 460 | | | | |
| Brass and copper, rolled | 2, 801 | 1, 577, 778 | 96 | 194, 600 | 5 | 2, 800 | 2, 114 | 1, 158, 597 | 86 | 23, 235 | 86 | 7, 490 |
| Brass castings and brass finishings (*see also* Bronze castings; Plumbers' supplies) | 11, 903 | 6, 922, 489 | 941 | 1, 155, 169 | 19 | 3, 997 | 9, 607 | 5, 177, 731 | 223 | 79, 717 | 97 | 17, 424 |
| Brassware | 7, 518 | 4, 057, 058 | 340 | 490, 435 | 21 | 9, 554 | 4, 220 | 2, 463, 087 | 342 | 236, 385 | 96 | 15, 975 |
| Bread and other bakery products | 52, 762 | 28, 789, 047 | 11, 614 | 8, 845, 428 | 2, 307 | 823, 360 | 33, 063 | 17, 675, 667 | 4, 190 | 1, 074, 431 | 813 | 143, 221 |
| Brick and tile (*see also* Clay and pottery products) | 109, 151 | 32, 695, 139 | 4, 221 | 2, 966, 263 | 54 | 19, 569 | 98, 614 | 27, 471, 360 | 153 | 21, 616 | 4, 369 | 474, 926 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Bridges | 8,921 | 5,681,364 | 533 | 723,161 | 6 | 2,070 | 7,963 | 4,720,780 | ..... | ..... | 20 | 2,363 |
| Bronze castings (*see also* Brass castings and brass finishing) | 311 | 253,335 | 39 | 57,936 | 1 | 364 | 253 | 186,227 | 3 | 760 | 3 | 548 |
| Brooms and brushes | 10,984 | 4,317,026 | 1,394 | 1,002,998 | 24 | 14,635 | 8,795 | 1,606,716 | 391 | 200,755 | 347 | 49,546 |
| Buttons | 4,036 | 1,673,376 | 193 | 256,759 | 12 | 6,028 | 1,107 | 633,463 | 1,434 | 401,123 | 77 | 11,633 |
| Calcium lights | 97 | 49,570 | 17 | 15,418 | ..... | ..... | 75 | 33,552 | ..... | ..... | ..... | ..... |
| Cardboard (*see also* Paper) | 223 | 139,782 | 17 | 35,010 | ..... | ..... | 142 | 85,532 | 64 | 19,240 | ..... | ..... |
| Card cutting and designing | 214 | 106,583 | 24 | 30,035 | ..... | ..... | 127 | 62,093 | 23 | 8,744 | 7 | 1,075 |
| Carpentering | 140,021 | 94,534,197 | 16,989 | 15,132,583 | 30 | 36,585 | 120,735 | 78,237,266 | 37 | 7,961 | 133 | 23,880 |
| Carpets and rugs, other than rag (*see also* Woolen goods) | 29,121 | 11,633,116 | 379 | 503,026 | 6 | 2,331 | 11,619 | 5,550,234 | 10,745 | 3,445,426 | 1,806 | 330,845 |
| Carpets, rag | 1,764 | 650,119 | 654 | 297,546 | 128 | 42,065 | 494 | 182,793 | 125 | 26,362 | 40 | 4,714 |
| Carpets, wood | 328 | 155,396 | 18 | 18,043 | 1 | 416 | 305 | 135,032 | 4 | 1,900 | ..... | ..... |
| Carriage and wagon materials | 10,923 | 5,208,427 | 901 | 330,419 | 31 | 11,775 | 7,888 | 3,430,243 | 180 | 55,382 | 206 | 36,446 |
| Carriages and sleds, children's | 2,936 | 1,330,955 | 194 | 169,634 | 16 | 6,416 | 2,067 | 949,726 | 207 | 57,078 | 52 | 7,243 |
| Carriages and wagons, including custom work and repairing (*see also* Blacksmithing and wheelwrighting) | 73,453 | 40,193,523 | 9,017 | 7,453,142 | 177 | 80,079 | 55,328 | 28,891,194 | 480 | 125,701 | 504 | 89,081 |
| Cars and general shop construction and repairs by steam railroad companies | 103,585 | 61,797,675 | 1,914 | 1,563,759 | 39 | 15,483 | 100,209 | 56,276,276 | 125 | 33,250 | 56 | 13,852 |
| Cars and general shop construction and repairs by street railroad companies | 2,034 | 1,434,377 | 25 | 23,173 | ..... | ..... | 1,998 | 1,403,249 | ..... | ..... | 1 | 249 |
| Cars, steam railroad, not including operations of railroad companies | 23,023 | 16,696,581 | 633 | 749,196 | 20 | 10,566 | 22,232 | 11,483,051 | 174 | 53,616 | 196 | 84,959 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cars, street railroad, not including operations of railroad companies | 1,833 | 1,174,790 | 43 | 83,530 | ..... | ..... | 1,671 | 989,813 | 2 | 730 | 6 | 1,560 |
| Celluloid and celluloid goods | 551 | 364,766 | 43 | 100,245 | 2 | 920 | 415 | 237,782 | 58 | 12,926 | 2 | 520 |
| Cheese and butter, urban dairy product | 552 | 274,700 | 156 | 96,537 | 14 | 4,916 | 341 | 164,207 | 35 | 8,332 | 1 | 206 |
| Cheese, butter, and condensed milk, factory product | 14,369 | 5,116,005 | 2,107 | 856,000 | 43 | 11,142 | 11,179 | 4,018,245 | 671 | 107,778 | 89 | 10,715 |
| Chemicals (*see also* Fertilizers, Gunpowder, High explosives, Paints, Varnish) | 16,953 | 9,691,843 | 1,794 | 2,816,021 | 120 | 67,411 | 11,475 | 6,243,321 | 2,306 | 625,889 | 118 | 21,430 |
| China decorating (*see also* Clay and pottery products) | 467 | 254,524 | 81 | 66,346 | 33 | 25,558 | 186 | 105,515 | 131 | 38,616 | 6 | 972 |
| Chocolate and cocoa products | 963 | 596,604 | 68 | 139,229 | 2 | 1,328 | 544 | 353,171 | 343 | 101,976 | 6 | 900 |
| Cigar molds | 142 | 67,396 | 18 | 17,300 | ..... | ..... | 93 | 42,398 | 7 | 1,352 | 15 | 2,516 |
| Clay and pottery products (*see also* Brick and tile) | 20,296 | 10,138,143 | 1,368 | 1,347,518 | 43 | 21,598 | 13,950 | 6,808,408 | 1,532 | 346,288 | 405 | 59,983 |
| Cleansing and polishing preparations (*see also* Blacking) | 390 | 176,949 | 88 | 74,429 | 1 | 280 | 204 | 80,403 | 83 | 19,858 | 3 | 1,049 |
| Clock cases and materials (*see also* Watch and clock materials) | 32 | 20,688 | 3 | 3,250 | ..... | ..... | 29 | 17,438 | ..... | ..... | ..... | ..... |
| Clocks | 3,585 | 1,985,525 | 86 | 123,908 | 3 | 3,592 | 1,809 | 1,048,449 | 322 | 107,189 | 25 | 4,567 |
| Cloth sponging and refinishing | 396 | 244,302 | 39 | 42,788 | 3 | 884 | 348 | 199,066 | 4 | 1,200 | 2 | 364 |
| Clothing, horse | 952 | 313,305 | 66 | 71,538 | 5 | 2,693 | 184 | 63,406 | 150 | 47,804 | 62 | 9,207 |
| Clothing, men's, custom work and repairing | 86,143 | 43,551,103 | 14,538 | 12,128,714 | 426 | 176,734 | 22,343 | 13,903,830 | 9,106 | 2,641,031 | 453 | 71,115 |
| Clothing, men's, factory product | 156,341 | 62,311,644 | 10,558 | 10,350,469 | 397 | 395,338 | 34,422 | 19,089,096 | 24,080 | 6,715,114 | 496 | 69,059 |
| Clothing, men's, factory product—buttonholes | 1,373 | 526,925 | 137 | 123,736 | 21 | 10,377 | 307 | 139,174 | 412 | 111,141 | 16 | 2,349 |
| Clothing, women's, dressmaking | 67,598 | 22,373,636 | 709 | 581,296 | 18,276 | 3,646,606 | 768 | 477,725 | 45,238 | 11,965,221 | 360 | 42,833 |
| Clothing, women's, factory product | 42,008 | 18,812,787 | 2,459 | 3,146,543 | 400 | 237,972 | 7,361 | 4,568,764 | 12,788 | 4,819,012 | 213 | 31,898 |
| Coffee and spice roasting and grinding | 5,122 | 3,263,019 | 1,314 | 1,428,357 | 42 | 19,028 | 3,614 | 1,490,026 | 553 | 149,959 | 74 | 12,949 |
| Coffins and burial cases, trimming and finishing | 3,234 | 1,999,153 | 1,378 | 1,036,474 | 30 | 16,238 | 1,668 | 902,818 | 31 | 8,528 | 4 | 670 |
| Coffins, burial cases, and undertakers' goods | 6,424 | 3,555,256 | 647 | 698,516 | 26 | 14,296 | 4,242 | 2,241,967 | 583 | 194,194 | 74 | 14,509 |
| Coke | 9,159 | 4,186,264 | 160 | 118,332 | 1 | 300 | 4,443 | 1,901,456 | ..... | ..... | 32 | 4,564 |
| Collars and cuffs, paper | 91 | 43,637 | 8 | 12,992 | 1 | 520 | 53 | 28,039 | 14 | 3,134 | ..... | ..... |
| Combs | 807 | 433,086 | 65 | 68,321 | ..... | ..... | 563 | 306,710 | 116 | 35,665 | 16 | 3,016 |
| Confectionery | 27,211 | 11,633,443 | 4,226 | 3,409,377 | 1,261 | 441,064 | 11,194 | 5,330,904 | 7,704 | 1,771,681 | 550 | 78,328 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Cooperage | 24,652 | 11,665,366 | 2,063 | 1,600,488 | 14 | 8,629 | 12,942 | 5,848,626 | 8 | 650 | 201 | 52,390 |
| Cordage and twine | 12,506 | 4,412,649 | 281 | 522,549 | 9 | 5,072 | 6,072 | 2,416,927 | 4,256 | 1,108,758 | 886 | 126,444 |
| Cordials and sirups | 387 | 232,963 | 99 | 118,494 | 7 | 3,880 | 196 | 89,964 | 58 | 14,716 | 21 | 3,904 |
| Cork cutting | 2,128 | 762,518 | 118 | 125,387 | 1 | 312 | 828 | 381,631 | 884 | 194,921 | 298 | 54,053 |
| Corsets | 11,870 | 4,062,815 | 279 | 455,701 | 163 | 98,075 | 806 | 510,089 | 8,819 | 1,104,991 | 59 | 9,212 |
| Cotton cleaning and rehandling | 210 | 54,068 | 13 | 9,620 | 1 | 1,200 | 88 | 24,058 | 99 | 18,560 | 8 | 400 |
| Cotton-compressing | 8,000 | 1,228,619 | 215 | 187,611 | ..... | ..... | 1,883 | 517,743 | ..... | ..... | 7 | 880 |
| Cotton-ginning | 7,660 | 781,798 | 789 | 180,838 | 1 | 75 | 6,579 | 631,256 | 90 | 5,180 | 102 | 4,105 |
| Cotton goods (*see also* Hosiery and knit goods) | 221,585 | 69,489,272 | 2,627 | 3,427,362 | 82 | 37,372 | 85,840 | 32,695,795 | 95,821 | 26,088,979 | 23,500 | 2,920,517 |
| Cotton ties | 13 | 3,150 | 3 | 850 | ..... | ..... | 3 | 1,200 | ..... | ..... | 3 | 200 |
| Cotton waste | 329 | 154,257 | 43 | 49,896 | 2 | 1,320 | 197 | 86,543 | 76 | 15,568 | 5 | 780 |
| Crucibles | 254 | 149,210 | 24 | 38,960 | ..... | ..... | 199 | 94,410 | 6 | 600 | 6 | 300 |
| Cutlery and edge tools (*see also* Files, Hardware, Saws, Tools, not elsewhere specified) | 9,457 | 4,913,152 | 764 | 711,073 | 15 | 6,146 | 4,919 | 2,580,483 | 198 | 51,050 | 108 | 16,960 |
| Dentistry, mechanical | 4,737 | 3,481,189 | 3,216 | 2,697,709 | 35 | 15,079 | 1,164 | 665,484 | 191 | 60,724 | 56 | 8,194 |
| Dentists' materials | 1,214 | 867,636 | 200 | 323,726 | 3 | 1,252 | 766 | 473,443 | 179 | 54,940 | 51 | 7,450 |
| Druggists' preparations, not including prescriptions (*see also* Patent medicines and compounds, Perfumery and cosmetics) | 3,940 | 1,966,700 | 1,393 | 1,090,488 | 27 | 8,531 | 1,758 | 777,287 | 204 | 51,660 | 49 | 7,359 |
| Drug-grinding | 173 | 103,594 | 25 | 23,883 | ..... | ..... | 122 | 70,661 | 13 | 8,368 | 1 | 222 |
| Dyeing and cleaning | 5,129 | 2,527,556 | 983 | 705,880 | 265 | 114,280 | 2,091 | 1,133,234 | 1,880 | 396,794 | 60 | 10,811 |
| Dyeing and finishing textiles | 20,267 | 9,717,011 | 836 | 791,906 | 30 | 13,833 | 16,297 | 8,053,091 | 2,151 | 574,973 | 793 | 142,486 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dye stuffs and extracts | 2,277 | 1,275,949 | 121 | 246,662 | 5 | 2,554 | 2,638 | 1,017,486 | 4 | 986 | 8 | 786 |
| Electrical apparatus and supplies | 9,485 | 5,366,188 | 640 | 926,986 | 43 | 22,152 | 6,221 | 3,469,140 | 970 | 243,039 | 44 | 7,543 |
| Electric lights and power | 3,604 | 1,556,628 | 205 | 266,225 | 5 | 3,056 | 1,791 | 1,284,502 | 1 | 240 | 2 | 500 |
| Electroplating | 2,162 | 1,280,475 | 338 | 364,115 | 9 | 4,606 | 1,539 | 802,578 | 67 | 28,152 | 68 | 13,794 |
| Emery wheels | 292 | 182,600 | 44 | 46,008 | 3 | 1,286 | 241 | 124,420 | 2 | 416 | 2 | 520 |
| Enameled goods | 361 | 191,926 | 97 | 42,378 | ..... | ..... | 282 | 116,294 | 92 | 27,256 | 20 | 3,000 |
| Enameling | 187 | 104,672 | 38 | 20,066 | ..... | ..... | 129 | 67,126 | 23 | 7,044 | 2 | 416 |
| Engravers' materials | 161 | 97,339 | 20 | 19,899 | 2 | 1,000 | 137 | 76,045 | 1 | 280 | 1 | 125 |
| Engraving and die sinking | 1,635 | 1,169,073 | 459 | 467,294 | 8 | 5,128 | 1,013 | 617,105 | 39 | 9,540 | 24 | 3,354 |
| Engraving, steel, including plate-printing (*see also* Lithographing and engraving, Photo-lithographing and engraving) | 2,560 | 1,661,363 | 219 | 273,262 | 45 | 31,946 | 1,013 | 750,365 | 370 | 207,437 | 29 | 5,065 |
| Engraving, wood | 1,266 | 956,366 | 334 | 353,372 | 7 | 2,541 | 797 | 533,409 | 7 | 2,660 | 33 | 4,389 |
| Envelopes | 2,501 | 1,058,580 | 164 | 239,801 | 12 | 6,205 | 569 | 327,454 | 220 | 278,354 | 20 | 4,630 |
| Fancy articles, not elsewhere specified | 3,954 | 1,679,218 | 351 | 343,715 | 207 | 101,121 | 1,178 | 634,278 | 1,563 | 430,825 | 59 | 9,463 |
| Felt goods (*see also* Woolen goods) | 2,266 | 1,041,296 | 120 | 156,486 | 4 | 1,430 | 1,356 | 652,059 | 346 | 91,634 | 123 | 19,410 |
| Fertilizers (*see also* Chemicals) | 10,168 | 4,671,881 | 1,122 | 1,249,584 | 10 | 4,377 | 8,838 | 3,376,671 | 88 | 25,214 | 70 | 9,966 |
| Files (*see also* Cutlery and edge tools) | 2,666 | 1,445,941 | 228 | 224,489 | 9 | 3,926 | 1,428 | 751,731 | 47 | 17,113 | 103 | 17,818 |
| Firearms | 2,759 | 1,700,205 | 95 | 120,078 | 4 | 4,196 | 2,277 | 1,376,575 | 12 | 3,816 | 9 | 1,680 |
| Fire extinguishers, chemical | 82 | 57,878 | 25 | 31,684 | 1 | 660 | 55 | 25,279 | 1 | 315 | ..... | ..... |
| Fireworks | 557 | 213,103 | 37 | 46,705 | 2 | 1,100 | 281 | 111,407 | 185 | 46,689 | 32 | 4,798 |
| Fish canning and preserving (*see also* Food preparations) | 5,203 | 1,948,396 | 177 | 117,822 | 5 | 2,430 | 1,904 | 541,678 | 326 | 49,451 | 81 | 5,730 |
| Flags and banners (*see also* Regalia and society banners and emblems) | 364 | 142,625 | 41 | 44,936 | 2 | 1,500 | 101 | 45,241 | 97 | 35,178 | 6 | 986 |
| Flavoring extracts | 709 | 441,786 | 297 | 222,294 | 25 | 10,777 | 338 | 166,625 | 144 | 32,879 | 16 | 2,268 |
| Flax, dressed | 517 | 297,126 | 19 | 28,100 | 1 | 300 | 217 | 114,624 | 255 | 62,620 | 25 | 2,079 |
| Flouring and gristmill products | 68,451 | 27,035,742 | 15,912 | 8,834,109 | 166 | 73,281 | 45,392 | 17,755,268 | 215 | 50,665 | 204 | 21,718 |
| Food preparations (*see also* Fish canning and preserving, Fruits and vegetables canning and preserving, Oysters canning and preserving) | 4,152 | 1,816,835 | 632 | 580,128 | 42 | 12,799 | 2,154 | 927,748 | 966 | 208,501 | 85 | 12,122 |
| Foundry and machine-shop products (*see also* Ironwork architectural and ornamental, Steam fitting and heating apparatus) | 247,734 | 142,369,668 | 16,071 | 18,923,521 | 831 | 208,468 | 205,590 | 115,265,032 | 1,040 | 290,248 | 1,967 | 253,694 |

## No. 257.—Statistics of the Manufactures of the United States by Specified Industries, etc., 1890—Continued.

[See note on page 341.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Foundry supplies | 212 | 152,773 | 49 | 61,140 | ..... | ..... | 163 | 91,633 | ..... | ..... | ..... | ..... |
| Fruit-jar trimmings | 552 | 166,735 | 19 | 36,050 | ..... | ..... | 83 | 28,592 | 55 | 4,914 | 33 | 2,970 |
| Fruits and vegetables, canning and preserving (*see also* Food preparations, pickles, preserves, and sauces) | 50,881 | 5,243,707 | 1,043 | 561,084 | 71 | 11,356 | 14,817 | 2,091,309 | 12,886 | 1,193,000 | 3,499 | 106,704 |
| Fur goods (*see also* Hats and caps, not including wool hats) | 3,075 | 4,749,191 | 1,003 | 1,206,644 | 125 | 65,399 | 2,598 | 1,805,562 | 3,413 | 1,193,541 | 41 | 6,519 |
| Furnishing goods, men's (*see also* Shirts) | 23,211 | 7,569,349 | 1,337 | 1,470,513 | 96 | 40,810 | 2,006 | 1,174,144 | 5,632 | 1,812,464 | 144 | 23,599 |
| Furniture, cabinet-making, repairing, and upholstering (*see also* Mattresses and spring beds) | 14,721 | 8,564,097 | 3,920 | 2,803,646 | 83 | 32,864 | 3,959 | 5,096,006 | 709 | 243,981 | 127 | 21,199 |
| Furniture, chairs | 13,687 | 5,787,810 | 727 | 693,555 | 41 | 18,796 | 7,823 | 3,443,760 | 649 | 133,700 | 412 | 51,101 |
| Furniture, factory product | 68,945 | 34,470,845 | 4,007 | 4,362,439 | 139 | 64,886 | 49,688 | 25,549,492 | 955 | 328,435 | 1,346 | 220,707 |
| Furs, dressed | 437 | 287,508 | 37 | 43,618 | ..... | ..... | 224 | 129,215 | 3 | 700 | 5 | 1,300 |
| Galvanising | 846 | 473,111 | 33 | 110,283 | 2 | 1,000 | 733 | 349,228 | 4 | 880 | 11 | 3,650 |
| Gas and lamp fixtures (*see also* Lamps and reflectors) | 5,530 | 3,592,512 | 505 | 705,955 | 11 | 6,744 | 4,641 | 2,737,419 | 233 | 71,674 | 33 | 8,052 |
| Gas, illuminating and heating | 14,990 | 10,643,794 | 1,810 | 2,120,496 | 54 | 23,673 | 12,951 | 8,492,647 | ..... | ..... | 33 | 6,075 |
| Gas machines and meters | 1,071 | 709,529 | 71 | 82,427 | 2 | 1,200 | 926 | 541,785 | 15 | 6,819 | ..... | ..... |
| Gas stoves | 1,031 | 638,773 | 97 | 116,009 | 11 | 6,033 | 861 | 476,063 | 5 | 1,250 | ..... | ..... |
| Glass | 45,967 | 22,118,522 | 1,053 | 1,217,302 | 42 | 15,359 | 34,337 | 10,664,736 | 1,626 | 273,064 | 6,498 | 918,746 |
| Glass-cutting, staining, and ornamenting | 3,794 | 2,496,420 | 456 | 532,193 | 18 | 9,666 | 3,043 | 1,861,261 | 151 | 50,713 | 56 | 11,427 |
| Gloves and mittens (*see also* Hosiery and knit goods, woolen goods) | 8,630 | 3,109,008 | 456 | 436,122 | 20 | 12,643 | 1,807 | 864,891 | 1,121 | 282,097 | 84 | 11,411 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Glucose | 1,759 | 974,406 | 35 | 72,320 | ..... | ..... | 1,714 | 897,562 | 5 | 1,524 | ..... | ..... |
| Glue | 1,836 | 823,452 | 138 | 146,687 | 1 | 676 | 1,595 | 688,568 | 34 | 8,256 | 67 | 9,470 |
| Gold and silver leaf and foil | 1,499 | 800,796 | 84 | 96,409 | 10 | 6,220 | 629 | 420,806 | 496 | 155,743 | 13 | 2,797 |
| Gold and silver, reducing and refining, not from the ore | 966 | 771,030 | 83 | 145,423 | ..... | ..... | 864 | 613,369 | 1 | 416 | 2 | 462 |
| Graphite | 21 | 10,442 | 3 | 1,434 | ..... | ..... | 17 | 8,688 | 1 | 320 | ..... | ..... |
| Grease and tallow (*see also* Axle grease, soap, and candles) | 1,787 | 1,079,284 | 313 | 283,444 | 4 | 1,952 | 1,431 | 735,078 | 7 | 2,296 | 24 | 6,164 |
| Grindstones | 132 | 56,980 | 8 | 5,204 | ..... | ..... | 123 | 51,686 | ..... | ..... | 1 | 90 |
| Gunpowder (*see also* Ammunition, high explosives) | 1,730 | 1,002,694 | 106 | 166,201 | 2 | 1,300 | 1,578 | 806,991 | ..... | ..... | 10 | 1,637 |
| Hairwork | 1,945 | 870,601 | 250 | 219,979 | 296 | 160,368 | 210 | 114,484 | 941 | 307,043 | 28 | 5,158 |
| Hammocks | 86 | 18,359 | 6 | 3,755 | ..... | ..... | 13 | 5,343 | 14 | 2,799 | ..... | ..... |
| Hand-knit goods | 224 | 61,989 | 27 | 22,224 | 11 | 3,914 | 12 | 5,887 | 78 | 13,059 | 8 | 490 |
| Hand stamps | 1,068 | 650,647 | 308 | 271,200 | 60 | 35,358 | 547 | 287,776 | 60 | 15,579 | 41 | 6,448 |
| Hardware (*see also* Cutlery and edge tools; Tools not elsewhere specified) | 19,671 | 9,911,486 | 1,124 | 1,282,122 | 52 | 23,297 | 12,505 | 6,257,169 | 1,156 | 294,219 | 608 | 88,916 |
| Hardware, saddlery | 3,179 | 1,547,295 | 249 | 281,719 | 13 | 5,251 | 1,570 | 748,326 | 123 | 81,197 | 55 | 7,782 |
| Hat and cap materials | 1,705 | 844,352 | 112 | 143,857 | 4 | 2,040 | 898 | 423,263 | 425 | 115,170 | 8 | 1,414 |
| Hats and caps, not including wool hats (*see also* Fur goods; Straw goods not elsewhere specified) | 27,193 | 14,111,747 | 1,233 | 1,445,850 | 29 | 15,480 | 7,354 | 4,150,799 | 2,745 | 866,523 | 114 | 17,900 |
| Hay and straw baling | 777 | 149,653 | 59 | 25,327 | ..... | ..... | 472 | 109,337 | 114 | 2,456 | 9 | 158 |
| High explosives (*see also* Gunpowder, ammunition) | 820 | 546,816 | 87 | 140,367 | 2 | 1,140 | 638 | 372,280 | 28 | 5,280 | 13 | 2,776 |
| Hones and whetstones | 71 | 27,973 | 14 | 9,219 | ..... | ..... | 44 | 15,309 | 10 | 2,445 | ..... | ..... |
| Hooks and eyes | 243 | 148,444 | 23 | 41,458 | 3 | 915 | 119 | 76,766 | 96 | 28,905 | 3 | 400 |
| Horseshoes, factory product | 498 | 282,870 | 19 | 40,976 | ..... | ..... | 394 | 224,004 | ..... | ..... | 80 | 17,890 |
| Hosiery and knit goods (*see also* Cotton goods; Gloves and mittens; Woolen goods) | 61,209 | 18,263,272 | 1,520 | 1,641,280 | 101 | 43,923 | 11,681 | 4,892,839 | 15,125 | 3,882,062 | 2,711 | 374,128 |
| House-furnishing goods, not elsewhere specified | 3,667 | 1,779,753 | 244 | 268,409 | 6 | 4,415 | 2,083 | 1,021,581 | 740 | 219,142 | 82 | 15,949 |
| Ice, artificial | 3,265 | 1,441,187 | 438 | 344,711 | 1 | 480 | 2,606 | 1,081,810 | ..... | ..... | 15 | 1,362 |
| Ink, printing | 516 | 455,764 | 132 | 183,399 | 4 | 2,625 | 357 | 258,782 | 18 | 8,658 | ..... | ..... |

## No. 257.—Statistics of the manufactures of the United States by specified industries, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Ink, writing | 508 | 301,426 | 122 | 148,580 | 5 | 2,358 | 208 | 101,555 | 99 | 24,081 | 12 | 1,494 |
| Instruments, professional and scientific | 2,371 | 1,606,194 | 378 | 406,641 | 20 | 7,955 | 1,592 | 975,849 | 127 | 39,236 | 28 | 3,894 |
| Iron and steel | 152,535 | 84,665,506 | 3,773 | 5,662,568 | 47 | 25,038 | 147,857 | 78,715,288 | 2 | 566 | 1,356 | 262,046 |
| Iron and steel bolts, nuts, washers and rivets | 7,341 | 3,472,202 | 358 | 454,485 | 28 | 13,263 | 4,246 | 2,013,927 | 180 | 49,240 | 210 | 35,643 |
| Iron and steel doors and shutters | 58 | 38,339 | 7 | 7,625 | ..... | ..... | 48 | 28,714 | ..... | ..... | 2 | 250 |
| Iron and steel forgings | 4,448 | 2,638,641 | 236 | 322,451 | 5 | 2,076 | 3,516 | 1,965,782 | 11 | 2,760 | 42 | 6,378 |
| Iron and steel nails and spikes, cut and wrought, including wire nails | 17,116 | 7,816,994 | 498 | 664,889 | 18 | 7,852 | 14,436 | 6,449,349 | 513 | 136,148 | 747 | 136,519 |
| Iron and steel pipe, wrought | 12,064 | 5,845,462 | 368 | 446,422 | 8 | 1,935 | 10,837 | 5,086,767 | 5 | 2,346 | 284 | 57,704 |
| Iron work, architectural and ornamental (*see also* Foundry and machine-shop products) | 18,672 | 11,951,457 | 1,470 | 1,696,061 | 44 | 19,675 | 16,656 | 10,002,485 | 9 | 3,120 | 146 | 27,028 |
| Ivory and bone work | 1,345 | 697,360 | 102 | 94,657 | 3 | 836 | 901 | 478,880 | 140 | 42,040 | 18 | 2,718 |
| Japanning | 292 | 156,201 | 49 | 51,004 | ..... | ..... | 144 | 69,655 | 41 | 12,846 | 4 | 738 |
| Jewelry (*see also* Watch, clock, and jewelry repairing) | 15,761 | 10,270,393 | 1,712 | 2,158,469 | 169 | 73,597 | 9,760 | 6,286,793 | 2,598 | 824,420 | 215 | 36,605 |
| Jewelry and instrument cases | 1,038 | 587,574 | 127 | 140,231 | 1 | 416 | 597 | 367,225 | 260 | 60,068 | 17 | 2,824 |
| Jute and jute goods | 1,212 | 391,586 | 18 | 23,001 | ..... | ..... | 307 | 148,876 | 665 | 180,137 | 167 | 22,672 |
| Kaolin and other earth grinding | 1,461 | 744,129 | 185 | 193,418 | 5 | 1,837 | 1,215 | 520,971 | ..... | ..... | 5 | 628 |
| Kindling wood | 1,805 | 772,377 | 184 | 152,673 | 4 | 2,610 | 1,025 | 454,816 | 18 | 4,646 | 23 | 2,886 |
| Labels and tags | 710 | 279,897 | 35 | 37,365 | 7 | 2,572 | 414 | 247,046 | 197 | 33,740 | 27 | 2,514 |
| Lamps and reflectors (*see also* Gas and lamp fixtures) | 2,208 | 1,220,273 | 213 | 280,701 | 7 | 3,612 | 1,780 | 826,864 | 121 | 80,404 | 32 | 10,028 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lapidary work | 129 | 99,496 | 96 | 39,344 | 1 | 1,500 | 92 | 54,512 | ..... | ..... | 5 | 780 |
| Lard, refined (*see also* Slaughtering) | 1,018 | 648,042 | 120 | 181,300 | 10 | 6,640 | 683 | 408,896 | 112 | 29,480 | 61 | 11,950 |
| Lasts | 774 | 571,782 | 76 | 85,439 | 2 | 550 | 501 | 320,975 | ..... | ..... | 2 | 416 |
| Lead: bar, pipe, and sheet | 780 | 552,321 | 137 | 165,963 | 6 | 3,170 | 634 | 381,888 | ..... | ..... | ..... | ..... |
| Leather board (*see also* Paper) | 185 | 92,163 | 20 | 19,711 | 2 | 1,000 | 160 | 70,452 | 2 | 600 | ..... | ..... |
| Leather dressed skins | 355 | 207,724 | 58 | 47,911 | ..... | ..... | 235 | 131,695 | 21 | 6,216 | 3 | 604 |
| Leather goods (*see also* Pocketbooks, Trunks and valises) | 3,074 | 1,464,124 | 305 | 336,620 | 15 | 7,108 | 1,569 | 761,894 | 879 | 233,012 | 86 | 15,500 |
| Leather, morocco | 8,237 | 4,599,569 | 414 | 454,262 | 12 | 6,114 | 6,029 | 3,157,773 | 114 | 36,225 | 296 | 56,683 |
| Leather, patent and enameled | 2,087 | 1,352,981 | 81 | 131,735 | 1 | 312 | 1,370 | 790,654 | ..... | ..... | ..... | ..... |
| Leather, tanned and curried | 34,348 | 17,825,605 | 2,050 | 2,086,155 | 19 | 9,401 | 29,130 | 13,916,135 | 80 | 21,966 | 76 | 12,000 |
| Lightning rods | 210 | 132,195 | 41 | 52,461 | 5 | 2,820 | 159 | 75,109 | ..... | ..... | 1 | 145 |
| Lime and cement | 13,710 | 5,473,222 | 660 | 525,361 | 7 | 3,548 | 12,430 | 4,698,620 | 7 | 2,540 | 89 | 13,238 |
| Linen goods | 583 | 180,204 | 9 | 13,070 | ..... | ..... | 156 | 69,728 | 287 | 65,500 | 34 | 6,202 |
| Liquors, distilled | 5,343 | 2,814,389 | 573 | 564,325 | 8 | 4,500 | 4,559 | 2,142,232 | 3 | 390 | 5 | 540 |
| Liquors, malt (*see also* Bottling) | 34,800 | 28,382,544 | 4,483 | 7,621,448 | 60 | 47,713 | 29,117 | 20,399,030 | 168 | 40,757 | 508 | 91,609 |
| Liquors, vinous (*see also* Liquors, distilled) | 1,283 | 480,783 | 229 | 178,955 | 5 | 2,325 | 962 | 285,418 | 24 | 7,382 | 6 | 548 |
| Lithographing and engraving (*see also* Engraving, steel, including plate printing; Photo-lithographing and engraving; Printing and publishing) | 10,590 | 7,147,174 | 856 | 1,256,812 | 78 | 35,032 | 7,727 | 5,277,578 | 1,461 | 372,757 | 303 | 54,473 |
| Lock and gun smithing | 2,560 | 1,502,316 | 1,307 | 841,396 | 11 | 5,059 | 1,140 | 625,424 | 1 | 600 | 45 | 6,862 |
| Looking-glass and picture frames | 9,664 | 5,257,553 | 1,654 | 1,383,189 | 82 | 27,507 | 6,510 | 3,403,867 | 526 | 135,678 | 367 | 64,349 |
| Lumber and other mill products from logs or bolts | 286,197 | 87,784,433 | 19,287 | 10,608,273 | 181 | 80,925 | 252,129 | 73,723,635 | 1,388 | 249,524 | 2,616 | 333,604 |
| Lumber, planing-mill products, including sash, doors, and blinds (*see also* Boxes, wooden packing; Wood, turned and carved) | 86,888 | 48,970,080 | 6,814 | 6,676,686 | 151 | 71,538 | 76,849 | 41,156,203 | 104 | 28,200 | 1,474 | 226,112 |
| Malt (*see also* Liquors, malt) | 3,694 | 2,103,200 | 365 | 512,725 | 1 | 300 | 3,285 | 1,571,931 | ..... | ..... | ..... | ..... |
| Mantels: slate, marble and marbleized | 1,704 | 1,160,861 | 180 | 205,714 | 4 | 2,028 | 1,399 | 863,155 | 4 | 962 | 4 | 1,294 |
| Marble and stone work (*see also* Monuments and tombstones) | 23,888 | 17,433,505 | 1,916 | 2,110,145 | 22 | 8,762 | 20,907 | 14,759,349 | 14 | 5,434 | 49 | 9,849 |
| Masonry: brick and stone (*see also* Plastering and stucco work) | 108,405 | 70,681,800 | 6,579 | 6,744,321 | 92 | 34,737 | 99,866 | 62,706,284 | 12 | 4,398 | 170 | 64,347 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Matches | 1,755 | 544,211 | 50 | 66,115 | 9 | 4,540 | 710 | 292,529 | 246 | 44,612 | 49 | 7,174 |
| Mats and matting | 423 | 212,481 | 40 | 39,607 | ..... | ..... | 262 | 123,819 | 16 | 3,812 | 7 | 1,250 |
| Mattresses and spring beds (*see also* Furniture, wire work, including wire rope and cable) | 7,337 | 3,660,297 | 978 | 877,994 | 41 | 18,350 | 3,746 | 1,836,923 | 770 | 233,585 | 197 | 30,560 |
| Millinery and lace goods (*see also* Artificial feathers and flowers) | 11,827 | 5,452,429 | 579 | 847,117 | 130 | 79,291 | 1,775 | 1,017,301 | 5,008 | 1,791,134 | 42 | 8,611 |
| Millinery, custom work | 23,976 | 8,945,139 | 1,052 | 818,322 | 5,852 | 2,885,416 | 351 | 139,198 | 16,051 | 4,962,085 | 224 | 30,054 |
| Millstones | 28 | 17,864 | 4 | 5,100 | ..... | ..... | 24 | 12,764 | ..... | ..... | ..... | ..... |
| Mineral and soda waters (*see also* Bottling) | 7,717 | 4,206,868 | 1,749 | 1,400,425 | 49 | 26,280 | 5,582 | 2,715,868 | 92 | 22,325 | 171 | 23,156 |
| Mirrors | 1,542 | 1,033,235 | 138 | 190,828 | ..... | ..... | 1,280 | 776,285 | 45 | 9,152 | 13 | 1,960 |
| Models and patterns | 2,010 | 1,427,861 | 501 | 470,119 | 6 | 2,693 | 1,408 | 920,665 | 86 | 11,733 | 26 | 3,731 |
| Monuments and tombstones (*see also* Marble and stone work) | 12,101 | 7,930,016 | 2,297 | 1,891,285 | 26 | 10,706 | 8,903 | 5,472,699 | 9 | 2,702 | 28 | 5,189 |
| Mucilage and paste | 404 | 199,411 | 89 | 77,103 | 6 | 2,526 | 252 | 108,945 | 36 | 5,745 | 3 | 75 |
| Musical instruments and materials not specified | 1,382 | 862,177 | 314 | 252,613 | 12 | 4,454 | 875 | 514,504 | 46 | 13,927 | 21 | 3,795 |
| Musical instruments, organs and materials | 4,989 | 3,096,477 | 349 | 409,446 | 32 | 12,840 | 2,492 | 1,550,531 | 79 | 33,872 | 22 | 4,132 |
| Musical instruments, pianos, and materials | 13,057 | 9,347,729 | 607 | 965,686 | 18 | 12,696 | 9,670 | 6,355,258 | 145 | 48,619 | 40 | 7 070 |
| Needles and pins | 1,680 | 728,002 | 65 | 74,532 | 6 | 3,986 | 803 | 395,852 | 396 | 121,729 | 9 | 2,070 |
| Nets and seines | 650 | 217,985 | 31 | 27,114 | 1 | 750 | 102 | 60,281 | 425 | 108,604 | ..... | ..... |
| Oakum | 151 | 57,116 | 9 | 10,300 | ..... | ..... | 124 | 43,636 | 4 | 200 | 14 | 2,980 |
| Oil, castor | 101 | 70,131 | 22 | 24,729 | 2 | 870 | 77 | 44,532 | ..... | ..... | ..... | ..... |
| Oil: cottonseed and cake | 6,301 | 1,907,827 | 391 | 412,197 | 4 | 1,850 | 5,778 | 1,458,966 | 55 | 9,607 | 37 | 4,433 |
| Oil, essential | 220 | 87,492 | 23 | 8,568 | ..... | ..... | 191 | 28,249 | ..... | ..... | ..... | ..... |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oil: illuminating, not including petroleum refining | 66 | 54,418 | 13 | 22,644 | 2 | 1,166 | 51 | 30,608 | ..... | ..... | ..... | ..... |
| Oil, lard | 120 | 82,232 | 26 | 29,024 | ..... | ..... | 92 | 51,813 | ..... | ..... | ..... | ..... |
| Oil, linseed | 2,073 | 1,286,062 | 184 | 306,498 | 3 | 2,220 | 1,851 | 953,180 | 4 | 1,040 | ..... | ..... |
| Oil, lubricating | 1,072 | 876,470 | 350 | 432,470 | 15 | 7,246 | 667 | 425,291 | 32 | 8,854 | 6 | 1,385 |
| Oil, resin | 117 | 82,652 | 27 | 29,056 | ..... | ..... | 90 | 53,596 | ..... | ..... | ..... | ..... |
| Oilcloth, enameled | 367 | 212,461 | 26 | 29,702 | ..... | ..... | 315 | 168,789 | 4 | 2,570 | 2 | 300 |
| Oilcloth, floor | 1,583 | 837,969 | 61 | 91,953 | 1 | 250 | 1,192 | 583,333 | 4 | 1,340 | 6 | 1,250 |
| Oleomargarine | 328 | 245,890 | 58 | 88,504 | 6 | 3,248 | 252 | 150,918 | 11 | 2,870 | 1 | 350 |
| Optical goods | 2,844 | 1,300,452 | 302 | 275,494 | 35 | 14,584 | 1,599 | 759,173 | 389 | 76,928 | 103 | 15,968 |
| Ordnance and ordnance stores | 1,459 | 1,099,306 | 31 | 34,888 | ..... | ..... | 1,158 | 858,811 | 2 | 939 | 1 | 182 |
| Oysters, canning and preserving (*see also* Food preparations) | 3,514 | 712,501 | 60 | 69,641 | 1 | 250 | 578 | 182,689 | 707 | 219,170 | 54 | 4,312 |
| Painting and paper hanging | 56,281 | 37,722,550 | 10,816 | 8,886,887 | 129 | 48,332 | 42,617 | 27,446,839 | 224 | 67,944 | 250 | 44,836 |
| Paints (*see also* Chemicals, Varnish) | 8,737 | 5,605,626 | 1,597 | 1,995,138 | 96 | 41,731 | 6,242 | 3,307,846 | 421 | 116,490 | 55 | 8,373 |
| Paper (*see also* Leather board, Pulp wood) | 29,568 | 18,740,584 | 1,156 | 1,599,563 | 44 | 22,091 | 21,280 | 10,340,749 | 4,627 | 1,148,527 | 218 | 34,211 |
| Paper goods, not elsewhere specified | 1,647 | 765,181 | 121 | 150,174 | 7 | 3,654 | 881 | 440,462 | 385 | 100,624 | 95 | 14,523 |
| Paper hangings | 2,814 | 1,474,788 | 218 | 297,182 | 12 | 5,452 | 1,961 | 1,044,155 | 240 | 59,015 | 276 | 39,544 |
| Paper patterns | 448 | 153,738 | 30 | 40,860 | 9 | 4,352 | 46 | 35,558 | 361 | 72,422 | 1 | 156 |
| Patent medicines and compounds (*see also* Druggists' preparations, not including prescriptions) | 9,390 | 5,094,202 | 2,029 | 2,007,911 | 303 | 130,908 | 8,988 | 2,177,014 | 2,190 | 558,554 | 145 | 21,113 |
| Paving and paving materials | 22,730 | 10,450,970 | 1,001 | 1,021,570 | 9 | 4,102 | 21,156 | 9,182,112 | 1 | 312 | 16 | 2,023 |
| Pencil cases | 89 | 60,088 | 10 | 13,080 | ..... | ..... | 74 | 45,540 | 5 | 1,468 | ..... | ..... |
| Pencils, lead | 1,452 | 580,750 | 56 | 126,500 | 8 | 3,800 | 434 | 246,311 | 299 | 70,246 | 267 | 40,360 |
| Pens, fountain and stylographic | 176 | 102,799 | 23 | 28,434 | 1 | 468 | 107 | 58,003 | 21 | 4,835 | ..... | ..... |
| Pens, gold | 363 | 260,669 | 56 | 72,900 | 6 | 2,224 | 239 | 151,385 | 23 | 6,952 | 1 | 104 |
| Pens, steel | 511 | 152,175 | 15 | 20,143 | ..... | ..... | 66 | 40,272 | 2 | 728 | 83 | 5,249 |
| Perfumery and cosmetics (*see also* Druggists' preparations, not including prescriptions | 1,755 | 877,679 | 325 | 353,896 | 34 | 22,263 | 528 | 274,192 | 760 | 199,676 | 13 | 1,682 |
| Petroleum refining | 12.471 | 6,989,478 | 1,035 | 1,102,892 | 33 | 14,119 | 9,227 | 5,077,917 | 2 | 622 | 500 | 81,635 |
| Photographic apparatus | 549 | 308,939 | 40 | 44,560 | 3 | 1,624 | 429 | 244,183 | 58 | 12,700 | 12 | 1,512 |
| Photographic materials | 899 | 538,266 | 110 | 115,868 | 6 | 2,150 | 536 | 333,309 | 192 | 60,935 | 2 | 338 |
| Photography | 10,432 | 6,405,871 | 3,143 | 2,773,456 | 322 | 159,772 | 4,490 | 2,611,163 | 1,888 | 662,756 | 117 | 18,663 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| Photo-lithographing and engraving (*see also* Lithographing and engraving, stereotyping and electrotyping) | 1,352 | *Dollars.* 988,898 | 192 | *Dollars.* 221,443 | 15 | *Dollars.* 6,836 | 959 | *Dollars.* 681,634 | 72 | *Dollars.* 23,115 | 16 | *Dollars.* 2,658 |
| Pickles, preserves, and sauces (*see also* Fruits and vegetables canning and preserving) | 4,252 | 1,767,319 | 648 | 595,803 | 27 | 12,624 | 1,864 | 832,691 | 1,069 | 210,685 | 21 | 2,372 |
| Pipes, tobacco | 1,345 | 730,996 | 131 | 154,941 | 8 | 4,240 | 822 | 424,438 | 125 | 31,368 | 15 | 1,875 |
| Plastering and stucco work (*see also* Masonry brick and stone) | 10,624 | 6,845,487 | 1,804 | 1,459,330 | 4 | 1,440 | 8,466 | 5,233,229 | 13 | 4,536 | 8 | 1,174 |
| Plated and britannia ware (*see also* Silverware) | 6,919 | 3,775,305 | 278 | 408,892 | 24 | 11,153 | 4,857 | 2,700,124 | 709 | 200,457 | 147 | 25,733 |
| Plumbers' supplies (*see also* Brass castings and brass finishing) | 5,485 | 3,304,214 | 518 | 635,779 | 20 | 10,850 | 4,078 | 2,217,258 | 44 | 13,719 | 111 | 26,441 |
| Plumbing and gas fitting | 42,513 | 28,762,611 | 6,907 | 6,787,427 | 149 | 59,870 | 34,656 | 21,713,722 | 66 | 26,234 | 475 | 91,263 |
| Pocket books (*see also* Leather goods) | 1,348 | 661,992 | 135 | 168,329 | 5 | 1,752 | 569 | 288,906 | 374 | 96,439 | 63 | 5,505 |
| Printing and publishing, book and job (*see also* Book-binding and blank-book making) | 58,139 | 35,874,361 | 7,375 | 7,925,120 | 617 | 300,250 | 35,780 | 21,956,713 | 7,930 | 2,640,833 | 1,382 | 248,486 |
| Printing and publishing, music (*see also* Book-binding and blank-book making) | 701 | 448,582 | 204 | 209,341 | 35 | 15,458 | 328 | 170,084 | 69 | 21,341 | 24 | 4,128 |
| Printing and publishing, newspaper and periodicals (*see also* Book-binding and blank-book making) | 106,095 | 68,601,532 | 17,576 | 16,607,805 | 2,544 | 1,079,568 | 57,492 | 36,925,542 | 7,688 | 2,444,092 | 5,940 | 638,913 |
| Printing materials | 866 | 486,106 | 142 | 143,500 | 9 | 4,510 | 440 | 253,394 | 20 | 6,456 | 16 | 3,103 |
| Printing, tin | 292 | 158,600 | 39 | 44,914 | 1 | 500 | 203 | 98,972 | 42 | 12,570 | 6 | 1,124 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pulp goods | 276 | 139,034 | 23 | 27,370 | 1 | 180 | 211 | 99,418 | 13 | 2,426 | 7 | 805 |
| Pulp, wood | 2,830 | 1,228,901 | 143 | 146,373 | 5 | 2,630 | 2,536 | 1,043,737 | 22 | 4,672 | 41 | 5,595 |
| Pulp, from fiber other than wood | 168 | 93,256 | 15 | 24,200 | 1 | 150 | 125 | 52,581 | ..... | ..... | 2 | 300 |
| Pumps, not including steam pumps | 2,140 | 1,145,145 | 379 | 314,781 | 7 | 2,790 | 1,660 | 783,489 | 1 | 200 | 13 | 1,777 |
| Refrigerators | 2,373 | 1,252,765 | 191 | 217,513 | 4 | 1,420 | 1,542 | 749,663 | 30 | 6,480 | 69 | 10,750 |
| Regalia and society banners and emblems (*see also* Flags and banners) | 2,379 | 1,044,722 | 258 | 283,998 | 41 | 22,871 | 636 | 328,159 | 1,056 | 297,906 | 12 | 1,580 |
| Registers, car fare | 101 | 64,074 | 9 | 9,476 | 1 | 450 | 90 | 54,076 | ..... | ..... | 1 | 72 |
| Registers, cash | 742 | 434,140 | 44 | 37,234 | 1 | 624 | 568 | 363,418 | 99 | 18,364 | 10 | 1,500 |
| Rice cleaning and polishing | 743 | 319,593 | 96 | 96,160 | ..... | ..... | 627 | 220,768 | 9 | 1,823 | 7 | 714 |
| Roofing and roofing materials (*see also* Tinsmithing, coppersmithing, and sheetiron working) | 13,333 | 8,558,026 | 2,353 | 2,067,893 | 43 | 20,619 | 10,644 | 6,390,445 | 27 | 5,602 | 103 | 18,046 |
| Rubber and elastic goods | 9,802 | 4,516,266 | 579 | 831,078 | 40 | 21,212 | 3,613 | 1,846,539 | 2,092 | 612,951 | 279 | 50,890 |
| Rules, ivory and wood | 162 | 74,127 | 26 | 21,502 | 1 | 692 | 82 | 36,869 | 15 | 3,207 | 1 | 156 |
| Saddlery and harness | 30,326 | 16,030,845 | 7,577 | 5,089,938 | 77 | 31,989 | 16,761 | 8,260,550 | 656 | 186,753 | 317 | 45,131 |
| Safes and vaults | 4,131 | 2,394,825 | 292 | 255,826 | 23 | 9,384 | 3,412 | 1,932,460 | 1 | 720 | 39 | 4,102 |
| Salt | 4,455 | 1,782,491 | 197 | 188,174 | 3 | 875 | 3,598 | 1,397,591 | 75 | 18,735 | 35 | 5,916 |
| Sand and emery paper and cloth | 253 | 156,489 | 47 | 52,263 | ..... | ..... | 189 | 100,156 | 17 | 4,070 | ..... | ..... |
| Sausage (*see also* Slaughtering) | 1,106 | 561,673 | 260 | 194,499 | 9 | 3,948 | 811 | 356,607 | 21 | 5,862 | 4 | 505 |
| Saws | 2,943 | 1,859,694 | 252 | 269,338 | 15 | 6,830 | 2,110 | 1,301,686 | 7 | 1,978 | 159 | 26,494 |
| Scales and balances | 1,500 | 837,575 | 145 | 143,215 | 5 | 1,863 | 1,263 | 641,615 | 2 | 550 | 12 | 2,246 |
| Screws, machine | 1,113 | 534,943 | 52 | 58,897 | 4 | 1,583 | 811 | 390,936 | 68 | 8,978 | 2 | 70 |
| Screws, wood | 1,651 | 625,465 | 73 | 80,968 | 20 | 4,784 | 744 | 357,241 | 447 | 83,819 | 49 | 7,291 |
| Sewing machine cases | 1,842 | 886,725 | 19 | 33,810 | 1 | 312 | 1,092 | 564,510 | 8 | 3,500 | 154 | 28,460 |
| Sewing machine repairing | 335 | 201,066 | 134 | 85,567 | 8 | 3,642 | 176 | 106,455 | 15 | 4,752 | 1 | 130 |
| Sewing machines and attachments | 9,121 | 5,170,555 | 268 | 412,171 | 16 | 8,060 | 6,052 | 3,425,590 | 501 | 177,664 | 241 | 71,995 |
| Shipbuilding | 25,934 | 16,028,847 | 1,112 | 1,188,407 | 11 | 6,463 | 23,499 | 14,212,969 | 7 | 2,272 | 174 | 26,344 |
| Shirts (*see also* Furnishing goods, men's) | 32,750 | 10,704,603 | 1,376 | 1,426,295 | 167 | 84,813 | 3,575 | 1,510,621 | 7,817 | 2,260,224 | 128 | 17,513 |
| Shoddy | 2,299 | 856,582 | 142 | 148,567 | 2 | 916 | 1,243 | 532,238 | 405 | 95,724 | 13 | 2,700 |
| Show cases | 1,500 | 876,150 | 164 | 156,096 | 5 | 1,950 | 1,149 | 636,591 | 4 | 988 | 64 | 14,136 |
| Silk, and silk goods | 50,913 | 19,680,318 | 1,396 | 1,852,235 | 135 | 65,642 | 11,478 | 6,254,114 | 19,907 | 5,523,790 | 2,666 | 407,321 |
| Silversmithing | 314 | 253,652 | 34 | 56,498 | 6 | 3,376 | 257 | 187,260 | 13 | 5,856 | 4 | 662 |
| Silverware (*see also* Plated and Britannia ware) | 2,306 | 1,618,429 | 140 | 214,144 | 21 | 9,312 | 1,941 | 1,302,637 | 130 | 89,887 | 12 | 2,119 |

## No. 257.—STATISTICS OF THE MANUFACTURES OF THE UNITED STATES BY SPECIFIED INDUSTRIES, ETC., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Slaughtering and meat packing, wholesale (*see also* Lard, refined; Sausage) | 40,409 | 23,491,101 | 2,809 | 3,138,108 | 98 | 48,964 | 34,601 | 19,243,991 | 471 | 138,469 | 645 | 119,989 |
| Slaughtering, wholesale, not including meat packing (*see also* Lard, refined, Sausage) | 7,537 | 5,350,475 | 1,049 | 1,342,114 | 15 | 7,414 | 6,130 | 3,735,117 | 3 | 796 | 42 | 8,887 |
| Smelting and refining | 1,705 | 1,122,353 | 117 | 169,583 | 2 | 1,470 | 1,539 | 950,000 | 1 | 300 | 3 | 400 |
| Soap and candles (*see also* Grease and tallow) | 9,305 | 4,951,048 | 1,411 | 1,505,506 | 73 | 29,288 | 5,981 | 2,982,056 | 972 | 238,784 | 461 | 69,415 |
| Soda-water apparatus | 993 | 728,121 | 145 | 176,806 | 9 | 4,235 | 753 | 496,284 | 13 | 3,515 | 11 | 2,375 |
| Sporting goods | 2,199 | 881,970 | 180 | 171,463 | 11 | 4,596 | 906 | 444,502 | 462 | 109,694 | 112 | 21,768 |
| Springs, steel, car and carriage | 1,892 | 1,174,770 | 151 | 208,902 | 7 | 2,926 | 1,193 | 696,793 | ..... | ..... | 22 | 4,362 |
| Stamped ware (*see also* Tinsmithing, coppersmithing, and sheet-iron working) | 7,075 | 3,092,872 | 322 | 385,795 | 5 | 2,344 | 3,342 | 1,723,743 | 857 | 190,206 | 409 | 71,211 |
| Starch | 3,121 | 1,189,017 | 212 | 225,617 | 6 | 4,292 | 2,283 | 827,475 | 316 | 61,161 | 94 | 10,166 |
| Stationery goods not elsewhere specified | 4,790 | 2,268,409 | 507 | 607,655 | 47 | 22,894 | 1,865 | 990,336 | 1,560 | 404,784 | 180 | 25,573 |
| Steam fittings and heating apparatus (*see also* Foundry and machine-shop products) | 11,779 | 7,594,395 | 1,090 | 1,369,592 | 44 | 20,470 | 9,100 | 5,341,049 | 115 | 42,808 | 112 | 23,395 |
| Steam packing | 418 | 229,174 | 100 | 75,892 | 3 | 1,300 | 268 | 138,834 | 29 | 8,038 | 10 | 2,054 |
| Stencils and brands | 499 | 345,377 | 137 | 134,023 | 5 | 1,872 | 314 | 196,787 | 14 | 5,602 | 14 | 2,301 |
| Stereotyping and electrotyping (*see also* Type founding) | 1,475 | 1,068,991 | 177 | 240,479 | 9 | 4,627 | 1,064 | 702,459 | 17 | 10,143 | 56 | 11,464 |
| Straw goods not elsewhere specified (*see also* Hats and caps, not including wool hats) | 433 | 120,388 | 9 | 15,340 | ..... | ..... | 41 | 22,752 | 104 | 30,632 | 2 | 442 |
| Sugar and molasses refining | 7,529 | 2,815,275 | 469 | 434,347 | 17 | 5,274 | 6,660 | 2,352,446 | 232 | 14,410 | 100 | 4,286 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surgical appliances (*see also* Artificial limbs) | 912 | 549,318 | 248 | 227,964 | 52 | 20,550 | 342 | 219,127 | 197 | 59,664 | 23 | 3,776 |
| Tar and turpentine | 15,315 | 2,938,491 | 49 | 26,944 | ..... | ..... | 14,488 | 2,818,631 | 16 | 925 | 1 | 50 |
| Taxidermy | 155 | 102,237 | 65 | 55,875 | ..... | ..... | 75 | 43,002 | 6 | 1,536 | 4 | 689 |
| Timber products not manufactured at mill | 46,142 | 11,353,608 | 907 | 514,559 | ..... | ..... | 35,319 | 8,298,903 | 201 | 84,905 | 11 | 2,191 |
| Teasels | 72 | 21,584 | 3 | 1,040 | ..... | ..... | 42 | 13,337 | 10 | 3,120 | 3 | 936 |
| Tinsmithing, coppersmithing, and sheet-iron working (*see also* Roofing and roofing materials, Stamped ware) | 38,442 | 21,036,375 | 6,931 | 5,366,780 | 134 | 59,330 | 27,225 | 14,364,601 | 1,043 | 230,760 | 948 | 152,504 |
| Tobacco, chewing, smoking, and snuff | 31,267 | 8,568,071 | 1,452 | 1,611,541 | 25 | 9,372 | 11,274 | 3,630,623 | 6,550 | 1,265,960 | 2,735 | 225,807 |
| Tobacco, cigars, and cigarettes | 98,156 | 44,767,989 | 10,903 | 8,182,002 | 253 | 110,927 | 20,515 | 9,585,024 | 8,527 | 2,327,476 | 2,200 | 283,342 |
| Tobacco, stemming and rehandling | 6,504 | 1,455,946 | 516 | 322,909 | 3 | 4,520 | 3,087 | 710,637 | 1,215 | 188,752 | 413 | 49,685 |
| Tools not elsewhere specified (*see also* Cutlery and edge tools, Hardware) | 7,095 | 4,144,338 | 671 | 656,944 | 14 | 5,842 | 4,787 | 2,627,648 | 112 | 36,452 | 88 | 15,842 |
| Toys and games | 3,440 | 1,346,850 | 265 | 261,377 | 27 | 10,044 | 1,838 | 749,257 | 432 | 101,228 | 141 | 21,422 |
| Trunks and valises (*see also* Leather goods) | 6,785 | 3,513,749 | 732 | 712,865 | 21 | 10,134 | 3,631 | 1,824,420 | 229 | 58,522 | 125 | 19,422 |
| Typefounding (*see also* Stereotyping and electrotyping) | 2,172 | 1,401,749 | 199 | 269,350 | 23 | 10,888 | 707 | 482,933 | 134 | 71,083 | 40 | 7,372 |
| Typewriters' supplies | 1,735 | 1,078,203 | 88 | 126,154 | 16 | 6,573 | 1,045 | 656,143 | 154 | 46,759 | 2 | 254 |
| Umbrellas and canes | 6,863 | 3,204,797 | 743 | 721,637 | 98 | 47,300 | 2,606 | 1,348,737 | 1,331 | 575,218 | 139 | 23,624 |
| Upholstery materials (*see also* Woolen goods, worsted goods, carpets, and rugs, other than rag | 3,479 | 1,454,062 | 243 | 229,938 | 5 | 2,210 | 1,829 | 778,629 | 554 | 168,778 | 72 | 10,680 |
| Varnish (*see also* Paints) | 1,851 | 1,749,061 | 675 | 998,672 | 31 | 17,674 | 1,108 | 721,837 | 17 | 4,888 | 8 | 1,354 |
| Vault lights and ventilators (*see also* Foundry and machine-shop products | 205 | 160,594 | 31 | 44,814 | ..... | ..... | 172 | 115,080 | 1 | 600 | 1 | 100 |
| Vinegar and cider | 3,388 | 1,149,069 | 739 | 425,098 | 12 | 3,290 | 2,432 | 706,555 | 145 | 9,140 | 30 | 1,291 |
| Washing machines and clothes wringers | 1,239 | 589,523 | 205 | 156,750 | 4 | 1,885 | 756 | 346,516 | 21 | 4,827 | 21 | 3,379 |
| Watch and clock materials (*see also* Clock cases and materials) | 563 | 292,497 | 44 | 51,138 | 1 | 375 | 371 | 197,902 | 111 | 29,834 | 11 | 2,098 |
| Watch cases | 3,869 | 2,116,286 | 173 | 212,763 | 17 | 6,936 | 2,224 | 1,347,071 | 508 | 150,952 | 23 | 3,645 |
| Watch, clock, and jewelry repairing (*see also* Jewelry) | 8,647 | 5,516,595 | 3,803 | 2,645,708 | 25 | 9 767 | 4,421 | 2,731,185 | 69 | 21,789 | 116 | 18,212 |
| Watches | 6,675 | 3,688,927 | 70 | 96,555 | 10 | 4,564 | 1,609 | 1,102,824 | 847 | 333,405 | 20 | 5,400 |
| Whalebone and rattan (*see also* Baskets and rattan and willow ware) | 79 | 53,713 | 10 | 15,700 | ..... | ..... | 48 | 31,935 | 21 | 6,078 | ..... | ..... |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aggregates. | | Officers, firm members, and clerks. | | | | Operatives, including skilled and unskilled. | | | | | |
| | | | Males above 16 years. | | Females above 15 years. | | Males above 16 years. | | Females above 15 years. | | Children. | |
| | Average number. | Total wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. | Number. | Wages. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Wheelbarrows | 620 | 297,508 | 49 | 44,579 | 4 | 1,740 | 438 | 190,623 | ..... | ..... | 7 | 1,026 |
| Whips | 1,097 | 544,522 | 139 | 140,070 | 4 | 1,310 | 530 | 261,669 | 156 | 44,738 | 8 | 1,470 |
| Windmills | 1,295 | 691,583 | 167 | 126,995 | 18 | 8,813 | 1,077 | 541,580 | 4 | 2,005 | 7 | 1,365 |
| Window shades | 2,399 | 1,437,771 | 358 | 413,517 | 16 | 7,999 | 1,523 | 805,563 | 315 | 105,581 | 17 | 2,829 |
| Wire | 7,804 | 4,183,802 | 202 | 323,832 | 6 | 3,448 | 7,368 | 3,717,636 | 43 | 12,952 | 1 | 156 |
| Wire work, including wire rope and cable (*see also* Mattresses and spring beds) | 7,917 | 3,963,209 | 220 | 372,028 | 43 | 25,590 | 4,585 | 2,209,385 | 439 | 122,535 | 221 | 39,276 |
| Wood preserving | 95 | 42,009 | 15 | 12,692 | ..... | ..... | 80 | 29,317 | ..... | ..... | ..... | ..... |
| Wood turned and carved (*see also* Lumber, planing-mill products, including sash, doors, and blinds) | 8,430 | 4,226,923 | 1,005 | 883,549 | 23 | 9,821 | 6,425 | 3,050,068 | 178 | 82,372 | 227 | 33,847 |
| Wooden-ware, not elsewhere specified | 3,101 | 1,237,334 | 211 | 182,411 | 9 | 4,510 | 1,969 | 772,335 | 14 | 3,436 | 81 | 11,415 |
| Wool hats | 3,592 | 1,863,944 | 89 | 112,664 | 3 | 1,804 | 1,559 | 619,606 | 523 | 118,547 | 150 | 16,948 |
| Woolen goods (*see also* Carpets and rugs other than rag, Felt goods, Gloves and mittens, Hosiery and knit goods) | 79,351 | 28,478,981 | 2,355 | 2,310,323 | 81 | 29,414 | 40,350 | 16,307,265 | 25,672 | 7,120,875 | 4,367 | 668,963 |
| Worsted goods | 43,593 | 15,880,183 | 587 | 923,338 | 28 | 11,379 | 17,962 | 7,898,033 | 17,727 | 5,089,269 | 3,791 | 631,174 |
| Zinc | 1,062 | 653,096 | 30 | 38,270 | ..... | ..... | 1,047 | 613,926 | ..... | ..... | 3 | 700 |
| All other industries *a* | 1,748 | 622,060 | 43 | 59,848 | 6 | 2,600 | 695 | 352,476 | 718 | 159,404 | 38 | 4,940 |
| All industries | 4,711,992 | 2,282,823,265 | 418,014 | 372,062,429 | 43,035 | 19,852,079 | 2,881,439 | 1,436,317,558 | 505,546 | 139,283,393 | 104,471 | 14,699,217 |

*a* Includes industries having less than 3 establishments, in order that operations of individual establishments may not be disclosed. These industries are distributed as follows: Fuel artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber vulcanized, 1; sugar and molasses beet, 2; thread linen, 2; tinfoil, 2.

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Piecework. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Agricultural implements | 7,892 | 4,091,128 | 204 | 56,911 | 8 | 1,650 | 31,603,265 | 81,271,651 |
| Ammunition | 10 | 3,500 | 138 | 21,394 | 14 | 1,350 | 2,759,782 | 6,538,959 |
| Artificial feathers and flowers (*see also* Millinery and lace goods) | 337 | 108,500 | 2,370 | 756,684 | 12 | 1,100 | 4,645,850 | 9,078,683 |
| Artificial limbs (*see also* Surgical appliances) | 7 | 2,125 | 1 | 200 | ..... | ..... | 93,795 | 475,977 |
| Artists' materials | 86 | 26,184 | 2 | 250 | 1 | 96 | 190,850 | 531,785 |
| Awnings, tents, and sails | 85 | 30,032 | 175 | 35,670 | 2 | 200 | 4,150,180 | 7,829,003 |
| Axle grease | ..... | ..... | ..... | ..... | ..... | ..... | 401,897 | 846,459 |
| Babbitt metal and solder | 1 | 136 | ..... | ..... | ..... | ..... | 2,385,894 | 2,905,102 |
| Bagging, flax, hemp, and jute | ..... | ..... | 73 | 26,152 | ..... | ..... | 2,520,995 | 3,852,440 |
| Bags, other than paper | 392 | 148,415 | 690 | 174,961 | 206 | 32,966 | 12,657,270 | 16,355,365 |
| Bags, paper | 30 | 7,651 | 117 | 28,846 | ..... | ..... | 3,167,717 | 5,023,793 |
| Baking and yeast powders | 34 | 10,936 | 42 | 9,910 | 4 | 1,000 | 4,273,796 | 7,406,806 |
| Baskets and rattan and willow ware (*see also* Whalebone and rattan) | 1,062 | 322,300 | 396 | 65,481 | 125 | 10,922 | 1,398,483 | 3,633,592 |
| Bellows | 15 | 9,680 | ..... | ..... | ..... | ..... | 124,145 | 249,374 |
| Bells (*see also* Foundry and machine shop products) | 58 | 41,100 | ..... | ..... | ..... | ..... | 389,701 | 823,010 |
| Belting and hose leather | 5 | 1,133 | 10 | 1,500 | ..... | ..... | 6,132,704 | 8,633,634 |
| Belting and hose linen | ..... | ..... | ..... | ..... | ..... | ..... | 427,815 | 777,942 |
| Belting and hose rubber | 10 | 5,560 | 58 | 20,080 | 2 | 400 | 3,479,538 | 5,512,840 |
| Bicycles and tricycles | 44 | 69,163 | 12 | 8,120 | ..... | ..... | 718,848 | 2,568,326 |
| Bicycle and tricycle repairing | 2 | 500 | ..... | ..... | ..... | ..... | 67,332 | 301,709 |
| Billiard tables and materials | 70 | 98,719 | ..... | ..... | ..... | ..... | 1,295,942 | 2,823,278 |
| Blacking (*see also* Cleansing and polishing preparations) | 74 | 24,344 | 183 | 52,522 | 6 | 870 | 1,484,203 | 2,900,402 |

## No. 257.—Statistics of the Manufactures of the United States by Specified Industries, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Pieceworkers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Blacksmithing and wheelwrighting (*see also* Carriages and wagons, including custom work and repairing) | 698 | 200,840 | ..... | ..... | 7 | 656 | 14,645,096 | 54,304,639 |
| Bluing | 13 | 3,015 | 4 | 949 | ..... | ..... | 186,588 | 457,251 |
| Bone, ivory, and lampblack (*see also* Paints) | 49 | 28,830 | ..... | ..... | 15 | 1,700 | 485,867 | 1,031,030 |
| Bookbinding and blank-book making (*see also* Printing and publishing) | 443 | 258,065 | 1,381 | 404,601 | 2 | 306 | 6,007,417 | 17,067,780 |
| Boot and shoe cut stock | 753 | 271,428 | 1,203 | 265,021 | 35 | 6,981 | 13,744,655 | 17,903,846 |
| Boot and shoe findings | 301 | 79,857 | 469 | 72,112 | 21 | 2,298 | 1,965,173 | 3,459,328 |
| Boot and shoe uppers | 149 | 59,207 | 263 | 88,927 | ..... | ..... | 1,983,752 | 3,671,313 |
| Boots and shoes, custom work and repairing | 5,939 | 2,528,142 | 136 | 42,930 | 14 | 1,937 | 10,322,557 | 34,531,340 |
| Boots and shoes, factory product | 48,709 | 24,046,995 | 23,908 | 8,296,924 | 787 | 240,028 | 118,785,831 | 220,649,358 |
| Boots and shoes, rubber | 1,551 | 818,560 | 2,803 | 987,547 | ..... | ..... | 11,650,787 | 18,632,060 |
| Bottling (*see also* Liquors, malt, mineral and soda waters) | 15 | 4,809 | 1 | 75 | ..... | ..... | 7,937,001 | 13,583,418 |
| Boxes, cigar | 282 | 115,691 | 1,195 | 312,370 | 20 | 3,194 | 3,567,320 | 7,091,948 |
| Boxes, fancy and paper (*see also* Fancy articles not elsewhere specified) | 1,279 | 366,485 | 7,150 | 1,813,309 | 164 | 26,674 | 7,893,941 | 18,805,330 |
| Boxes, wooden packing (*see also* Lumber, planing-mill products, including sash, doors, and blinds) | 1,002 | 506,911 | 532 | 98,569 | 77 | 8,576 | 14,244,503 | 25,513,180 |
| Brass | 15 | 14,775 | ..... | ..... | ..... | ..... | 1,765,605 | 2,549,860 |
| Brass and copper, rolled | 280 | 144,396 | 166 | 42,670 | 16 | 3,300 | 5,493,231 | 8,381,472 |
| Brass castings and brass finishings (*see also* Bronze castings, Plumbers' supplies) | 670 | 389,046 | 266 | 89,415 | 20 | 5,000 | 12,249,607 | 24,344,434 |
| Brassware | 1,068 | 554,410 | 906 | 284,262 | 20 | 3,000 | 7,089,202 | 13,615,172 |
| Bread and other bakery products | 277 | 102,028 | 482 | 124,329 | 11 | 1,583 | 72,507,579 | 128,421,585 |
| Brick and tile (*see also* Clay and pottery products) | 5,584 | 1,675,949 | 60 | 15,811 | 397 | 49,695 | 12,639,597 | 67,770,695 |
| Bridges | 276 | 227,190 | ..... | ..... | 8 | 800 | 12,770,146 | 21,468,068 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bronze castings (*see also* Brass castings and brass finishing) | 12 | 8,000 | | | | | 695,485 | 1,165,163 |
| Brooms and brushes | 3,350 | 1,238,549 | 895 | 173,864 | 278 | 29,963 | 6,900,553 | 14,156,383 |
| Buttons | 437 | 172,319 | 742 | 187,778 | 34 | 4,768 | 1,551,603 | 4,216,795 |
| Calcium lights | 5 | 600 | | | | | 35,048 | 110,062 |
| Cardboard (*see also* Paper) | | | | | | | 701,764 | 1,070,805 |
| Card cutting and designing | 14 | 3,940 | 1 | 150 | 3 | 546 | 88,186 | 243,070 |
| Carpentering | 1,988 | 1,075,232 | 2 | 550 | 2 | 120 | 137,847,002 | 281,195,162 |
| Carpets and rugs, other than rag (*see also* Woolen goods) | 2,036 | 960,223 | 2,331 | 802,823 | 199 | 32,708 | 28,644,905 | 47,770,193 |
| Carpets, rag | 251 | 85,825 | 66 | 9,559 | 6 | 1,235 | 726,419 | 1,714,480 |
| Carpets, wood | | | | | | | 210,814 | 511,700 |
| Carriage and wagon materials | 1,644 | 827,314 | 56 | 13,830 | 22 | 3,018 | 7,887,904 | 16,262,293 |
| Carriages and sleds, children's | 324 | 127,604 | 73 | 12,909 | 3 | 343 | 1,900,907 | 4,094,255 |
| Carriages and wagons, including custom work and repairing (*see also* Blacksmithing and wheelwrighting) | 7,737 | 3,994,576 | 154 | 45,962 | 56 | 8,787 | 47,805,565 | 114,570,555 |
| Cars and general shop construction and repairs by steam railroad companies | 6,239 | 3,885,057 | 3 | 998 | | | 66,561,526 | 129,461,698 |
| Cars and general shop construction and repairs by street-railroad companies | 10 | 7,716 | | | | | 1,154,840 | 2,966,347 |
| Cars, steam railroad, not including the operations of railroad companies | 7,962 | 4,483,137 | 80 | 22,075 | | | 44,674,486 | 70,083,737 |
| Cars, street-railroad, not including the operations of railroad companies | 106 | 99,618 | | | | | 1,699,235 | 3,302,115 |
| Celluloid and celluloid goods | 19 | 9,166 | 12 | 3,257 | | | 599,404 | 1,363,534 |
| Cheese and butter, urban dairy product | 5 | 500 | | | | | 1,545,273 | 2,050,338 |
| Cheese, butter, and condensed milk, factory product | 250 | 84,217 | 119 | 27,648 | 11 | 251 | 49,819,301 | 60,135,705 |
| Chemicals (*see also* Fertilizers, Gunpowder, High explosives, Paints, Varnish) | 436 | 201,763 | 687 | 213,824 | 14 | 2,184 | 33,694,927 | 59,352,548 |
| China decorating (*see also* Clay and pottery products) | 20 | 12,317 | 10 | 5,200 | | | 364,778 | 847,555 |
| Chocolate and cocoa products | | | | | | | 2,892,219 | 4,221,675 |
| Cigar molds | 4 | 2,040 | 6 | 1,290 | | | 70,060 | 211,000 |
| Clay and pottery products (*see also* Brick and tile) | 2,452 | 1,471,156 | 491 | 152,554 | 150 | 30,644 | 5,618,401 | 22,057,090 |
| Cleansing and polishing preparations (*see also* Blacking) | 3 | 400 | 3 | 550 | | | 382,120 | 865,904 |
| Clock cases and materials (*see also* Watch and clock materials) | | | | | | | 11,724 | 44,088 |
| Clocks | 1,133 | 586,723 | 188 | 57,685 | 14 | 3,412 | 1,457,778 | 4,228,846 |
| Cloth sponging and refinishing | | | | | | | 84,132 | 399,814 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Pieceworkers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Clothing, horse | 81 | 25,365 | 373 | 89,872 | 31 | 3,420 | 777,570 | 1,572,265 |
| Clothing, men's custom work and repairing | 28,511 | 16,697,405 | 10,673 | 2,910,214 | 94 | 22,060 | 50,494,637 | 126,219,151 |
| Clothing, men's factory product | 33,842 | 14,345,300 | 51,023 | 10,787,641 | 1,033 | 79,627 | 128,846,857 | 251,019,609 |
| Clothing, men's factory product—buttonholes | 165 | 62,599 | 265 | 77,559 | ..... | ..... | 84,167 | 784,055 |
| Clothing, women's dressmaking | 288 | 188,713 | 1,926 | 497,141 | 33 | 4,101 | 23,393,829 | 57,071,732 |
| Clothing, women's factory product | 5,452 | 2,728,191 | 12,125 | 3,175,191 | 210 | 105,216 | 34,277,219 | 68,164,019 |
| Coffee and spice roasting and grinding | 137 | 48,767 | 888 | 113,933 | ..... | ..... | 65,961,465 | 75,042,010 |
| Coffins and burial cases, trimming and finishing | 110 | 32,111 | 11 | 2,171 | 2 | 143 | 3,656,859 | 7,783,140 |
| Coffins, burial cases and undertakers' goods | 564 | 304,174 | 275 | 85,246 | 13 | 2,363 | 5,547,082 | 12,230,554 |
| Coke | 4,494 | 2,162,662 | ..... | ..... | 24 | 3,950 | 11,509,737 | 16,498,345 |
| Collars and cuffs, paper | ..... | ..... | 15 | 3,952 | ..... | ..... | 223,077 | 301,093 |
| Combs | 89 | 17,995 | 7 | 1,134 | 1 | 195 | 344,120 | 1,020,835 |
| Confectionery | 688 | 290,849 | 1,550 | 306,959 | 38 | 4,286 | 31,116,629 | 55,997,101 |
| Cooperage | 9,089 | 4,120,129 | 191 | 30,574 | 29 | 3,880 | 20,636,911 | 38,617,956 |
| Cordage and twine | 190 | 67,024 | 600 | 155,566 | 62 | 10,300 | 23,372,637 | 32,376,454 |
| Cordials and sirups | 6 | 2,410 | ..... | ..... | ..... | ..... | 1,231,141 | 1,903,200 |
| Cork cutting | 19 | 6,264 | ..... | ..... | ..... | ..... | 1,501,902 | 2,840,359 |
| Corsets | 925 | 336,752 | 5,774 | 1,542,605 | 45 | 5,440 | 5,662,140 | 12,401,575 |
| Cotton cleaning and re-handling | ..... | ..... | 1 | 230 | ..... | ..... | 415,005 | 525,505 |
| Cotton compressing | 886 | 522,735 | ..... | ..... | ..... | ..... | 254,309 | 2,624,027 |
| Cotton ginning | 142 | 9,933 | 3 | 86 | 4 | 325 | 542,481 | 2,367,450 |
| Cotton goods (*see also* Hosiery and knit goods | 2,997 | 1,101,722 | 10,786 | 3,126,107 | 932 | 141,418 | 154,912,979 | 267,981,724 |
| Cotton ties | 10 | 800 | ..... | ..... | ..... | ..... | 5,980 | 11,980 |
| Cotton waste | 1 | 150 | ..... | ..... | ..... | ..... | 1,592,041 | 1,906,628 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cutlery and edge tools (*see also* Files, Hardware, Saws, Tools, not elsewhere specified) | 8,429 | 1,539,610 | 50 | 12,430 | 4 | 400 | 3,465,124 | 11,110,614 |
| Dentistry, mechanical | 71 | 32,607 | 4 | 422 | | | 1,475,255 | 7,864,299 |
| Dentist's materials | 6 | 3,770 | 9 | 3,040 | | | 993,855 | 2,594,883 |
| Druggist's preparations, not including prescriptions (*see also* Patent medicines and compounds, perfumery and cosmetics) | 20 | 2,150 | 5 | 1,030 | | | 2,411,851 | 6,659,797 |
| Drug grinding | | | 2 | 600 | | | 192,321 | 436,766 |
| Dyeing and cleaning | 222 | 110,674 | 238 | 65,784 | | | 1,103,556 | 5,267,819 |
| Dyeing and finishing textiles | 218 | 94,753 | 147 | 45,417 | | | 12,385,220 | 28,900,560 |
| Dyestuffs and extracts | 26 | 7,225 | | | | | 6,352,668 | 9,092,514 |
| Electrical apparatus and supplies | 1,068 | 618,707 | 499 | 183,621 | | | 8,819,498 | 19,114,714 |
| Electric lights and power | | | | | | | 1,155,789 | 4,783,224 |
| Electroplating | 78 | 43,750 | 8 | 3,478 | | | 1,048,057 | 3,121,642 |
| Emery wheels | | | | | | | 186,579 | 726,425 |
| Enameled goods | 10 | 3,000 | | | | | 118,659 | 444,942 |
| Enameling | | | | | | | 52,999 | 181,942 |
| Engravers' materials | | | | | | | 61,985 | 203,764 |
| Engraving and die sinking | 92 | 66,652 | | | | | 434,506 | 2,187,157 |
| Engraving, steel, including plate-printing (*see also* lithographing and engraving, photolithographing and engraving | 371 | 447,978 | 13 | 5,010 | | | 742,765 | 3,347,804 |
| Engraving, wood | 107 | 59,245 | 1 | 780 | | | 157,656 | 1,555,418 |
| Envelopes | 29 | 6,118 | 768 | 200,498 | | | 2,530,793 | 4,855,680 |
| Fancy articles, not elsewhere specified | 149 | 59,229 | 432 | 98,823 | 15 | 2,364 | 1,844,556 | 4,810,450 |
| Felt goods (*see also* Woolen goods) | 118 | 69,737 | 160 | 42,639 | 39 | 7,901 | 2,809,937 | 4,654,768 |
| Fertilizers (*see also* Chemicals) | 25 | 5,219 | | | 5 | 100 | 25,113,874 | 39,180,844 |
| Files (*see also* Cutlery and edge tools) | 830 | 423,968 | 27 | 6,946 | | | 1,038,943 | 3,179,649 |
| Firearms | 360 | 193,585 | 2 | 275 | | | 485,946 | 2,922,514 |
| Fire extinguishers, chemicals | | | | | | | 57,736 | 195,834 |
| Fireworks | 8 | 892 | 12 | 1,512 | | | 188,938 | 592,542 |
| Fish, canning and preserving (*see also* Food preparations) | 1,883 | 445,011 | 506 | 71,608 | 311 | 14,675 | 4,710,709 | 6,972,268 |
| Flags and banners (*see also* Regalia and society banners and emblems) | 34 | 8,184 | 83 | 6,650 | | | 195,587 | 455,849 |
| Flavoring extracts | 8 | 5,647 | 6 | 1,276 | | | 1,430,120 | 2,614,514 |
| Flax, dressed | | | | | | | 638,285 | 981,283 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Piecework ers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Flouring and grist-mill products | 997 | 291,197 | 93 | 19,488 | 2 | 66 | 434,152,290 | 513,971,474 |
| Food preparations (*see also* Fish canning and preserving, Fruits and vegetables canning and preserving, Oysters canning and preserving) | 82 | 30,578 | 184 | 46,234 | 7 | 1,720 | 8,129,925 | 14,105,485 |
| Foundry and machine-shop products (*see also* Ironwork, architectural and ornamental, and Steam fitting and heating apparatus) | 22,871 | 13,291,445 | 166 | 50,791 | 238 | 51,839 | 171,145,156 | 412,701,872 |
| Foundry supplies | | | | | | | 357,874 | 672,440 |
| Fruit-jar trimmings | 259 | 75,280 | 104 | 18,320 | | | 275,744 | 802,237 |
| Fruits and vegetables, canning and preserving (*see also* Food preparations, Pickles, preserves, and sauces) | 3,652 | 397,022 | 12,828 | 807,848 | 2,080 | 55,434 | 18,665,163 | 29,862,416 |
| Fur goods (*see also* Hats and caps, not including wool hats) | 388 | 297,974 | 502 | 173,552 | | | 11,742,508 | 20,526,988 |
| Furnishing goods, men's (*see also* Shirts) | 2,146 | 723,850 | 10,783 | 2,335,529 | 67 | 8,500 | 15,280,572 | 29,870,946 |
| Furniture, cabinetmaking, repairing, and upholstering (*see also* Mattresses and spring beds) | 712 | 330,323 | 199 | 55,816 | 2 | 312 | 9,757,060 | 23,884,252 |
| Furniture, chairs | 2,966 | 1,283,012 | 837 | 95,654 | 382 | 18,232 | 6,572,299 | 16,866,358 |
| Furniture, factory product | 7,289 | 3,833,399 | 451 | 98,322 | 71 | 13,165 | 38,796,471 | 94,876,722 |
| Furs, dressed | 167 | 107,519 | 1 | 156 | | | 203,199 | 651,296 |
| Galvanizing | 13 | 8,120 | | | | | 1,940,712 | 2,957,143 |
| Gas and lamp fixtures (*see also* Lamps and reflectors) | 102 | 62,668 | | | | | 2,208,124 | 7,825,672 |
| Gas, illuminating and heating | 1 | 150 | | | 6 | 750 | 14,037,087 | 56,987,290 |
| Gas machines and meters | 153 | 76,798 | 4 | 500 | | | 675,542 | 1,838,644 |
| Gas stoves | 57 | 29,393 | | | | | 840,126 | 2,137,944 |
| Glass | 11,727 | 8,881,623 | 259 | 59,181 | 445 | 88,619 | 12,140,985 | 41,051,004 |
| Glass cutting, staining, and ornamenting | 65 | 30,170 | 4 | 970 | | | 2,188,287 | 6,090,378 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Gloves and mittens (*see also* Hosiery and knit goods, Woolen goods) | 1,196 | 552,094 | 3,965 | 818,246 | 14 | 1,605 | 5,021,144 | 10,103,821 |
| Glucose | 5 | 3,000 | | | | | 5,029,131 | 7,756,686 |
| Glue | 45 | 18,200 | 16 | 1,600 | | | 2,510,927 | 4,270,460 |
| Gold and silver leaf and foil | 95 | 68,101 | 167 | 50,720 | | | 1,834,716 | 2,977,791 |
| Gold and silver, reducing and refining, not from the ore | 15 | 11,136 | 1 | 225 | | | 30,005,096 | 32,035,520 |
| Graphite | | | | | | | 26,380 | 54,605 |
| Grease and tallow (*see also* Axle grease, soap, and candles) | 8 | 350 | | | | | 5,135,901 | 7,474,911 |
| Grindstones | | | | | | | 34,742 | 122,240 |
| Gunpowder (*see also* Ammunition, high explosives) | 39 | 26,565 | | | | | 3,279,004 | 6,752,343 |
| Hairwork | 74 | 23,088 | 148 | 40,390 | 1 | 91 | 846,045 | 2,489,061 |
| Hammocks | 3 | 1,710 | 50 | 4,752 | | | 26,535 | 60,254 |
| Hand-knit goods | 17 | 6,300 | 71 | 10,115 | | | 88,280 | 205,775 |
| Hand stamps | 50 | 38,565 | 7 | 3,721 | | | 432,687 | 1,583,872 |
| Hardware (*see also* Cutlery and edge tools, Tools not elsewhere specified) | 3,747 | 1,908,106 | 376 | 91,851 | 108 | 16,306 | 10,186,442 | 26,726,468 |
| Hardware, saddlery | 1,024 | 444,620 | 135 | 27,098 | 10 | 1,302 | 1,624,849 | 4,118,195 |
| Hat and cap materials | 202 | 139,638 | 51 | 16,890 | 5 | 2,080 | 2,059,001 | 3,465,524 |
| Hats and caps, not including wool hats (*see also* Fur goods, Straw goods not elsewhere specified) | 9,111 | 5,441,865 | 6,460 | 2,130,710 | 147 | 43,120 | 16,100,802 | 37,311,599 |
| Hay and straw baling | 122 | 12,300 | | | 1 | 25 | 728,195 | 1,058,142 |
| High explosives (*see also* Gunpowder, ammunition) | 31 | 22,213 | 16 | 1,860 | 10 | 900 | 2,282,719 | 4,600,272 |
| Hones and whetstones | 3 | 1,000 | | | | | 6,332 | 54,136 |
| Hooks and eyes | | | | | | | 325,615 | 593,604 |
| Horseshoes, factory product | | | | | | | 519,449 | 1,110,032 |
| Hosiery and knit goods (*see also* Cotton goods, Gloves and mittens, Woolen goods) | 3,165 | 1,148,361 | 25,701 | 6,124,008 | 1,205 | 156,721 | 35,861,585 | 67,241,013 |
| House-furnishing goods, not elsewhere specified | 432 | 225,065 | 78 | 24,792 | 2 | 400 | 4,832,791 | 8,347,285 |
| Ice, artificial | 205 | 12,824 | | | | | 940,699 | 4,900,983 |
| Ink, printing | 5 | 2,300 | | | | | 1,145,554 | 2,376,672 |
| Ink, writing | 20 | 10,752 | 47 | 12,606 | | | 519,231 | 1,128,307 |
| Instruments, professional and scientific | 214 | 169,269 | 12 | 3,350 | | | 698,352 | 2,271,616 |
| Iron and steel | | | | | | | 295,777,843 | 430,954,348 |
| Iron and steel bolts, nuts, washers, and rivets | 1,841 | 797,760 | 130 | 37,053 | 348 | 70,831 | 6,746,304 | 12,373,031 |
| Iron and steel doors and shutters | 1 | 1,800 | | | | | 29,792 | 88,515 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Pieceworkers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Iron and steel forgings | 595 | 329,308 | ..... | ..... | 43 | 7,946 | 4,875,697 | 9,042,563 |
| Iron and steel nails and spikes, cut and wrought, including wire nails | 531 | 328,265 | 366 | 92,665 | 7 | 1,307 | 22,960,737 | 34,227,517 |
| Iron and steel pipe, wrought | 596 | 300,758 | ..... | ..... | 1 | 200 | 25,988,798 | 37,906,801 |
| Iron work, architectural and ornamental (*see also* Foundry and machine-shop products) | 343 | 201,924 | ..... | ..... | 4 | 1,144 | 18,620,510 | 37,745,294 |
| Ivory and bone work | 160 | 67,166 | 20 | 5,939 | 1 | 174 | 921,975 | 1,918,607 |
| Japanning | 23 | 12,196 | 23 | 8,210 | 8 | 1,552 | 120,184 | 350,819 |
| Jewelry (*see also* Watch, clock, and jewelry repairing) | 936 | 767,663 | 370 | 122,825 | 1 | 21 | 16,110,219 | 34,761,458 |
| Jewelry and instrument cases | 23 | 14,780 | 12 | 1,796 | 1 | 234 | 483,441 | 1,454,053 |
| Jute and jute goods | ..... | ..... | 55 | 16,900 | ..... | ..... | 501,909 | 1,120,121 |
| Kaolin and other earth grinding | 51 | 27,280 | ..... | ..... | ..... | ..... | 1,330,290 | 2,846,862 |
| Kindling wood | 377 | 120,065 | 180 | 25,147 | 45 | 8,534 | 1,187,460 | 2,401,873 |
| Labels and tags | 1 | 780 | 12 | 2,220 | 27 | 2,360 | 402,871 | 1,048,304 |
| Lamps and reflectors (*see also* Gas and lamp fixtures) | 140 | 60,684 | 13 | 5,992 | ..... | ..... | 1,542,092 | 4,039,359 |
| Lapidary work | 5 | 3,350 | ..... | ..... | ..... | ..... | 124,852 | 315,604 |
| Lard, refined (*see also* Slaughtering) | 3 | 676 | 29 | 9,100 | ..... | ..... | 12,654,360 | 15,474,843 |
| Lasts | 193 | 155,352 | ..... | ..... | ..... | ..... | 331,225 | 1,239,068 |
| Lead, bar, pipe, and sheet | 1 | 575 | 2 | 725 | ..... | ..... | 6,882,157 | 8,351,704 |
| Leather board (*see also* Paper) | 1 | 400 | ..... | ..... | ..... | ..... | 211,936 | 463,705 |
| Leather dressed skins | 38 | 21,298 | ..... | ..... | ..... | ..... | 724,739 | 1,072,758 |
| Leather goods (*see also* Pocketbooks, trunks, and valises) | 193 | 105,528 | 24 | 4,162 | 3 | 300 | 2,988,747 | 5,578,428 |
| Leather, morocco | 1,333 | 874,304 | 22 | 10,660 | 17 | 3,528 | 18,174,452 | 26,279,105 |
| Leather, patent and enameled | 635 | 430,280 | ..... | ..... | ..... | ..... | 2,932,724 | 6,502,228 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Leather, tanned and curried | 2,963 | 1,772,196 | 27 | 7,612 | 3 | 140 | 100,114,806 | 138,282,004 |
| Lightning rods | 4 | 1,660 | | | | | 212,789 | 483,296 |
| Lime and cement | 517 | 229,915 | | | | | 5,667,863 | 15,741,801 |
| Linen goods | 62 | 18,711 | 8 | 2,159 | 27 | 4,834 | 268,907 | 547,273 |
| Liquors, distilled | 194 | 102,802 | | | 1 | 100 | 14,909,173 | 104,197,869 |
| Liquors, malt (*see also* Bottling) | 874 | 165,763 | 82 | 15,000 | 8 | 1,224 | 64,003,347 | 182,781,622 |
| Liquors, vinous (*see also* Liquors, distilled) | 54 | 5,905 | 2 | 200 | | | 1,218,012 | 2,846,148 |
| Lithographing and engraving (*see also* Engraving, steel, including plate printing: Photolithographing, and engraving, printing and publishing) | 124 | 136,757 | 35 | 12,548 | 6 | 1,222 | 6,265,464 | 17,988,157 |
| Lock and gunsmithing | 55 | 22,611 | 1 | 364 | | | 822,557 | 3,153,834 |
| Looking-glass and picture frames | 427 | 219,404 | 59 | 17,713 | 39 | 5,846 | 7,069,115 | 16,376,173 |
| Lumber and other mill products from logs or bolts | 9,051 | 2,607,964 | 893 | 113,875 | 652 | 66,613 | 231,555,618 | 403,667,575 |
| Lumber planing mill products, including sash, doors, and blinds, (*see also* Boxes, wooden packing; wood, turned and carved) | 1,444 | 796,804 | 87 | 12,161 | 15 | 2,376 | 104,926,884 | 183,681,552 |
| Malt (*see also* Liquors, malt) | 43 | 18,244 | | | | | 17,100,074 | 23,442,559 |
| Mantles: slate, marble and marbleized | 113 | 87,708 | | | | | 1,254,667 | 3,127,662 |
| Marble and stone work (*see also* Monuments and tombstones) | 967 | 529,646 | 37 | 9,630 | 6 | 700 | 16,282,430 | 41,924,264 |
| Masonry: brick and stone (*see also* Plastering and stucco work) | 1,686 | 1,127,713 | | | | | 91,791,109 | 190,704,818 |
| Matches | 70 | 24,409 | 601 | 103,442 | 20 | 1,590 | 935,008 | 2,193,688 |
| Mats and matting | 81 | 40,395 | 17 | 4,098 | | | 801,501 | 608,625 |
| Mattresses and spring beds (*see also* Furniture, wire work, including wire rope and cable) | 1,160 | 520,238 | 379 | 119,956 | 66 | 22,691 | 8,727,380 | 15,683,932 |
| Millinery and lace goods (*see also* Artificial feathers and flowers) | 749 | 435,174 | 3,544 | 1,273,801 | | | 8,588,342 | 18,047,067 |
| Millinery, custom work | 48 | 13,940 | 392 | 95,863 | 6 | 762 | 13,756,776 | 36,983,082 |
| Millstones | | | | | | | 18,294 | 47,152 |
| Mineral and soda waters (*see also* Bottling) | 60 | 17,089 | 8 | 1,850 | 6 | 375 | 4,562,808 | 14,858,745 |
| Mirrors | 66 | 55,010 | | | | | 3,274,181 | 6,000,583 |
| Models and patterns | 32 | 18,712 | 1 | 208 | | | 440,576 | 2,523,395 |
| Monuments and tombstones (*see also* Marble and stone work) | 296 | 547,300 | 1 | 60 | 1 | 75 | 7,636,474 | 20,671,498 |
| Mucilage and paste | 6 | 1,972 | 12 | 3,045 | | | 755,034 | 1,276,611 |
| Musical instruments and materials not specified | 106 | 69,384 | 8 | 8,500 | | | 510,664 | 1,888,613 |
| Musical instruments, organs, and materials | 1,977 | 1,072,456 | 88 | 13,200 | | | 3,454,720 | 9,213,188 |
| Musical instruments, pianos, and materials | 2,541 | 1,987,424 | 86 | 20,916 | | | 10,470,779 | 25,766,368 |
| Needles and pins | 95 | 54,671 | 205 | 72,557 | 11 | 2,605 | 450,442 | 1,515,365 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Pieceworkers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Nets and seines | 2 | 200 | 20 | 20,226 | ..... | ..... | 884,624 | 1,002,196 |
| Oakum | ..... | ..... | ..... | ..... | ..... | ..... | 221,733 | 263,400 |
| Oil, castor | ..... | ..... | ..... | ..... | ..... | ..... | 431,221 | 573,363 |
| Oil, cottonseed and cake | 26 | 29,724 | ..... | ..... | ..... | ..... | 14,263,126 | 19,295,947 |
| Oil, essential | 6 | 675 | ..... | ..... | ..... | ..... | 129,735 | 255,247 |
| Oil, illuminating, not including petroleum refining | ..... | ..... | ..... | ..... | ..... | ..... | 442,338 | 599,729 |
| Oil, lard | 2 | 1,395 | ..... | ..... | ..... | ..... | 920,650 | 1,181,613 |
| Oil, linseed | 21 | 23,134 | ..... | ..... | ..... | ..... | 19,374,543 | 23,534,206 |
| Oil, lubricating | 2 | 1,224 | ..... | ..... | ..... | ..... | 4,261,184 | 5,656,530 |
| Oil, resin | ..... | ..... | ..... | ..... | ..... | ..... | 525,320 | 738,680 |
| Oilcloth, enameled | 20 | 11,100 | ..... | ..... | ..... | ..... | 963,518 | 1,603,265 |
| Oilcloth, floor | 265 | 156,307 | ..... | ..... | 24 | 8,536 | 2,330,295 | 3,277,822 |
| Oleomargarine | ..... | ..... | ..... | ..... | ..... | ..... | 2,175,264 | 2,963,535 |
| Optical goods | 269 | 113,035 | 118 | 84,563 | 29 | 5,687 | 1,234,305 | 3,505,973 |
| Ordnance and ordnance stores | 267 | 204,486 | ..... | ..... | ..... | ..... | 743,343 | 2,434,663 |
| Oysters, canning and preserving (*see also* Food preparations) | 904 | 121,069 | 995 | 96,910 | 215 | 18,440 | 2,083,367 | 3,260,766 |
| Painting and paper hanging | 2,213 | 1,221,514 | 25 | 5,374 | 7 | 824 | 23,102,359 | 74,067,993 |
| Paints (*see also* Chemicals, Varnish) | 213 | 109,485 | 98 | 24,373 | 10 | 1,690 | 24,999,532 | 40,433,171 |
| Paper (*see also* Leather board, Pulp wood) | 645 | 150,212 | 1,589 | 459,814 | 9 | 417 | 43,223,314 | 74,209,288 |
| Paper goods, not elsewhere specified | 90 | 39,076 | 54 | 14,434 | 14 | 2,184 | 3,937,454 | 4,179,235 |
| Paper hangings | 102 | 27,340 | 3 | 1,200 | 2 | 200 | 5,573,027 | 7,431,726 |
| Paper patterns | 1 | 300 | ..... | ..... | ..... | ..... | 85,269 | 277,456 |
| Patent medicines and compounds (*see also* Druggists' preparations, not including prescriptions) | 243 | 75,501 | 480 | 122,286 | 12 | 965 | 11,090,913 | 23,620,183 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Paving and paving materials | 647 | 240,851 | | | | | 13,891,005 | 30,644,072 |
| Pencil cases | | | | | | | 59,491 | 164,450 |
| Pencils, lead | 49 | 18,170 | 333 | 74,168 | 6 | 1,200 | 796,378 | 1,687,560 |
| Pens, fountain and stylographic | 21 | 9,819 | 3 | 1,240 | | | 128,214 | 351,775 |
| Pens, gold | 38 | 27,104 | | | | | 235,628 | 718,070 |
| Pens, steel | 75 | 19,685 | 320 | 66,148 | | | 56,630 | 268,259 |
| Perfumery and cosmetics (*see also* Druggists' preparations, not including prescriptions) | 14 | 3,984 | 78 | 21,206 | 3 | 800 | 2,128,420 | 4,630,141 |
| Petroleum refining | 1,658 | 708,820 | | | 16 | 3,473 | 67,918,723 | 85,001,198 |
| Photographic apparatus | 7 | 4,361 | | | | | 164,620 | 624,342 |
| Photographic materials | 51 | 25,106 | 2 | 560 | | | 1,107,269 | 2,121,387 |
| Photography | 296 | 124,656 | 175 | 55,285 | 1 | 120 | 8,892,196 | 15,488,324 |
| Photolithographing and engraving (*see also* Lithographing and engraving, Stereotyping and electrotyping) | 97 | 52,712 | 1 | 500 | | | 541,395 | 2,071,580 |
| Pickles, preserves, and sauces (*see also* Fruits and vegetables, canning and preserving) | 100 | 25,349 | 516 | 86,524 | 7 | 1,280 | 5,328,541 | 9,790,855 |
| Pipes, tobacco | 202 | 107,348 | 38 | 6,266 | 4 | 520 | 626,668 | 1,881,262 |
| Plastering and stucco work (*see also* Masonry brick and stone) | 327 | 145,763 | 2 | 75 | | | 4,416,953 | 13,460,824 |
| Plated and britannia ware (*see also* Silverware) | 623 | 346,509 | 265 | 80,340 | 16 | 2,697 | 4,647,890 | 11,502,966 |
| Plumbers' supplies (*see also* Brass castings and brass finishing) | 681 | 391,309 | 29 | 8,258 | 4 | 600 | 5,853,709 | 11,960,464 |
| Plumbing and gas fitting | 259 | 83,989 | 1 | 156 | | | 37,735,671 | 80,905,925 |
| Pocket books (*see also* Leather goods) | 161 | 91,178 | 32 | 8,218 | 9 | 1,665 | 968,948 | 2,165,462 |
| Printing and publishing, book and job (*see also* Bookbinding and blank book making) | 3,660 | 2,097,445 | 1,395 | 705,514 | | | 29,387,211 | 93,540,831 |
| Printing and publishing, music (*see also* Bookbinding and blank book making) | 38 | 26,634 | 3 | 1,596 | | | 401,415 | 1,683,333 |
| Printing and publishing, newspaper and periodicals (*see also* Bookbinding and blankbook making) | 12,932 | 10,084,505 | 1,899 | 778,100 | 24 | 3,207 | 38,955,322 | 179,859,750 |
| Printing materials | 79 | 47,876 | 160 | 27,260 | | | 567,638 | 1,459,434 |
| Printing, tip | 1 | 520 | | | | | 114,967 | 368,601 |
| Pulp goods | 17 | 7,922 | 4 | 913 | | | 122,851 | 352,582 |
| Pulp, wood | 83 | 25,894 | | | | | 2,005,166 | 4,627,796 |
| Pulp, from fiber other than wood | 25 | 16,025 | | | | | 126,902 | 524,243 |
| Pumps, not including steam pumps | 80 | 42,108 | | | | | 1,681,275 | 4,103,410 |
| Refrigerators | 480 | 254,373 | 27 | 8,172 | 80 | 4,394 | 2,377,958 | 4,513,616 |

## No. 257.—Statistics of the manufactures of the United States by specified industries, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Piecework ers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Regalia and society banners and emblems (*see also* Flags and banners) | 39 | 23,772 | 335 | 86,251 | 2 | 185 | 1,246,906 | 3,203,890 |
| Registers, car-fare | | | | | | | 32,618 | 141,320 |
| Registers, cash | 20 | 13,000 | | | | | 222,576 | 1,281,500 |
| Rice cleaning and polishing | 3 | 592 | | | 1 | 36 | 5,601,206 | 6,693,196 |
| Roofing and roofing materials (*see also* Tinsmithing, coppersmithing, and sheet-iron working) | 159 | 54,986 | | | 4 | 435 | 14,712,879 | 29,412,813 |
| Rubber and elastic goods | 896 | 456,113 | 2,204 | 676,990 | 99 | 20,493 | 11,113,528 | 18,708,917 |
| Rules, ivory and wood | 19 | 7,599 | 13 | 3,104 | 6 | 998 | 34,325 | 154,173 |
| Saddlery and harness | 4,615 | 2,335,574 | 306 | 78,642 | 17 | 2,268 | 24,674,225 | 52,970,801 |
| Safes and vaults | 364 | 192,333 | | | | | 2,635,313 | 6,641,844 |
| Salt | 457 | 148,356 | 73 | 20,456 | 17 | 2,388 | 1,826,770 | 5,484,618 |
| Sand and emery paper and cloth | | | | | | | 781,505 | 1,249,647 |
| Sausage (*see also* Slaughtering) | 1 | 252 | | | | | 1,935,170 | 3,055,887 |
| Saws | 352 | 240,731 | 39 | 9,362 | 9 | 3,275 | 2,346,401 | 5,572,992 |
| Scales and balances | 72 | 47,955 | | | 1 | 120 | 867,955 | 2,322,744 |
| Screws, machine | 176 | 74,479 | | | | | 331,701 | 1,183,341 |
| Screws, wood | 79 | 35,906 | 239 | 55,456 | | | 900,676 | 2,326,645 |
| Sewing-machine cases | 565 | 255,133 | 3 | 1,000 | | | 990,439 | 2,249,551 |
| Sewing-machine repairing | 1 | 520 | | | | | 86,816 | 385,941 |
| Sewing machines and attachments | 1,997 | 1,059,292 | 35 | 12,920 | 11 | 2,860 | 8,502,173 | 12,823,147 |
| Shipbuilding | 1,129 | 592,142 | 2 | 250 | | | 16,925,109 | 40,342,115 |
| Shirts (*see also* Furnishing goods, men's) | 2,862 | 1,047,458 | 17,746 | 4,345,166 | 79 | 9,513 | 15,704,353 | 33,638,593 |
| Shoddy | 9 | 2,012 | 460 | 72,825 | 25 | 1,600 | 6,003,035 | 7,887,000 |
| Show cases | 112 | 66,203 | | | 2 | 184 | 1,077,945 | 2,509,557 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Silk and silk goods | 6,124 | 3,095,417 | 9,007 | 2,446,275 | 200 | 85,524 | 51,004,425 | 87,296,454 |
| Silversmithing | | | | | | | 204,237 | 621,567 |
| Silverware (*see also* Plated and britannia ware) | 62 | 50,330 | | | | | 2,129,344 | 5,813,737 |
| Slaughtering and meat-packing, wholesale (*see also* Lard, refined, Sausage) | 1,266 | 655,135 | 516 | 146,289 | 3 | 156 | 366,993,662 | 433,252,815 |
| Slaughtering, wholesale, not including meat-packing (*see also* Lard, refined, Sausage) | 288 | 253,647 | | | 10 | 2,500 | 113,968,549 | 128,359,358 |
| Smelting and refining | | | | | 3 | 600 | 25,285,191 | 28,188,326 |
| Soap and candles (*see also* Grease and tallow) | 144 | 48,331 | 210 | 68,901 | 53 | 9,467 | 28,687,412 | 43,600,285 |
| Soda-water appparatus | 58 | 41,074 | 9 | 3,832 | | | 1,016,202 | 2,711,879 |
| Sporting goods | 138 | 66,363 | 390 | 63,584 | | | 1,119,806 | 2,709,449 |
| Springs, steel, car and carriage | 507 | 260,405 | | | 12 | 1,383 | 3,219,408 | 4,331,571 |
| Stamped ware (*see also* Tinsmithing, coppersmithing, and sheet-iron working) | 1,574 | 585,684 | 527 | 130,623 | 39 | 8,266 | 5,229,888 | 10,475,271 |
| Starch | 24 | 13,305 | 168 | 44,201 | 18 | 2,800 | 5,153,677 | 8,934,517 |
| Stationery goods not elsewhere specified | 218 | 102,098 | 406 | 114,245 | 7 | 824 | 5,268,761 | 9,292,017 |
| Steam fittings and heating apparatus (*see also* Foundry and machine-shop products) | 1,245 | 776,605 | 73 | 20,476 | | | 10,628,314 | 23,147,434 |
| Steam packing | 8 | 3,056 | | | | | 357,819 | 1,008,372 |
| Stencils and brands | 5 | 2,920 | 10 | 1,872 | | | 167,590 | 732,611 |
| Stereotyping and electrotyping (*see also* Type founding) | 102 | 79,011 | 50 | 20,808 | | | 500,744 | 2,183,909 |
| Straw goods not elsewhere specified (*see also* Hats and caps, not including wool hats) | 75 | 15,000 | 202 | 36,222 | | | 134,945 | 329,987 |
| Sugar and molasses refining | 37 | 11,866 | 14 | 2,652 | | | 107,758,811 | 123,118,259 |
| Surgical appliances (*see also* Artificial limbs) | 13 | 6,403 | 36 | 11,684 | 1 | 150 | 524,488 | 1,650,083 |
| Tar and turpentine | 543 | 72,761 | 125 | 9,419 | 93 | 4,761 | 2,874,693 | 3,077,379 |
| Taxidermy | 4 | 910 | 1 | 225 | | | 37,727 | 231,773 |
| Timber products not manufactured at mill | 9,678 | 2,498,638 | 19 | 3,108 | 7 | 1,304 | 11,006,678 | 34,289,807 |
| Teasels | 14 | 3,151 | | | | | 50,362 | 84,700 |
| Tinsmithing, coppersmithing, and sheet-iron working (*see also* Roofing and roofing materials, Stamped ware) | 1,856 | 785,505 | 242 | 62,978 | 63 | 13,917 | 31,217,522 | 66,653,746 |
| Tobacco, chewing, smoking, and snuff | 3,668 | 952,199 | 4,014 | 774,640 | 1,549 | 97,839 | 29,192,249 | 65,843,587 |
| Tobacco, cigars, and cigarettes | 38,937 | 19,281,741 | 15,687 | 4,847,289 | 1,134 | 150,188 | 50,298,960 | 129,693,275 |
| Tobacco, stemming and rehandling | 717 | 105,296 | 426 | 64,867 | 127 | 9,280 | 12,813,108 | 16,209,761 |

## No. 257.—Statistics of the MANUFACTURES of the UNITED STATES by SPECIFIED INDUSTRIES, etc., 1890—Continued.

[See note on page 345.]

| Mechanical and manufacturing industries. | Average number of employés and total wages. | | | | | | Cost of materials used. | Value of products, including receipts from custom work and repairing. |
|---|---|---|---|---|---|---|---|---|
| | Pieceworkers. | | | | | | | |
| | Males above 16 years. | | Females above 15 years. | | Children. | | | |
| | Number. | Wages. | Number. | Wages. | Number. | Wages. | | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Tools not elsewhere specified (*see also* Cutlery and edge tools, Hardware) | 1,340 | 772,777 | 70 | 27,066 | 13 | 2,267 | 3,517,269 | 10,528,025 |
| Toys and games | 373 | 121,258 | 272 | 67,219 | 92 | 15,045 | 1,459,738 | 3,749,755 |
| Trunks and valises (*see also* Leather goods) | 1,924 | 857,190 | 72 | 21,264 | 51 | 9,932 | 4,703,982 | 10,821,621 |
| Typefounding (*see also* Stereotyping and electrotyping) | 588 | 340,431 | 471 | 210,577 | 60 | 9,115 | 1,434,092 | 3,916,904 |
| Typewriters and supplies | 427 | 241,270 | 3 | 1,050 | ..... | ..... | 632,723 | 3,630,126 |
| Umbrellas and canes | 358 | 140,666 | 1,093 | 347,615 | ..... | ..... | 7,562,921 | 13,771,927 |
| Upholstery materials (*see also* Woolen goods, Worsted goods, Carpets and rugs, other than rag) | 339 | 169,945 | 338 | 78,645 | 99 | 15,237 | 3,013,253 | 5,733,089 |
| Varnish (*see also* Paints) | 8 | 3,700 | 2 | 468 | 2 | 468 | 7,305,663 | 13,795,510 |
| Vault lights and ventilators (*see also* Foundry and machine-shop products) | ..... | ..... | ..... | ..... | ..... | ..... | 185,529 | 455,413 |
| Vinegar and cider | 20 | 3,083 | 10 | 612 | ..... | ..... | 3,268,455 | 6,649,300 |
| Washing machines and clothes wringers | 182 | 69,573 | 4 | 600 | 46 | 5,993 | 1,354,559 | 2,489,175 |
| Watch and clock materials (*see also* Clock cases and materials) | 17 | 9,750 | 5 | 1,000 | 3 | 400 | 314,674 | 787,310 |
| Watch cases | 720 | 353,590 | 202 | 41,848 | 2 | 481 | 5,023,455 | 8,618,479 |
| Watch, clock, and jewelry repairing (*see also* Jewelry | 211 | 88,383 | 2 | 1,560 | ..... | ..... | 2,225,888 | 10,704,477 |
| Watches | 2,826 | 1,472,244 | 1,793 | 673,935 | ..... | ..... | 995,740 | 6,051,066 |
| Whalebone and rattan (*see also* Baskets and rattan and willow ware) | ..... | ..... | ..... | ..... | ..... | ..... | 555,173 | 682,977 |
| Wheelbarrows | 122 | 59,540 | ..... | ..... | ..... | ..... | 687,720 | 1,165,568 |
| Whips | 138 | 62,980 | 112 | 32,285 | ..... | ..... | 821,614 | 2,153,815 |
| Windmills | 22 | 10,825 | ..... | ..... | ..... | ..... | 1,123,947 | 2,475,050 |
| Window shades | 121 | 82,651 | 49 | 19,631 | ..... | ..... | 5,241,874 | 9,239,609 |
| Wire | 134 | 123,773 | 5 | 2,000 | ..... | ..... | 15,063,540 | 22,013,804 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Wire work, including wire rope and cable (*see also* Mattresses and spring beds) | 1,224 | 592,750 | 431 | 115,683 | 54 | 5,953 | 8,325,435 | 15,552,857 |
| Wood preserving | ..... | ..... | ..... | ..... | ..... | ..... | 50,697 | 143,475 |
| Wood, turned and carved (*see also* Lumber, planing-mill products, including sash, doors, and blinds) | 449 | 200,643 | 117 | 15,116 | 11 | 1,487 | 3,947,227 | 10,939,647 |
| Wooden ware, not elsewhere specified | 638 | 242,607 | 117 | 15,966 | 62 | 4,654 | 1,498,773 | 3,597,602 |
| Wool hats | 661 | 360,424 | 598 | 133,114 | 9 | 1,337 | 2,802,041 | 5,329,921 |
| Woolen goods (*see also* Carpets and rugs other than rag, Felt goods, Gloves and mittens, Hosiery and knit goods) | 1,780 | 752,058 | 4,487 | 1,250,399 | 259 | 39,634 | 82,270,335 | 133,577,977 |
| Worsted goods | 1,109 | 532,592 | 2,355 | 788,448 | 34 | 5,450 | 50,706,769 | 79,194,652 |
| Zinc | 2 | 200 | ..... | ..... | ..... | ..... | 2,005,682 | 2,976,730 |
| All other industries *a* | 40 | 4,616 | 208 | 38,196 | ..... | ..... | 1,773,808 | 3,142,145 |
| All industries | 445,757 | 222,671,209 | 296,847 | 75,781,399 | 16,723 | 2,155,971 | 5,158,868,353 | 9,370,107,624 |

*a* Includes industries having less than 3 establishments, in order that operations of individual establishments may not be disclosed. These industries are distributed as follows: Fuel artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber vulcanized, 1; sugar and molasses beet, 2; thread linen, 2; tinfoil, 2.

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53D CONGRESS, 2d Session. } HOUSE OF REPRESENTATIVES. { Ex. DOC. No. 237.

# REPORT

OF THE

# DIRECTOR OF THE MINT

UPON THE

# PRODUCTION

OF THE

# PRECIOUS METALS IN THE UNITED STATES

DURING THE

## CALENDAR YEAR 1893.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1894.

# LETTER

FROM

# THE SECRETARY OF THE TREASURY,

TRANSMITTING

*The report of the Director of the Mint upon the production of the precious metals in the United States for the calendar year 1893.*

---

TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
*Washington, D. C., June 12, 1894.*

SIR: I have the honor to transmit herewith the report of the Director of the Mint upon the production of the precious metals in the United States for the calendar year 1893.

Respectfully, yours,

J. G. CARLISLE,
*Secretary.*

Hon. CHARLES F. CRISP,
*Speaker of the House of Representatives.*

# LETTER OF TRANSMITTAL.

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
*Washington, D. C., June 12, 1894.*

SIR: I have the honor to hand you herewith, for transmittal to Congress, a report on the production of gold and silver in the United States, in the calendar year 1893.

The statistics of the output of the precious metals in the United States and foreign countries, compiled by this Bureau, are eagerly looked for, not only in America but in Europe as well. They are cited as authoritative in the discussion of the all-important monetary question by the press and legislative bodies, as well as in monetary conferences and commissions. In view of this fact, unusual care has been taken in the preparation of the data relating to the world's yield of the precious metals, not only in 1893, but in 1892 and 1891, and I have not hesitated to correct the estimates heretofore made by this Bureau when greater accuracy could be attained.

Respectfully, yours,

R. E. PRESTON,
*Director of the Mint.*

Hon. JOHN G. CARLISLE,
*Secretary of the Treasury.*

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# PART I.

## PRODUCTION AND EMPLOYMENT, AND MOVEMENT OF GOLD AND SILVER IN THE UNITED STATES IN 1893. SURVEY OF THE WORLD'S PRODUCTION OF GOLD AND SILVER IN 1893.

# GENERAL REPORT.

## *PRODUCTION OF GOLD IN THE UNITED STATES IN 1893.*

The approximate gold yield of the mines of the United States, in the calendar year 1893, was, as will be seen from the calculation made below, 1,739,323 fine ounces, of the value in round numbers of $35,955,000, against 1,597,100 fine ounces, of the value of $33,014,981 in 1892, an increase in the former year of 142,223 fine ounces, of the value of $2,940,019.

The United States still maintains its rank as the leading gold-producing country of the world.

The items entering into the calculation of the estimate of the gold product of the United States in 1893, will be found in the tables given below:

APPROXIMATE GOLD PRODUCT OF THE MINES OF THE UNITED STATES DURING THE CALENDAR YEAR 1893.

| Items of the gold product of 1893. | Fine ounces. |
|---|---|
| Domestic product in fine gold bars reported by private refineries | 1,072,714 |
| Unrefined gold of domestic production deposited at mints and assay offices | 656,469 |
| Domestic gold ores, exported for reduction | 9,232 |
| Gold in domestic copper and argentiferous matte exported for reduction | 1,302 |
| Total | 1,739,717 |

What disposition was made of the gold product from the mines of the United States is shown in this second table:

APPROXIMATE DISPOSITION OF THE GOLD PRODUCT OF THE MINES OF THE UNITED STATES DURING THE CALENDAR YEAR 1893.

| Disposition. | Fine ounces. |
|---|---|
| Bullion of domestic production deposited at mints and assay offices | 1,744,224 |
| Bullion of domestic production (other than United States mint or assay office bars) exported from the United States | 8,838 |
| Domestic gold ores exported | 9,232 |
| Gold contained in domestic copper matte exported | 1,302 |
| Bullion of domestic production reported by private refineries in the United States as having been made into bars for manufacturers and jewelers | 79,177 |
| Total | 1,842,773 |
| Deduct foreign bullion reported by private refineries in the United States, as contained in their product of fine gold bars deposited at mints and assay offices, and there classified as domestic production | 103,878 |
| Net total | 1,738,895 |

These two tables are singularly confirmatory of each other.

A mean between the amount of gold estimated to have been produced in 1893 and the amount the disposition of which during the same period is shown above, viz, 1,739,323 ounces of the value of $35,955,000, gives as close an approximation to the actual product of the year as can be reached; and these are the figures, as already remarked, at which the Bureau places the production of gold in the United States in 1893.

In the increase in the product of gold in 1893 over 1892 nearly every gold-producing State and Territory shared, but Colorado most largely, as will be seen from the following summary of the gold product of the different States and Territories in 1892 and 1893, and the increase or decrease of the gold output of the same, during the latter year:

STATEMENT SHOWING BY STATES AND TERRITORIES THE PRODUCTION OF GOLD IN THE UNITED STATES IN 1892 AND 1893, AND THE INCREASE OR DECREASE IN THE LATTER YEAR.

| State or Territory. | Product. | | Increase, 1893. | Decrease, 1893. |
|---|---|---|---|---|
| | 1892. | 1893. | | |
| Alaska | $1,000,000 | $1,010,100 | $10,100 | ..... |
| Arizona | 1,070,000 | 1,184,200 | 114,200 | ..... |
| California | 12,000,000 | 12,080,000 | 80,000 | ..... |
| Colorado | 5,300,000 | 7,527,000 | 2,227,000 | ..... |
| Georgia | 94,734 | 97,200 | 2,466 | ..... |
| Idaho | 1,721,364 | 1,646,900 | ..... | $74,464 |
| Michigan | 70,000 | 42,000 | ..... | 28,000 |
| Montana | 2,891,386 | 3,576,000 | 684,614 | ..... |
| Nevada | 1,571,500 | 958,500 | ..... | 613,000 |
| New Mexico | 950,000 | 913,100 | ..... | 36,900 |
| North Carolina | 78,560 | 53,600 | ..... | 24,960 |
| Oregon | 1,400,000 | 1,645,300 | 245,300 | ..... |
| South Carolina | 123,365 | 124,000 | 635 | ..... |
| South Dakota | 3,700,000 | 4,006,400 | 306,400 | ..... |
| Utah | 660,175 | 853,600 | 193,425 | ..... |
| Washington | 373,561 | 222,100 | ..... | 151,461 |
| Alabama, Maryland, Tennessee, Vermont, Virginia, Wyoming | 10,336 | 15,000 | 4,664 | ..... |
| Total | 33,014,981 | 35,955,000 | 3,868,804 | 928,785 |
| Net increase | ..... | ..... | 2,940,019 | ..... |

The above figures are not those of the agents appointed by the Mint Bureau to report on the production of gold and silver in the several producing States and Territories. They represent the share allotted each State, by the Bureau, in accordance with all the information it possesses on the total output of domestic gold, whether derived from the returns of private refineries, mints and assay offices, records of exports or reports of agents.

The production of gold in the country during the past year was

larger than in any year since 1880, as will be seen from the following statement of the yield for the years 1880–1893, inclusive:

PRODUCT OF GOLD FROM MINES IN THE UNITED STATES, 1880–1893.

| Calendar years. | Fine ounces. | Value. | Calendar years. | Fine ounces. | Value. |
|---|---|---|---|---|---|
| 1880 | 1,741,500 | $36,000,000 | 1887 | 1,596,375 | $33,000,000 |
| 1881 | 1,678,612 | 34,700,000 | 1888 | 1,604,841 | 33,175,000 |
| 1882 | 1,572,187 | 32,500,000 | 1889 | 1,587,000 | 32,800,000 |
| 1883 | 1,451,250 | 30,000,000 | 1890 | 1,588,880 | 32,845,000 |
| 1884 | 1,489,950 | 30,800,000 | 1891 | 1,604,840 | 33,175,000 |
| 1885 | 1,538,325 | 31,800,000 | 1892 | 1,596,375 | 33,000,000 |
| 1886 | 1,693,125 | 35,000,000 | 1893 | 1,739,323 | 35,955,000 |

*PRODUCTION OF SILVER IN THE UNITED STATES IN 1892.*

The Director of the Mint (Mr. Edward O. Leech) says with respect to the production of silver in the United States in the calendar year 1892 (see Production of Gold and Silver in the United States, 1892, p. 15):

From all the reports and data in the possession of this Bureau I have estimated the silver product of our own mines for the calendar year 1892 at 58,000,000 ounces (troy) of fine silver, worth at the average commercial price of silver during the year ($0.875 per fine ounce) $50,750,000 and of the coining value of $74,989,900, against a product for the calendar year 1891 of 58,330,000 ounces of fine silver, worth at the average price of silver during the year ($0.988 per fine ounce) $57,630,040 of the coining value of $75,416,565.

And on page 16 of the same report he continues:

In all prior years the aggregate silver product reported by the agents of this Bureau has exceeded the finished product reported by private refineries. This year it is less, but I believe that the product reported by the agents of the Bureau from the different mining States and Territories more correctly represents the product of our mines for the calendar year 1892 than the finished product reported by private establishments, much of which was obtained from ores mined prior to the calendar year 1892, as well as from foreign ores and bullion.

If the Director of the Mint, in 1892, had followed the method in accordance with which the Bureau's estimate of the silver output of the country had been made for several years prior thereto, his calculations would have shown the silver product of that year, as will be seen further on, to have been, in round numbers, 63,500,000 fine ounces, of the commercial value, at the average price of fine silver during the year of $0.8750 per ounce, of $55,562,500 and the coining value of $82,101,010, instead of 58,000,000 fine ounces of the commercial value of $50,750,000 and the coining value of $74,989,900.

For a number of years prior to 1892 it had been the custom of the Bureau, in these reports, to make two separate estimates of the production of silver during the year under consideration, and to give their

mean as the approximate silver product of such year. One of these estimates was obtained by adding together the private refiners' output of fine metal of domestic origin, the amount of unrefined silver of domestic origin deposited at the mints and assay offices of the United States, and the exports of silver in copper matte and ores. The other was reached by the addition of the total deposits of silver at United States mints and assay offices classified as of domestic production, the exports of domestic bullion (except mint or assay office bars), the silver exported in copper matte and ore, the bars of domestic production furnished by private refineries to manufacturers and jewelers for industrial employment, and the stock of bars of current years' product (exclusive of bars bearing the stamp of a United States mint or assay office) held by banks and private refineries at the close of the year; and deducting from the sum thus obtained the silver in foreign ores and bullion smelted and refined in the United States and classified at the mints and custom-houses as of domestic production.

This is the same method as has been adopted by the Bureau for a series of years in making the estimate of the annual production of gold in the United States. Previous to 1892, it had never been the practice of the Bureau to base its estimates of the gold or silver output of the country on the data furnished by the agents employed by the Mint Bureau to report on the production of the several States and Territories, because, as remarked in the Report on the Production of Gold and Silver in the United States, 1891, p. 22—

> However conscientiously the agents selected may have performed the duties assigned them, experience has proven that the tendency to exaggeration on the part of direct producers is so great and the sources of information in many cases so imperfect as to preclude the possibility of accepting such reports in all cases as correctly exhibiting the product of the different States and Territories, or in the aggregate the product of the mines of the United States.

The Bureau's method, described above, of estimating the annual product of the precious metals in the United States has been universally commended by the best statisticians of the precious metals. For instance, the late Dr. Soetbeer, the most eminent of them all, writes in relation to it in Hildebrand's Jahrbücher, 1891, pp. 523, 546, and 547:

"To show by an example in what manner the Bureau of the Mint has endeavored to ascertain as nearly as possible the precious-metal production of the United States, we may, by way of explanation, state how the amount of the gold product of the country for the year 1889 was reached.

"With the exception of the comparatively small amounts of gold newly produced from domestic mines which are immediately employed by goldsmiths, all the gold product of the country finds its way to public institutions, either in the form of unrefined bullion directly from the mines or gold washings or in the form of fine gold bars from private parting establishments. The charges for refining at the mints, as well

as for the attestation by them of the weight and fineness of the bars deposited there, are insignificant. Coinage is done gratis for the owner, and this is true also of the transportation to the mint at Philadelphia of the gold to be coined.

"In this way the total gold product of the country, so to say, comes to the knowledge of the Mint Bureau. During the year 1889, 689,658 ounces of gold in the form of unrefined bullion were deposited at the mints, and of the 911,676 ounces of fine gold refined at private institutions 856,361 ounces were stamped at the assay office in New York and at the mint in San Francisco. There are also special data relating to the quantity of gold imported from foreign countries, especially from Mexico and British Columbia, into the United States and directly employed or refined there.

"The statistics of the production of gold in the year 1889 were, therefore, made up as follows:

ESTIMATE OF THE GOLD PRODUCT OF THE MINES OF THE UNITED STATES, 1889.

| Sources. | Fine ounces. |
|---|---|
| Bullion of domestic production deposited at mints and assay offices | 1,546,019 |
| Bullion of domestic production (other than U. S. mint or assay-office bars) exported from the United States | 54,012 |
| Bullion of domestic production reported by 26 private refineries in the United States as having been made into bars for manufacturers and jewelers | 50,009 |
| Total | 1,650,040 |
| Deduct: | |
| Foreign bullion reported by private refineries in the United States as contained in their product of fine gold bars deposited at mints and assay offices, and there classified as of domestic production | 63,811 |
| Domestic product for 1889 | 1,586,229 |

"A further and independent calculation, according to data from the several mining districts, gave for the year 1889 the domestic product of gold at 1,587,632 ounces ($32,817,190). The average of these two results, $32,800,000 in round numbers or 1,587,000 ounces, has been officially recognized as the product of gold in the United States during the year 1889.

"From this example we can see from what material and by what method the statistics of the production of the precious metals in the United States are obtained; they are the result of careful thorough investigation, and not a superficial estimate. * * *

"The production of silver in the United States is ascertained in the same manner as that of gold, already described.

* * * * * * *

"To illustrate the method pursued by the Bureau of the United States

Mint in ascertaining the production of silver in that country, we give the following estimate made by it in 1889:

ESTIMATE OF SILVER PRODUCT OF MINES OF THE UNITED STATES, 1889.

| Sources. | | Fine ounces. |
|---|---|---|
| Bullion deposited at mints and assay offices, classified as of domestic production | | 30,109,225 |
| Bullion (other than U. S. mint or assay-office bars), classified as of domestic production, exported from the United States (custom-house rating at commercial value, $26,301,754, corresponding, at average price of silver during the year, $0.93¼ per fine ounce) | | 28,130,000 |
| Contained in copper matte and ore exported from the United Sates, silver contents not registered (approximate) | | 629,000 |
| Bullion of domestic production reported by private refineries in the United States as having been made into bars for industrial use | | 2,918,929 |
| Total | | 61,787,254 |
| Deduct: | *Fine ounces.* | |
| Foreign silver bullion imported into the United States (approximate) | 5,333,000 | |
| Silver in ores imported into the United States (approximate) | 7,000,000 | |
| Total imported | 12,333,000 | |
| Less foreign silver bullion deposited at mints and assay offices | 936,558 | |
| Foreign silver included in fine bars manufactured by private refineries in the United States and classified at the mints and custom-house as domestic (approximate) | | 11,906,443 |
| Estimated silver product for 1889 | | 49,880,812 |

"An additional estimate of the production of silver in the United States in 1889 is as follows:

ESTIMATE OF SILVER PRODUCT OF MINES OF THE UNITED STATES, 1889.

| Sources. | Fine ounces. |
|---|---|
| Domestic product of fine silver bars reported by 10 private refineries of the United States, being all who manufacture fine silver bars | 47,864,963 |
| Unrefined silver of domestic production deposited at mints and assay offices | 2,024,700 |
| Silver exported in copper matte and ore | 629,000 |
| Estimated silver product for 1889 | 50,518,663 |

"The average of these two estimates, in round numbers 50,000,000 ounces, was assumed as the amount of the production of silver in the United States in the year 1889."

In the absence of any explanation or reason for such a radical change in the method of estimating the production of silver in the United States, a method which has commended itself so strongly to the minds of the most expert statisticians of the precious metals, it is not only proper but necessary to return to the usual practice, and make a new estimate of the silver product of the United States in 1892 on the same basis as for previous years.

The silver output of the United States in 1892 is based on the approximations contained in the two following tables:

I.—TABLE SHOWING THE APPROXIMATE SILVER PRODUCT OF THE MINES OF THE UNITED STATES DURING THE CALENDAR YEAR 1892.

| Items of the silver product of 1892. | Fine ounces. |
|---|---|
| Domestic product in fine silver bars reported by private refineries | 58,786,831 |
| Unrefined silver of domestic production deposited at mints and assay offices | 3,317,933 |
| Silver contained in domestic copper and argentiferous matte exported for reduction (approximate) | 1,439,802 |
| Approximate silver product for 1892 | 63,544,566 |

II.—TABLE SHOWING THE APPROXIMATE DISPOSITION OF THE SILVER PRODUCT OF THE MINES OF THE UNITED STATES DURING THE CALENDAR YEAR 1892.

| Disposition. | | Fine ounces. |
|---|---|---|
| Bullion deposited at mints and assay offices classified as of domestic production | | 57,272,382 |
| Domestic bullion (other than U. S. mint or assay office bars) exported from the United States (custom-house rating at commercial value, $19,237,677, corresponding at the average price of silver during the year, $0.875 per fine ounce) | | 21,985,916 |
| Silver contained in copper matte exported from the United States, silver contents not registered (approximate) | | 1,439,802 |
| Silver bars of domestic production furnished by private refineries to jewelers and manufacturers for industrial uses | | 1,482,915 |
| Total | | 82,181,015 |
| Deduct: | *Fine ounces.* | |
| Fine silver from private refineries in the United States deposited at the mints or entered at the custom-houses for exportation as of domestic production, but reported to this Bureau by the private refineries as derived from foreign ores | 14,923,318 | |
| Decrease in the approximate stock of silver bars (exclusive of any bars bearing the stamp of a United States mint or assay office) in the United States held by the Mercantile Safe Deposit Company and other institutions at the close of the calendar year 1892, according to information furnished the Bureau of the Mint | 3,831,472 | |
| | | 18,754,790 |
| Approximate domestic silver product for the calendar year 1892 | | 63,426,225 |

Taking the mean of the approximate silver product of the mines of the United States during the calendar year 1892, and of the approximate disposition of that product, gives the approximate silver output of the country in that year at 63,485,395 ounces, or, in round numbers, 63,500,000 ounces, of the commercial value of $55,562,500 and the coining value of $82,101,010.

It thus appears that the product of silver in the United States in 1892 exceeded that of 1891 (58,330,000 ounces) by 5,170,000 fine ounces, of the coining value of $6,684,444.

In what proportion this increase was distributed among the several States and Territories is shown in the following table, which gives the production of silver in each for 1891 and 1892, and exhibits the increase or decrease of the yield in each in the latter year.

STATEMENT SHOWING, BY STATES AND TERRITORIES, THE PRODUCTION OF SILVER IN THE UNITED STATES IN 1891 AND 1892, AND THE INCREASE OR DECREASE IN EACH YEAR.

| State or Territory. | 1891. | 1892. | Increase. | Decrease. |
|---|---|---|---|---|
| | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* |
| Alaska | 8,000 | 8,400 | 400 | ..... |
| Arizona | 1,480,000 | 1,161,900 | ..... | 318,100 |
| California | 750,000 | 392,200 | ..... | 357,800 |
| Colorado | 21,160,000 | 26,632,300 | 5,472,300 | ..... |
| Georgia | 400 | 400 | ..... | ..... |
| Idaho | 4,035,000 | 3,461,200 | ..... | 573,800 |
| Michigan | 73,000 | 65,600 | ..... | 7,400 |
| Montana | 16,350,000 | 19,038,800 | 2,688,800 | ..... |
| Nevada | 3,520,000 | 2,454,500 | ..... | 1,065,500 |
| New Mexico | 1,325,000 | 1,176,700 | ..... | 148,300 |
| North Carolina | 5,000 | 9,800 | 4,800 | ..... |
| Oregon | 230,000 | 54,200 | ..... | 175,800 |
| South Carolina | 500 | 400 | ..... | 100 |
| South Dakota | 100,000 | 58,100 | ..... | 41,900 |
| Texas | 375,000 | 328,100 | ..... | 46,900 |
| Utah | 3,750,000 | 3,490,800 | ..... | 259,200 |
| Washington | 165,000 | 165,700 | 700 | ..... |
| Alabama, Maryland, Tennessee, Vermont, Virginia, Wyoming | 3,100 | 900 | ..... | 2,200 |
| Total | 58,330,000 | 63,500,000 | 8,167,000 | 2,997,000 |
| Net increase | ..... | ..... | 5,170,000 | ..... |

PRODUCT OF GOLD AND SILVER REPORTED BY MINT OFFICERS AND AGENTS FOR THE INDIVIDUAL STATES AND TERRITORIES FOR THE CALENDAR YEAR 1892.

| State or Territory. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. | |
| Alabama | 116 | $2,393 | 20 | $26 | $2,419 |
| Alaska | 52,266 | 1,080,446 | 7,758 | 10,030 | 1,090,476 |
| Arizona | 56,965 | 1,177,577 | 1,062,220 | 1,373,375 | 2,550,952 |
| California | 608,166 | 12,571,900 | 358,567 | 463,602 | 13,035,502 |
| Colorado | 267,950 | 5,539,021 | 24,347,017 | 31,478,972 | 37,017,993 |
| Georgia | 4,583 | 94,734 | 400 | 517 | 95,251 |
| Idaho | 83,271 | 1,721,364 | 3,164,269 | 4,091,176 | 5,812,540 |
| Maryland | 48 | 995 | 4 | 5 | 1,000 |
| Michigan | 3,386 | 70,000 | 60,000 | 77,576 | 147,576 |
| Montana | 143,508 | 2,966,572 | 17,405,093 | 22,503,555 | 25,470,127 |
| Nevada | 76,021 | 1,571,500 | 2,243,897 | 2,901,200 | 4,472,700 |
| New Mexico | 46,400 | 959,176 | 1,075,740 | 1,390,856 | 2,350,032 |
| North Carolina | 3,800 | 78,560 | 9,000 | 11,636 | 90,196 |
| Oregon | 72,165 | 1,491,781 | 49,562 | 64,080 | 1,555,861 |
| South Carolina | 5,968 | 123,365 | 400 | 517 | 123,882 |
| South Dakota | 190,718 | 3,942,495 | 53,187 | 68,767 | 4,011,262 |
| Tennessee | 48 | 1,000 | 5 | 6 | 1,006 |
| Texas | ..... | ..... | 300,000 | 387,879 | 387,879 |
| Utah | 31,936 | 660,175 | 7,762,257 | 10,036,050 | 10,696,225 |
| Virginia | 240 | 4,970 | 25 | 32 | 5,002 |
| Washington | 18,071 | 373,553 | 151,554 | 195,949 | 569,502 |
| Total | 1,665,626 | 34,431,577 | 58,050,975 | 75,055,806 | 109,487,383 |

APPROXIMATE DISTRIBUTION BY PRODUCING STATES AND TERRITORIES OF THE PRODUCT OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1892, AS ESTIMATED BY THE DIRECTOR OF THE MINT.

| State or Territory. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. | |
| Alaska | 48,375 | $1,000,000 | 8,400 | $10,860 | $1,010,860 |
| Arizona | 51,761 | 1,070,000 | 1,161,900 | 1,502,255 | 2,572,255 |
| California | 580,500 | 12,000,000 | 392,200 | 507,087 | 12,507,087 |
| Colorado | 256,387 | 5,300,000 | 26,632,300 | 34,433,681 | 39,733,681 |
| Georgia | 4,583 | 94,734 | 400 | 517 | 95,251 |
| Idaho | 83,271 | 1,721,364 | 3,461,200 | 4,475,087 | 6,196,451 |
| Michigan | 3,386 | 70,000 | 65,600 | 84,816 | 154,816 |
| Montana | 139,871 | 2,891,386 | 19,038,800 | 24,615,822 | 27,507,208 |
| Nevada | 76,021 | 1,571,500 | 2,454,500 | 3,173,495 | 4,744,995 |
| New Mexico | 45,956 | 950,000 | 1,176,700 | 1,521,390 | 2,471,390 |
| North Carolina | 3,800 | 78,560 | 9,800 | 12,671 | 91,231 |
| Oregon | 67,725 | 1,400,000 | 54,200 | 70,077 | 1,470,077 |
| South Carolina | 5,968 | 123,365 | 400 | 517 | 123,882 |
| South Dakota | 178,987 | 3,700,000 | 58,100 | 75,119 | 3,775,119 |
| Texas | ..... | ..... | 328,100 | 424,210 | 424,210 |
| Utah | 31,936 | 660,175 | 8,490,800 | 10,978,004 | 11,638,179 |
| Washington | 18,071 | 373,561 | 165,700 | 214,238 | 587,799 |
| Alabama, Maryland, Tennessee, Virginia, Vermont, Wyoming | 500 | 10,336 | 900 | 1,164 | 11,500 |
| Total | 1,597,098 | 33,014,981 | 63,500,000 | 82,101,010 | 115,115,991 |

*PRODUCTION OF SILVER IN THE UNITED STATES IN 1893.*

The production of silver in the United States in the calendar year 1893 amounted, in round numbers, to 60,000,000 fine ounces, of the commercial value, at the average price of an ounce fine of silver during the year ($0.78 per ounce), of $46,800,000 and the coining value of $77,575,757.

As compared with 1892, there was, therefore, a falling off in the silver output of the country in 1893 of 3,500,000 ounces, of the coining value of $4,525,253.

The items entering into the estimate of the country's output of silver in 1893 will be found in the two tables given below, on which the calculation of the product of that year is based:

I.—TABLE SHOWING THE APPROXIMATE SILVER PRODUCT OF THE MINES OF THE UNITED STATES DURING THE CALENDAR YEAR 1893.

| Items of the silver product, 1893. | Fine ounces. |
|---|---|
| Domestic product in fine silver bars reported by private refineries | 55,923,871 |
| Unrefined silver of domestic production deposited at mints and assay offices | 2,761,989 |
| Silver contained in domestic copper and argentiferous matter exported for reduction (approximate) | 1,413,876 |
| Approximate silver product for 1893 | 60,099,736 |

II.—TABLE SHOWING THE APPROXIMATE DISPOSITION OF THE SILVER PRODUCT OF THE MINES OF THE UNITED STATES DURING THE CALENDAR YEAR 1893.

| Disposition. | | Fine ounces. |
|---|---|---|
| Bullion deposited at mints and assay offices classified as of domestic production | | 41,152,695 |
| Domestic bullion (other than United States mint or assay office bars) exported from the United States (custom-house rating at commercial value $31,599,867, corresponding at average price of silver during the year, $0.78 per fine ounce) | | 40,512,650 |
| Silver contained in copper matte exported from the United States, silver contents not registered (approximate) | | 1,413,876 |
| Silver bars of domestic production furnished by private refineries to jewelers and manufacturers for industrial uses | | 1,482,212 |
| Total | | 84,561,433 |
| Deduct: | *Fine ounces.* | |
| Fine silver from private refineries in the United States deposited at the mints or entered at the custom-houses for exportation as of domestic production, but reported to this Bureau by the private refineries as derived from foreign ores | 23,221,811 | |
| Decrease in the approximate stock of silver bars (exclusive of any bars bearing the stamp of a United States mint or assay office) in the United States held by the Mercantile Safe Deposit Company and other institutions at the close of the calendar year 1893, according to information furnished the Bureau of the Mint | *1,413,155 | |
| | | 24,634,966 |
| Approximate domestic silver product for the calendar year 1893 | | 59,926,467 |

* This item has been deducted, because the amount of silver bars which was taken from the Mercantile Safe Deposit Company and other institutions was either deposited at the mints and assay offices or exported from the United States, and consequently is embraced in the first or second item in the above table of the approximate disposition of the silver product of the mines of the United States in the calendar year 1893. It was deducted for a like reason in the table showing the disposition of the silver output of the Union in 1892.

The mean of this approximate silver product of 1893, and this approximate disposition of such product, i. e., 60,013,076, or in round numbers 60,000,000 fine ounces, of the commercial value of $46,800,000, and the coining value of $77,575,757 is, as stated above, adopted as the Bureau's estimate of the silver yield of the mines of the United States during the calendar year 1893.

In what proportion the several silver-producing States and Territories of the Union contributed to the decline in the country's output of the white metal in 1893 of 3,500,000 ounces, of the coining value of $4,525,253 is shown in the table given below:

TABLE SHOWING THE PRODUCT OF SILVER IN THE SEVERAL STATES AND TERRITORIES OF THE UNION IN 1892 AND 1893, AND THE INCREASE OR DECREASE OF THE PRODUCTION OF EACH IN THE LATTER YEAR.

| State or Territory. | 1892. | 1893. | Increase. | Decrease. |
|---|---|---|---|---|
| | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* |
| Alaska | 8,400 | 9,600 | 1,200 | ..... |
| Arizona | 1,161,900 | 2,935,700 | 1,773,800 | ..... |
| California | 392,200 | 470,100 | 77,900 | ..... |
| Colorado | 26,632,300 | 25,838,600 | ..... | 793,700 |
| Georgia | 400 | 500 | 100 | ..... |
| Idaho | 3,461,200 | 3,910,700 | 449,500 | ..... |
| Michigan | 65,600 | 43,500 | ..... | 22,100 |
| Montana | 19,038,800 | 16,906,400 | ..... | 2,132,400 |
| Nevada | 2,454,500 | 1,561,300 | ..... | 893,200 |
| New Mexico | 1,176,700 | 458,400 | ..... | 718,300 |
| North Carolina | 9,800 | 13,400 | 3,600 | ..... |
| Oregon | 54,200 | 11,800 | ..... | 42,400 |
| South Carolina | 400 | 500 | 100 | ..... |
| South Dakota | 58,100 | 140,400 | 82,300 | ..... |
| Texas | 328 100 | 349,400 | 21,300 | ..... |
| Utah | 8,490,800 | 7,196,300 | ..... | 1,294,500 |
| Washington | 165,700 | 152,700 | ..... | 13,000 |
| Alabama, Maryland, Tennessee, Vermont, Virginia, Wyoming | 900 | 700 | ..... | 200 |
| Total | 63,500,000 | 60,000,000 | 2,409,800 | 5,909,800 |
| Net decrease | ..... | ..... | ..... | 3,500,000 |

The production of silver in the United States reached its highest figure in the calendar year 1892, as is evidenced by the following table of the silver output of the mines of the country for the years 1873–1893, inclusive:

PRODUCT OF SILVER FROM MINES IN THE UNITED STATES, 1873–1893.

| Calendar years. | Fine ounces. | Commercial value. | Coining value. |
|---|---|---|---|
| 1873 | 27,650,000 | $35,750,000 | $35,750,000 |
| 1874 | 28,849,000 | 36,869,000 | 37,300,000 |
| 1875 | 24,518,000 | 30,549,000 | 31,700,000 |
| 1876 | 30,009,000 | 34,690,000 | 38,800,000 |
| 1877 | 30,783,000 | 36,970,000 | 39,800,000 |
| 1878 | 34,960,000 | 40,270,000 | 45,200,000 |
| 1879 | 31,550,000 | 35,430,000 | 40,800,000 |
| 1880 | 30,320,000 | 34,720,000 | 39,200,000 |
| 1881 | 33,260,000 | 37,850,000 | 43,000,000 |
| 1882 | 36,200,000 | 41,120,000 | 46,800,000 |
| 1883 | 35,730,000 | 39,660,000 | 46,200,000 |
| 1884 | 37,800,000 | 42,070,000 | 48,800,000 |
| 1885 | 39,910,000 | 42,500,000 | 51,600,000 |
| 1886 | 39,440,000 | 39,230,000 | 51,000,000 |
| 1887 | 41,260,000 | 40,410,000 | 53,350,000 |
| 1888 | 45,780,000 | 43,020,000 | 59,195,000 |
| 1889 | 50,000,000 | 46,750,000 | 64,646,000 |
| 1890 | 54,500,000 | 57,225,000 | 70,465,000 |
| 1891 | 58,330,000 | 57,630,000 | 75,417,000 |
| 1892 | 63,500,000 | 55,563,000 | 82,101,000 |
| 1893 | 60,000,000 | 46,800,000 | 77,576,000 |

APPROXIMATE DISTRIBUTION BY PRODUCING STATES AND TERRITORIES OF THE PRODUCT OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1893, AS ESTIMATED BY THE DIRECTOR OF THE MINT.

| State or Territory. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. | |
| Alaska | 48,863 | $1,010,100 | 9,600 | $12,412 | $1,022,513 |
| Arizona | 57,286 | 1,184,200 | 2,935,700 | 3,795,652 | 4,979,852 |
| California | 584,370 | 12,080,000 | 470,100 | 607,906 | 12,687,906 |
| Colorado | 364,119 | 7,527,000 | 25,838,600 | 33,407,483 | 40,932,483 |
| Georgia | 4,702 | 97,200 | 500 | 646 | 97,846 |
| Idaho | 79,669 | 1,646,900 | 3,910,700 | 5,056,259 | 6,703,159 |
| Michigan | 2,032 | 42,000 | 43,500 | 56,242 | 98,242 |
| Montana | 172,989 | 3,576,000 | 16,906,400 | 21,858,780 | 25,433,780 |
| Nevada | 46,367 | 958,500 | 1,561,300 | 2,018,651 | 2,977,151 |
| New Mexico | 44,171 | 913,100 | 458,400 | 592,679 | 1,505,779 |
| North Carolina | 2,593 | 53,600 | 13,400 | 17,325 | 70,925 |
| Oregon | 79,592 | 1,645,300 | 11,800 | 15,257 | 1,659,557 |
| South Carolina | 5,998 | 124,000 | 500 | 646 | 124,646 |
| South Dakota | 193,809 | 4,006,400 | 140,400 | 181,527 | 4,188,927 |
| Texas | | | 349,400 | 451,750 | 451,750 |
| Utah | 41,293 | 853,600 | 7,196,300 | 9,304,307 | 10,157,907 |
| Washington | 10,744 | 222,100 | 152,700 | 197,430 | 419,530 |
| Alabama, Maryland, Tennessee, Virginia, Vermont, Wyoming | 726 | 15,000 | 700 | 905 | 15,905 |
| Total | 1,739,323 | 35,955,000 | 60,000,000 | 77,575,757 | 113,535,757 |

AGGREGATE PRODUCT OF GOLD AND SILVER REPORTED BY MINT OFFICERS AND AGENTS FOR THE INDIVIDUAL STATES AND TERRITORIES, 1893.

| State or Territory. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. | |
| Alabama | .303 | $6,259 | 80 | $103 | $6,362 |
| Alaska | 50,253 | 1,038,824 | 8,495 | 10,984 | 1,049,808 |
| Arizona | 58,911 | 1,217,800 | 2,594,131 | 3,354,028 | 4,571,828 |
| California | 600,953 | 12,422,812 | 415,458 | 537,158 | 12,959,970 |
| Colorado | 374,354 | 7,738,584 | 22,831,691 | 29,519,762 | 37,258,346 |
| Georgia | 4,836 | 99,975 | 309 | 400 | 100,375 |
| Idaho | 81,930 | 1,693,643 | 3,455,662 | 4,467,927 | 6,161,570 |
| Maryland | 5 | 114 | ..... | ..... | 114 |
| Michigan | 2,130 | 44,038 | 38,500 | 49,778 | 93,816 |
| Montana | 177,849 | 3,676,479 | 14,938,987 | 19,315,054 | 22,991,533 |
| Nevada | 47,683 | 985,700 | 1,379,658 | 1,783,800 | 2,769,500 |
| New Mexico | 45,424 | 939,000 | 405,049 | 523,700 | 1,462,700 |
| North Carolina | 2,666 | 55,109 | 11,908 | 15,396 | 70,505 |
| Oregon | 81,800 | 1,690,951 | 10,485 | 13,557 | 1,704,508 |
| South Carolina | 6,171 | 127,562 | 332 | 429 | 127,991 |
| South Dakota | 199,261 | 4,119,083 | 124,124 | 160,483 | 4,279,566 |
| Tennessee | 12 | 249 | 1 | 1 | 250 |
| Texas | 129 | 2,662 | 308,718 | 399,150 | 401,812 |
| Utah | 42,466 | 877,850 | 6,358,877 | 8,221,578 | 9,099,428 |
| Virginia | 298 | 6,160 | 23 | 30 | 6,190 |
| Washington | 11,048 | 228,394 | 134,961 | 174,495 | 402,889 |
| Total | 1,788,482 | 36,971,248 | 53,017,449 | 68,547,813 | 105,519,061 |

DISTRIBUTION OF THE SILVER PRODUCT OF THE UNITED STATES FOR THE CALENDAR YEAR 1893 AS TO THE SOURCES OF PRODUCTION.

| States and Territories. | Fine ounces in— | | | Total. |
|---|---|---|---|---|
| | Quartz and milling ores. | Lead ores. | Copper ores. | |
| Arizona | 1,852,200 | 812,900 | 270,600 | 2,935,700 |
| California | 420,200 | 49,900 | ..... | 470,100 |
| Colorado | 11,627,400 | 12,660,900 | 1,550,300 | 25,838,600 |
| Idaho | 1,035,000 | 2,884,600 | ..... | 3,919,600 |
| Montana | 9,016,900 | 2,427,200 | 5,500,900 | 16,945,000 |
| Nevada | 1,436,300 | 125,000 | ..... | 1,561,300 |
| New Mexico | 153,100 | 306,300 | ..... | 459,400 |
| Utah | 1,800,000 | 5,146,300 | 350,000 | 7,196,300 |
| All others | 300,000 | 300,000 | 74,000 | 674,000 |
| Total | 27,841,100 | 24,713,100 | 7,645,800 | 60,000,000 |

APPROXIMATE DISTRIBUTION, IN ROUND NUMBERS, BY STATES AND TERRITORIES, OF THE ESTIMATED TOTAL PRODUCT OF PRECIOUS METALS IN THE UNITED STATES FOR THE CALENDAR YEARS 1892 AND 1893.

| States and Territories. | 1892. | | | 1893. | | |
|---|---|---|---|---|---|---|
| | Gold. | Silver. | Total. | Gold. | Silver. | Total. |
| Alaska | $1,000,000 | $10,860 | $1,010,860 | $1,010,100 | $12,412 | $1,022,512 |
| Arizona | 1,070,000 | 1,502,255 | 2,572,255 | 1,184,200 | 3,795,652 | 4,979,852 |
| California | 12,000,000 | 507,087 | 12,507,087 | 12,080,000 | 607,806 | 12,687,806 |
| Colorado | 5,300,000 | 34,433,681 | 39,733,681 | 7,527,000 | 33,407,483 | 40,932,483 |
| Georgia | 94,734 | 517 | 95,251 | 97,200 | 646 | 97,846 |
| Idaho | 1,721,364 | 4,475,087 | 6,196,451 | 1,646,900 | 5,056,259 | 6,703,159 |
| Michigan | 70,000 | 84,816 | 154,816 | 42,000 | 56,242 | 98,242 |
| Montana | 2,891,386 | 24,615,822 | 27,507,208 | 3,576,000 | 21,858,780 | 25,433,780 |
| Nevada | 1,571,500 | 3,173,495 | 4,744,995 | 958,500 | 2,018,651 | 2,977,151 |
| New Mexico | 950,000 | 1,521,390 | 2,471,390 | 913,100 | 592,679 | 1,505,779 |
| North Carolina | 78,560 | 12,671 | 91,231 | 53,600 | 17,325 | 70,925 |
| Oregon | 1,400,000 | 70,077 | 1,470,077 | 1,645,300 | 15,257 | 1,659,557 |
| South Carolina | 123,365 | 517 | 123,882 | 124,000 | 646 | 124,646 |
| South Dakota | 3,700,000 | 75,119 | 3,775,119 | 4,006,400 | 181,527 | 4,186,927 |
| Texas | ..... | 424,210 | 424,210 | ..... | 451,750 | 451,750 |
| Utah | 660,175 | 10,978,004 | 11,638,179 | 853,600 | 9,304,307 | 10,157,907 |
| Washington | 373,561 | 214,238 | 587,799 | 222,100 | 197,430 | 419,530 |
| Alabama, Maryland, Tennessee, Virginia, Vermont, Wyoming | 10,336 | 1,164 | 11,500 | 15,000 | 905 | 15,905 |
| Total | 33,014,981 | 82,101,010 | 115,115,991 | 35,955,000 | 77,575,757 | 113,525,757 |

TABLE SHOWING THE WEIGHT OF THE DEPOSITS AND REDEPOSITS OF GOLD BULLION AT THE MINTS AND ASSAY OFFICES OF THE UNITED STATES DURING THE CALENDAR YEARS 1892 AND 1893 AND THE INCREASE OR DECREASE OF THE SAME DURING THE LATTER YEAR.

| Classification of deposits of gold bullion. | Calendar year. | | Increase, 1893. | Decrease, 1893. | Net increase, 1893. |
|---|---|---|---|---|---|
| | 1892. | 1893. | | | |
| Domestic production: | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* |
| Crude bullion | 673,698 | 656,469 | ..... | 17,229 | ..... |
| Refined bullion | 892,097 | 1,087,755 | 195,658 | ..... | ..... |
| Domestic coin | 27,009 | 83,106 | 56,097 | ..... | ..... |
| Foreign bullion | 114,202 | 746,670 | 632,468 | ..... | ..... |
| Foreign coin | 315,375 | 608,942 | 293,567 | ..... | ..... |
| Jewelers' bars, old plate, etc | 174,165 | 175,212 | 1,047 | ..... | ..... |
| Total original deposits | 2,196,546 | 3,358,154 | 1,178,837 | 17,229 | 1,161,608 |
| Redeposits: | | | | | |
| Fine bars | ..... | 1,484,425 | 1,484,425 | ..... | ..... |
| Unparted bars | 216,821 | 300,321 | 83,500 | ..... | ..... |
| Totals | 2,413,367 | 5,142,900 | 2,746,762 | 17,229 | 2,729,533 |

TABLE SHOWING THE VALUE OF THE DEPOSITS AND REDEPOSITS OF GOLD BULLION AT THE MINTS AND ASSAY OFFICES OF THE UNITED STATES DURING THE CALENDAR YEARS 1892 AND 1893 AND THE INCREASE OR THE DECREASE OF THE SAME DURING THE LATTER YEAR.

| Classification of deposits of gold bullion. | Calendar year. | | Increase, 1893. | Decrease, 1893. | Net increase, 1893. |
|---|---|---|---|---|---|
| | 1892. | 1893. | | | |
| Domestic production: | | | | | |
| Crude bullion | $13,926,568 | $13,570,412 | ..... | $356,156 | ..... |
| Refined bullion | 18,441,285 | 22,485,894 | $4,044,609 | ..... | ..... |
| Domestic coin | 558,334 | 1,717,957 | 1,159,623 | ..... | ..... |
| Foreign bullion | 2,360,754 | 15,435,039 | 13,074,285 | ..... | ..... |
| Foreign coin | 6,519,392 | 12,587,958 | 6,068,566 | ..... | ..... |
| Jewelers' bars, old plate, etc | 3,600,313 | 3,621,963 | 21,650 | ..... | ..... |
| Total original deposits | 45,406,646 | 69,419,223 | 24,368,733 | 356,156 | $24,012,577 |
| Redeposits: | | | | | |
| Fine bars | ..... | 30,685,792 | 30,685,792 | ..... | ..... |
| Unparted bars | 4,482,087 | 6,208,165 | 1,760,078 | ..... | ..... |
| Totals | 49,888,733 | 106,313,180 | 56,814,603 | 356,156 | 56,458,447 |

TABLE SHOWING THE WEIGHT OF THE DEPOSITS AND REDEPOSITS OF SILVER BULLION AT THE MINTS AND ASSAY OFFICES OF THE UNITED STATES DURING THE CALENDAR YEARS 1892 AND 1893 AND THE INCREASE OR DECREASE OF THE SAME DURING THE LATTER YEAR.

| Classification of deposits of silver bullion. | Calendar year. | | Increase, 1893. | Decrease, 1893. | Net decrease, 1893. |
|---|---|---|---|---|---|
| | 1892. | 1893. | | | |
| Domestic production: | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* |
| Crude bullion | 3,317,933 | 2,761,938 | ..... | 555,995 | ..... |
| Refined bullion | 53,954,449 | 38,390,757 | ..... | 15,563,692 | ..... |
| Domestic coin | 5,835,686 | 4,129,614 | ..... | 1,706,072 | ..... |
| Trade dollars | 763 | 333 | ..... | 430 | ..... |
| Foreign bullion | 1,624,172 | 1,637,744 | 13,572 | ..... | ..... |
| Foreign coin | 139,360 | 841,373 | 702,013 | ..... | ..... |
| Jewelers' bars, old plate, etc | 554,183 | 551,018 | ..... | 3,165 | ..... |
| Total original deposits | 65,426,546 | 48,312,777 | 715,585 | 17,829,354 | 17,113,769 |
| Redeposits: | | | | | |
| Fine bars | 54,468 | 252,177 | 197,709 | ..... | ..... |
| Unparted bars | 254,291 | 800,617 | 546,326 | ..... | ..... |
| Totals | 65,735,305 | 49,365,571 | 1,459,620 | 17,829,354 | 16,369,734 |

TABLE SHOWING THE COINING VALUE OF THE DEPOSITS AND REDEPOSITS OF SILVER BULLION AT THE MINTS AND ASSAY OFFICES OF THE UNITED STATES DURING THE CALENDAR YEARS 1892 AND 1893 AND THE INCREASE OR DECREASE OF THE SAME DURING THE LATTER YEAR.

| Classification of deposits of silver bullion. | Calendar year. | | Increase, 1893. | Decrease, 1893. | Net decrease, 1893. |
|---|---|---|---|---|---|
| | 1892. | 1893. | | | |
| Domestic production: | | | | | |
| Crude bullion | $4,289,853 | $3,570,991 | | $718,862 | |
| Refined bullion | 69,759,288 | 49,636,534 | | 20,122,754 | |
| Domestic coin | 7,545,129 | 5,339,299 | | 2,205,830 | |
| Trade dollars | 986 | 431 | | 555 | |
| Foreign bullion | 2,099,940 | 2,117,488 | $17,548 | | |
| Foreign coin | 180,182 | 1,087,835 | 907,653 | | |
| Jewelers' bars, old plate, etc | 716,520 | 712,427 | | 4,093 | |
| Total original deposits | 84,591,898 | 62,465,005 | 925,201 | 23,052,094 | $22,126,893 |
| Redeposits: | | | | | |
| Fine bars | 70,423 | 326,047 | 255,624 | | |
| Unparted bars | 328,780 | 1,035,141 | 706,361 | | |
| Totals | 84,991,101 | 63,826,193 | 1,887,186 | 23,052,094 | 21,164,908 |

GOLD AND SILVER (NOT INCLUDING REDEPOSITS) RECEIVED AT THE MINTS AND ASSAY OFFICES DURING THE CALENDAR YEARS 1880–1893.

| Calendar years. | Gold. | Silver (coining value). | Total. |
|---|---|---|---|
| 1880 | $100,278,703 | $35,103,825 | $135,382,528 |
| 1881 | 98,763,426 | 30,326,848 | 129,090,274 |
| 1882 | 41,921,263 | 35,161,254 | 77,082,517 |
| 1883 | 51,089,456 | 36,978,184 | 88,067,640 |
| 1884 | 50,518,179 | 36,670,731 | 87,188,910 |
| 1885 | 44,714,052 | 35,836,725 | 80,550,777 |
| 1886 | 66,422,088 | 39,086,070 | 105,508,158 |
| 1887 | 74,724,077 | 46,381,333 | 121,105,410 |
| 1888 | 41,496,410 | 41,323,973 | 82,820,383 |
| 1889 | 42,599,216 | 41,977,265 | 84,576,471 |
| 1890 | 48,767,964 | 55,198,037 | 103,966,001 |
| 1891 | 60,849,552 | 70,994,120 | 140,843,672 |
| 1892 | 45,406,646 | 84,591,898 | 129,998,544 |
| 1893 | 69,419,223 | 62,465,005 | 131,884,228 |

*PURCHASES OF SILVER.*

The amount of silver bullion offered for sale to the Government from January 1 to November 1, 1893 (the date of the repeal of the purchasing clause of the act of July 14, 1890), aggregated 71,870,700 fine ounces. Of this amount there were purchased 38,895,360.20 fine ounces, at a cost of $31,278,573.07, the average price paid being $0.804 per fine ounce.

The amount and cost of silver bullion purchased by the Government,

delivered at the respective mints from January 1 to November 1, 1893, is set forth in the following table:

DELIVERIES ON PURCHASES OF SILVER DURING THE CALENDAR YEAR 1893, ACT JULY 14, 1890.

| Mints. | Fine ounces. | Cost. |
|---|---|---|
| Philadelphia | 30,512,717.50 | $24,575,646.15 |
| San Francisco | 3,819,498.20 | 3,067,235.75 |
| New Orleans | 3,815,065.34 | 3,042,894.31 |
| Carson | 748,079.16 | 592,796.86 |
| Total | 38,895,360.20 | 31,278,573.07 |

The total amount of silver bullion purchased under the act of July 14, 1890, *i. e.*, from August 13, 1890 (the date the act went into effect), to November 1, 1893 (the date of its repeal), was 168,674,682.53 fine ounces, costing $155,931,002.25, the average cost per ounce being $0.924.

Of the total amount of silver purchased under the act of July 14, 1890, there were used in the coinage of 36,087,512 silver dollars 27,911,454.57 fine ounces, costing $29,110,345.52.

The amount wasted by the operative officers and sold in sweeps aggregated 63,570.37 fine ounces, costing $62,535.64, leaving a balance on hand January 1, 1894, of 140,699,677.09 fine ounces, costing $126,758,121.09, the coining value of the same in silver dollars being $181,914,734.

Since the repeal of the purchasing clause of the act of July 14, 1890, the Government has continued to purchase the silver contained in gold deposits, mutilated silver coin, and the amount received in payment of charges on silver deposits, all for the subsidiary silver coinage. For the months of November and December, 1893, the amounts from these sources aggregated 16,915.31 fine ounces, costing $11,356.79.

TABLE SHOWING THE WEIGHT OF THE DELIVERIES AND PURCHASES OF SILVER BULLION AT THE MINTS OF THE UNITED STATES DURING THE CALENDAR YEARS 1892 AND 1893 AND THE DECREASE OF THE SAME IN THE LATTER YEAR.

| Mints. | Calendar year. | | Decrease, 1893. |
|---|---|---|---|
| | 1892. | 1893. | |
| | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* |
| Philadelphia | 43,831,635.88 | 30,512,717.52 | 13,318,918.36 |
| San Francisco | 4,221,779.36 | 3,819,498.20 | 402,281.16 |
| New Orleans | 4,909,182.15 | 3,815,065.34 | 1,094,116.81 |
| Carson | 1,167,130.21 | 748,079.15 | 419,051.06 |
| Total | 54,129,727.60 | 38,895,360.21 | 15,234,367.39 |

TABLE SHOWING THE COST OF THE DELIVERIES AND PURCHASES OF SILVER BULLION AT THE MINTS OF THE UNITED STATES DURING THE CALENDAR YEARS 1892 AND 1893, AND THE DECREASE OF THE SAME IN THE LATTER YEAR.

| Mints. | Calendar year. | | Decrease, 1893. |
|---|---|---|---|
| | 1892. | 1893. | |
| Philadelphia | $38,307,235.42 | $24,575,646.15 | $13,731,589.27 |
| San Francisco | 3,765,164.91 | 3,067,235.75 | 697,929.16 |
| New Orleans | 4,300,454.58 | 3,042,894.31 | 1,257,560.27 |
| Carson | 1,021,436.93 | 592,796.86 | 428,640.07 |
| Total | 47,394,291.84 | 31,278,573.07 | 16,115,718.77 |

TABLE SHOWING THE WEIGHT, COST, AND AVERAGE PRICE PER FINE OUNCE OF THE SILVER PURCHASED BY THE UNITED STATES UNDER THE ACTS OF FEBRUARY 12, 1873, JANUARY 14, 1875, FEBRUARY 28, 1878, AND JULY 14, 1890.

| Act authorizing. | Fine ounces. | Cost. | Average cost per ounce. |
|---|---|---|---|
| February 12, 1873 | 5,434,282 | $7,152,564 | $1.314 |
| January 14, 1875 | 31,603,906 | 37,571,148 | 1.189 |
| February 28, 1878 | 291,272,019 | 308,279,261 | 1.058 |
| July 14, 1890 | 168,674,682 | 155,931,002 | .924 |
| Total | 496,984,889 | 508,933,975 | 1.024 |

The two following tables exhibit the amount and cost of silver bullion purchased each year under the acts of February 28, 1878, and July 14, 1890, the average price paid, and the bullion value of the standard silver dollar:

AMOUNT, COST, AVERAGE PRICE, AND BULLION VALUE OF THE SILVER DOLLAR OF SILVER PURCHASED UNDER ACT OF FEBRUARY 28, 1878.

| Fiscal year. | Fine ounces. | Cost. | Average price per fine ounce. | Bullion value of a silver dollar. |
|---|---|---|---|---|
| 1878 | 10,809,350.58 | $13,023,268.96 | $1.2048 | $0.9318 |
| 1879 | 19,248,086.09 | 21,593,642.99 | 1.1218 | .8676 |
| 1880 | 22,057,862.64 | 25,235,081.53 | 1.1440 | .8848 |
| 1881 | 19,709,227.11 | 22,327,874.75 | 1.1328 | .8761 |
| 1882 | 21,190,200.87 | 24,054,480.47 | 1.1351 | .8779 |
| 1883 | 22,889,241.24 | 25,577,327.58 | 1.1174 | .8642 |
| 1884 | 21,922,951.52 | 24,378,383.91 | 1.1120 | .8600 |
| 1885 | 21,791,171.61 | 23,747,460.25 | 1.0897 | .8428 |
| 1886 | 22,690,652.94 | 23,448,960.01 | 1.0334 | .7992 |
| 1887 | 26,490,006.04 | 25,968,620.46 | .9810 | .7587 |
| 1888 | 25,386,125.32 | 24,237,553.20 | .9547 | .7384 |
| 1889 | 26,468,861.03 | 24,717,853.81 | .9338 | .7222 |
| 1890 | 27,820,900.05 | 26,899,826.88 | .9668 | .7477 |
| 1891 | 2,797,379.52 | 3,049,426.46 | 1.0901 | .8431 |
| Total | 291,272,018.56 | 308,279,260.71 | 1.0583 | .8185 |

AMOUNT, COST, AVERAGE PRICE, AND BULLION VALUE OF THE SILVER DOLLAR OF SILVER PURCHASED UNDER ACT OF JULY 14, 1890.

| Fiscal year. | Fine ounces. | Cost. | Average price per fine ounce. | Bullion value of a silver dollar. |
|---|---|---|---|---|
| 1891 | 48,393,113.05 | $50,577,498.44 | $1.0451 | $0.8083 |
| 1892 | 54,355,748.10 | 51,106,607.96 | .9402 | .7271 |
| 1893 | 54,008,162.60 | 45,531,374.53 | .8430 | .6520 |
| 1894 | 11,917,658.78 | 8,715,521.32 | .7313 | .5656 |
| Total | 168,674,682.53 | 155,931,002.25 | .9244 | .7150 |

AMOUNT, COST, AVERAGE PRICE, AND BULLION VALUE OF THE SILVER DOLLAR OF SILVER PURCHASED UNDER ACTS OF FEBRUARY 28, 1878, AND JULY 14, 1890.

RECAPITULATION.

| Acts. | Fine ounces. | Cost. | Average price per fine ounce. | Bullion value of a silver dollar. |
|---|---|---|---|---|
| Act 1878 | 291,272,018.56 | $308,279,260.71 | $1.0583 | $0.8185 |
| Act 1890 | 168,674,682.53 | 155,931,002.25 | .9244 | .7150 |
| Total | 459,946,701.09 | 464,210,262.96 | 1.0093 | .7806 |

The balance of silver purchased under the act of July 14, 1890, on hand at each mint January 1, 1894, is exhibited in the following table

| Mints. | Fine ounces. | Cost. |
|---|---|---|
| Philadelphia | 118,992,451.46 | $107,703,017.31 |
| San Francisco | 11,086,924.81 | 10,751,277.59 |
| New Orleans | 8,984,898.95 | 7,715,082.89 |
| Carson | 735,401.87 | 588,743.30 |
| Total | 140,699,677.09 | 126,758,121.09 |

COINAGE EXECUTED IN THE UNITED STATES, CALENDAR YEAR 1893.

| Description. | Pieces. | Value. |
|---|---|---|
| Gold | 5,324,464 | $56,997,020.00 |
| Silver dollars | 1,455,792 | 1,455,792.00 |
| Subsidiary silver coin | 25,935,440 | 7,347,005.30 |
| Minor coin | 60,012,390 | 1,134,931.70 |
| Total | 92,728,086 | 66,934,749.00 |

BARS MANUFACTURED, CALENDAR YEAR 1893.

| Description. | Gold. | Silver. |
|---|---|---|
| Fine bars | $28,284,228 | $6,953,952 |
| Mint bars | 12,434,171 | 117,720 |
| Standard bars | 2,507,132 | 50,841 |
| Unparted bars | 4,635,117 | 1,047,993 |
| Total | 47,860,648 | 8,170,506 |

*IMPORTS AND EXPORTS OF THE PRECIOUS METALS.*

*Gold.*—During the calendar year 1893, foreign gold bullion of the value of $14,700,847 was imported into the United States, of which amount $8,347,623 came from England, $2,357,565 from Germany, $1,566,728 from Mexico, $886,282 from France, $403,475 from Colombia, $337,690 from Australia, $296,205 from British Columbia, $143,810 from Nicaragua, $103,264 from Cuba, and the remainder from various countries, principally from Central and South American states.

Foreign gold coins of the value of $23,439,868 were imported. Of this amount $7,347,347 came from France, $6,503,124 from Cuba, $5,661,409 from England, $2,087,196 from Germany, $1,387,398 from Australia, $265,315 from Mexico, $101,036 from the West Indies, and the remainder from states in Central and South America.

Foreign gold ores of the invoiced value of $518,186 were imported for reduction, all of which came from Mexico, except about $10,000 worth, which came from Quebec and Ontario.

United States gold coins returned during the year were valued at $34,621,674. Of this amount $16,437,556 came from England, $8,954,420 from Germany, $4,502,681 from Quebec and Ontario, $2,139,606 from France, $851,263 from Venezuela, $669,879 from the West Indies, $263,149 from Cuba, $203,560 from China, $149,522 from Mexico, $130,276 from Haiti, $143,982 from Colombia, and the remainder principally from Central American states.

The following table shows that the total imports of gold for the calendar year 1893 were $73,280,575:

GOLD IMPORTS, 1893.

| Items. | Amount. |
|---|---|
| Foreign bullion | $14,700,847 |
| Foreign coin | 23,439,868 |
| Foreign ores | 518,186 |
| Total foreign | 38,658,901 |
| United States coin | 34,621,674 |
| Total imports | 73,280,575 |

The export of United States gold bars bearing the stamp of a U. S. mint or assay office was $96,905, all of which was shipped to Quebec and Ontario. Other domestic gold bullion of the value of $182,690 was exported, of which $159,237 went to England, $20,994 to Quebec and Ontario, and $2,459 to Hongkong.

United States gold coins of the value of $71,995,129 were exported, of which $26,135,500 were shipped to Germany, $19,693,900 to England, $17,990,000 to France, $3,323,549 to Quebec and Ontario,

$1,204,932 to Haiti, $1,122,465 to Venezuela, $1,000,100 to the Hawaiian Islands, $1,000,000 to the Netherlands, $160,919 to Mexico, $150,301 to Hongkong, and the remainder to British Columbia and Central American states.

Foreign gold coins of the value of $7,501,096 were reexported, of which $7,134,726 went to Cuba, $194,712 to Quebec and Ontario, $113,500 to England, and the remainder to other countries.

The invoiced value of domestic gold ores exported was $190,849. Of this amount $129,630 were shipped to England and $60,466 to Germany.

Foreign gold ores of the invoiced value of $17,057 were reexported to England.

Gold contained in silver-copper matte of the value of $26,907 was exported from the ports of New York and Baltimore.

The total gold exports for the year were $80,010,633. The items of the same will be found in the following table:

GOLD EXPORTS, 1893.

| Items. | | Amount. |
|---|---|---|
| United States bars | | $96,905 |
| Other domestic bullion | | 182,690 |
| Domestic coin | | 71,995,129 |
| Gold contained in copper matte | | 26,907 |
| Domestic ores | | 190,849 |
| Total domestic | | 72,492,480 |
| Foreign coin reexported | $7,501,096 | |
| Foreign ores reexported | 17,057 | |
| Total foreign | | 7,518,153 |
| Total gold exports | | 80,010,633 |

*Silver.*—Foreign silver bullion of the commercial value of $4,869,372 (6,528,528 ounces) was imported during the calendar year 1893, of which $4,409,155 came from Mexico and the remainder from South and Central American States.

Silver in foreign ores of the invoiced value of $9,490,892, was imported principally from Mexico into the United States for reduction. These silver-lead ores contained 60,702,447 pounds of lead, valued at $1,042,517, and 481,218 pounds of copper, valued at $32,004.

The following statement, kindly compiled by the Chief of the Bureau of Statistics from reports furnished him by collectors of customs at the ports of entry named, shows the quantity and value of the metals contained in these silver-lead ores imported during the year:

STATEMENT SHOWING BY CUSTOMS DISTRICTS THE QUANTITIES AND VALUES OF SILVER ORE IMPORTED INTO THE UNITED STATES DURING THE CALENDAR YEAR 1893, WITH THE QUANTITIES AND VALUES OF GOLD, SILVER, LEAD, AND COPPER CONTAINED IN THE ORE, AS FAR AS COULD BE ASCERTAINED.

| Customs districts. | Total ore. | | Contained in ore. | | | |
|---|---|---|---|---|---|---|
| | | | Gold. | | Silver. | |
| | Pounds. | Value. | Ounces. | Value. | Ounces. | Value. |
| Arizona | 19,411,138 | $1,656,529 | 14,022 | $280,460 | 1,785,366 | $1,311,776 |
| Corpus Christi, Tex | 22,236,280 | 1,037,942 | 2,515 | 50,255 | 1,275,725 | 980,984 |
| Montana and Idaho | 2,299,168 | 166,393 | ..... | ..... | (*) | 135,396 |
| New York, N. Y | 2,124,000 | 147,396 | ..... | ..... | (*) | 146,689 |
| Paso del Norte, Tex | 275,572,218 | 5,355,159 | 7,958 | 146,676 | 5,845,791 | 4,351,549 |
| Puget Sound, Wash | 795,826 | 16,610 | 19 | 364 | 6,901 | 4,991 |
| Saluria, Tex | 41,601,008 | 1,231,809 | 234 | 4,508 | 1,542,901 | 1,168,335 |
| San Francisco, Cal | (*) | 1,498,344 | 5,838 | 79,342 | 1,054,990 | 1,374,346 |
| Total | ..... | 11,110,182 | 30,586 | 561,605 | ..... | 9,474,056 |

* Complete data not obtainable.

STATEMENT SHOWING BY CUSTOMS DISTRICTS THE QUANTITIES AND VALUES OF SILVER ORE IMPORTED INTO THE UNITED STATES DURING THE CALENDAR YEAR 1893, ETC.—Continued.

| Customs districts. | Contained in ore. | | | |
|---|---|---|---|---|
| | Lead. | | Copper. | |
| | Pounds. | Value. | Pounds. | Value. |
| Arizona | 2,156,427 | $50,168 | 282,528 | $14,125 |
| Corpus Christi, Tex | 276,088 | 6,683 | 450 | 19 |
| Montana and Idaho | 1,205,423 | 30,997 | ..... | ..... |
| New York, N. Y | 9,807 | 196 | 5,604 | 531 |
| Paso del Norte, Tex | 52,592,813 | 856,215 | 8,620 | 719 |
| Puget Sound, Wash | 272,875 | 10,477 | 7,790 | 778 |
| Saluria, Tex | 3,138,888 | 58,966 | ..... | ..... |
| San Francisco, Cal | 1,050,126 | 28,815 | 176,226 | 15,841 |
| Total | 60,702,447 | 1,042,517 | 481,218 | 32,604 |

Foreign silver coins of the value of $13,269,546 were imported of which $11,788,598 came from Mexico; $534,115, from Colombia; $424,155, from British Honduras; $307,200, from Guatemala; and the remainder from various countries.

United States silver coins (principally subsidiary pieces), of the value of $135,886, were imported, of which $103,485 came from the provinces of Quebec and Ontario.

The total silver imports aggregated $27,765,696, as follows:

IMPORTS OF SILVER, 1893.

| Items. | Amount. |
|---|---|
| Foreign bullion (commercial value) | $4,869,372 |
| Silver in foreign ores (commercial value) | 9,490,892 |
| Foreign silver coin | 13,269,546 |
| Total foreign | 27,629,810 |
| United States silver coin | 135,886 |
| Total silver imports | 27,765,696 |

Domestic silver bars containing 41,155,762 ounces, valued at $31,667,737, were exported during the year, of which $28,989,463 were shipped to England, $1,750,600 to Japan, $327,656 to Hongkong, $213,500 to China, $203,600 to British India and East Indies, and $127,500 to France.

United States subsidiary silver coins of the value of $89,197 were exported, of which $21,999 went to British Columbia, $26,956 to Mexico, $14,420 to Quebec and Ontario, and $10,535 to Cuba.

Foreign silver coins, principally Mexican dollars, of the value of $14,531,787 were reexported; $8,630,562 were consigned to Hongkong, $3,623,450 to England, $507,000 to Japan, $480,765 to Mexico, $403,016 to Santo Domingo, $494,000 to British India and East Indies, $111,029 to Haiti, and the remainder to various countries.

Silver in foreign ores of the value of $69,027 was reexported to England for reduction.

There were exported during the year, 91,581,865 pounds of copper matte containing 1,413,876 ounces of fine silver, which at the average commercial price for the year, is valued at $1,105,651.

The following letters from the collector of customs at Baltimore and the superintendent of the United States assay office at New York exhibit in detail the quantity of gold and silver exported in this copper matte.

OFFICE OF THE COLLECTOR OF CUSTOMS, PORT OF BALTIMORE,
*January 8, 1894.*

SIR: Responding to your request of the 5th instant, I have the pleasure to inclose herewith an abstract of the amount of gold and silver contained in silver-copper matte exported from this port during the calendar year 1893.

I would add, the unit of quantity is returned in tons of 2,240 pounds, beginning in August last, being previously returned in net tons.

Very respectfully,

W. M. MARINE,
*Collector*

Hon. R. E. PRESTON,
*Director of the Mint, Washington, D. C.*

ABSTRACT OF THE SILVER-COPPER MATTE EXPORTED FROM THE PORT OF BALTIMORE, MD., DURING THE CALENDAR YEAR 1893.

[Calculated on a basis of 60.5 per cent pure copper, 35 ounces pure silver, and 0.14 ounce pure gold per ton.]

| Month. | Matte. | | Pure copper. | Pure silver. | Pure gold. |
|---|---|---|---|---|---|
| | *Pounds.* | *Tons.* | *Pounds.* | *Ounces.* | *Ounces.* |
| January | 4,410,000 | 2,205 | 2,668,050 | 77,175 | 308.70 |
| August | 4,271,680 | 1,907 | 2,584,366 | 66,745 | 266.98 |
| September | 8,133,465 | 3,631 | 4,920,746 | 127,085 | 508.34 |
| October | 2,640,960 | 1,179 | 1,597,781 | 41,265 | 165.06 |
| November | 680,960 | 304 | 411,981 | 10,640 | 42.56 |
| Total | 20,137,065 | 9,226 | 12,182,924 | 322,910 | 1,291.64 |

U. S. ASSAY OFFICE, NEW YORK CITY, SUPERINTENDENT'S OFFICE,
*February 18, 1894.*

SIR: In response to your letter of the 5th ultimo, relative to the export of copper matte and argentiferous matte from this port during the calendar year 1893, with the quantities of gold and silver contained, I have to report that the amount of said exports, according to the custom-house records, was as follows:

Copper matte, 71,444,800 pounds. Contained in this matte were 10 ounces of fine gold and 1,090,966 ounces of fine silver.

Very respectfully,

ANDREW MASON,
*Superintendent.*

Hon. R. E. PRESTON,
*Director of the Mint, Washington, D. C.*

The following table shows the total exports of silver to have been $47,463,399:

EXPORTS OF SILVER, 1893.

| Items. | | Amount. |
|---|---|---|
| United States bars | | $67,670 |
| Other domestic bullion | | 31,599,997 |
| United States subsidiary silver coin | | 89,197 |
| Silver contained in copper matte | | 1,105,951 |
| Total domestic | | 32,863,505 |
| Foreign silver coin re-exported | $14,531,767 | |
| Silver in foreign ores re-exported | 69,027 | |
| Total foreign | | 14,599,894 |
| Total silver export | | 47,463,399 |

From a comparison of the tables of imports and exports of silver for the year 1893, it will be seen that the exports exceeded the imports by $19,697,703.

In the appendix will be found a table exhibiting the imports and exports of the precious metals, by customs districts and by months, for the calendar year 1893, kindly compiled by the chief of the Bureau of Statistics.

STATEMENT OF UNITED STATES GOLD COIN EXPORTED FROM NEW YORK TO EUROPE DURING THE CALENDAR YEAR ENDED DECEMBER 31, 1893.

| Date. | Value. | Rate of exchange. | Destination. |
|---|---|---|---|
| January 6 | $2,000,000 | $4.87½–4.87¾ | France. |
| 20 | 4,300,600 | 4.87¾ | Do. |
| 23 | 775,000 | 4.87½–4.87¾ | Germany. |
| 27 | 2,850,000 | 4.87½–4.87¾ | France. |
| 27 | 500,000 | 4.87½–4.87¾ | Holland. |
| 30 | 1,000,000 | 4.87½–4.87¾ | Germany. |
| 31 | 500,000 | 4.87 | Do. |
| February 3 | 2,500,000 | 4.87½ | France. |
| 10 | 3,250,000 | 4.88 | Do. |
| 15 | 1,000,000 | 4.88¼ | Germany. |
| 15 | 500,000 | 4.88¼ | England. |
| 17 | 1,000,000 | 4.88½–4.88¾ | France. |
| 20 | 3,500,000 | 4.88½–4.88¾ | Germany. |
| 24 | 500,000 | 4.88½ | Holland. |
| March 6 | 2,300,000 | 4.87½ | Germany. |
| 20 | 500,000 | 4.87½ | Do. |
| 27 | 500,000 | 4.87¾–4.88 | Do. |
| April 3 | 1,510,000 | 4.87¾–4.88 | Do. |
| 8 | 500,000 | 4.88 | Do. |
| 10 | 3,500,000 | 4.88 | Do. |
| 14 | 1,250,000 | 4.88¼ | Do. |
| 17 | 1,750,000 | 4.88½ | Do. |
| 17 | 2,000,000 | 4.88½ | France. |
| 17 | 1,000,000 | 4.88½ | Germany. |
| 20 | 500,000 | 4.88½ | England. |
| 20 | 3,430,000 | 4.89½–4.89½–4.90 | Germany. |
| 24 | 500,000 | 4.88½ | Do. |
| May 1 | 500,000 | 4.88½ | Do. |
| 12 | 500,000 | 4.89 | England. |
| 13 | 10,500 | 4.89 | Germany. |
| 16 | 1,500,000 | 4.89¼ | England. |
| 17 | 1,000,000 | 4.89¼–4.89¾ | Do. |
| 19 | 2,000,000 | 4.89–4.89¼ | Do. |
| 22 | 1,000,000 | 4.89–4.89¼ | Do. |
| 25 | 935,000 | 4.89¼ | Do. |
| 26 | 2,500,000 | 4.89¼–4.89½ | Do. |
| 29 | 1,000,000 | 4.89½ | Do. |
| 31 | 4,000,000 | 4.89¼–4.89½ | Do. |
| June 2 | 1,500,000 | 4.89¼–4.89½ | Do. |
| 5 | 1,000,000 | 4.89¼ | Do. |
| August 4 | 400 | 4.84 | Italy. |
| December 8 | 500,000 | 4.87½ | Germany. |
| 11 | 1,700,000 | 4.87½ | Do. |

RECAPITULATION OF GOLD EXPORTS.

| | |
|---|---|
| Total United States gold coin | $63,061,500 |
| Total foreign gold coin | 357,050 |
| Total gold bars | 115,297 |
| Total shipments to Europe | 63,533,847 |

During the same period there were shipped to the West Indies and Central and South America the following amounts:

| | |
|---|---|
| United States gold coin | $2,385,584 |
| Foreign gold coin | 6,936,532 |
| Total | 9,322,116 |
| Grand total of exports | 72,855,963 |

The imports of gold during the same period were as follows:

| | |
|---|---|
| United States gold coin | $26,704,085 |
| Foreign gold coin | 15,207,774 |
| Foreign gold bullion | 11,418,418 |
| Total | 53,330,277 |

From Central and South America and West Indies:

| | |
|---|---|
| United States gold coin | $2,251,007 |
| Foreign gold coin | 6,648,593 |
| Foreign gold bullion | 707,581 |
| Total | 9,607,181 |
| Grand total of imports | 62,937,458 |

IMPORTS INTO THE CUSTOMS DISTRICT OF NEW ORLEANS, LA., OF GOLD AND SILVER DURING THE CALENDAR YEAR 1893.

| Countries. | Gold. | | | Silver. | | | Total Value. |
|---|---|---|---|---|---|---|---|
| | Foreign bullion. | Coin. | | Foreign bullion. | Coin. | | |
| | | American. | Foreign. | | American. | Foreign. | |
| Mexico | | | | | | $2,044 | $2,044 |
| Costa Rica | $560 | | | | | | 560 |
| Honduras | 144 | | | | | 61,367 | 61,511 |
| Nicaragua | 85,021 | $1,210 | | | $500 | 803 | 87,534 |
| British Honduras | 1,796 | | $1,150 | | | 362,164 | 365,110 |
| Guatemala | 18,545 | | | | | 2,479 | 21,024 |
| Colombia | 2,070 | 1,400 | | | | 490 | 3,960 |
| Cuba | | 2,100 | | | 1,000 | | 3,100 |
| Total | 108,136 | 4,710 | 1,150 | | 1,500 | 429,347 | 544,843 |

IMPORTS AND EXPORTS OF GOLD AND SILVER AT SAN FRANCISCO DURING THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

IMPORTS.

| Source. | Silver bullion. | Silver coin. | Gold bullion. | Gold coin. | Total. |
|---|---|---|---|---|---|
| British Columbia | | | $296,205 | $8,810 | $305,015 |
| British possessions in Australasia | | $1,428 | 337,690 | 1,387,198 | 1,726,316 |
| China | | 60 | | 203,560 | 203,620 |
| French possessions, all other | | 269 | | 2,985 | 3,254 |
| Guatemala | $7,115 | 28,290 | | 4,141 | 39,546 |
| Hawaiian Islands | | | | 160 | 160 |
| Japan | | 1,600 | | 35,280 | 36,880 |
| Mexico | 1,714,889 | 321,475 | 43,451 | 39,507 | 2,119,322 |
| San Salvador | 3,134 | 6,085 | 364 | 31,405 | 40,988 |
| All other islands and ports | | 23,000 | | 613 | 23,613 |
| Total | 1,725,138 | 382,207 | 677,710 | 1,713,759 | 4,498,814 |

IMPORTS AND EXPORTS OF GOLD AND SILVER AT SAN FRANCISCO, ETC.—Continued.

EXPORTS.

| Source. | Silver bullion. | Foreign silver coin. | Gold bullion. | Gold coin. | Total. |
|---|---|---|---|---|---|
| British Columbia | ..... | ..... | ..... | $1,778 | $1,778 |
| British East India | $203,600 | $494,000 | ..... | ..... | 697,600 |
| China | 213,500 | ..... | ..... | ..... | 213,500 |
| Costa Rica | ..... | ..... | ..... | 1,625 | 1,625 |
| French possessions | ..... | 5,300 | ..... | ..... | 5,300 |
| Guatemala | ..... | 13,882 | ..... | 4,600 | 18,482 |
| Hawaiian Islands | ..... | 1,000 | ..... | 1,000,100 | 1,001,100 |
| Hongkong | 327,656 | 8,630,502 | $2,459 | 150,301 | 9,110,978 |
| Japan | 1,750,600 | 507,000 | ..... | ..... | 2,257,600 |
| Mexico | ..... | 22,800 | ..... | 8,865 | 31,665 |
| San Salvador | ..... | 4,000 | ..... | 61,300 | 65,300 |
| Total | 2,495,356 | 9,678,544 | 2,459 | 1,228,569 | 13,404,928 |

*COURSE OF SILVER IN 1893.*

The year 1893 was a memorable one in the history of silver and silver legislation, rendered so by the passage of the act of the Governor-General of India in Council of June 26, which closed the Indian mints to the free coinage of silver, and by the repeal, in November, of the purchasing clause of the act of Congress of July 14, 1890, which provided for the purchase by the Government of the United States of 4,500,000 fine ounces of silver per month. These measures deprived silver, so far as legislation could accomplish that end, of its two largest and most remunerative markets, and left Mexico the only country of any importance in which the coinage of the white metal continues free.

The highest price reached during the year for an ounce of British standard silver (.925 fine) was in January, when it amounted to $38\frac{9}{16}$ pence, equivalent to $0.84724 per fine ounce, and the lowest $30\frac{1}{2}$ pence for British standard, or $0.66426 per ounce for fine silver. The highest average London price for any one month in the year was 38.356 pence in February, and the lowest 32.015 pence, the average price in December. The highest monthly average price of fine bar silver in New York was $0.84380 in February, and the lowest $0.70250 in December.

The difference between the highest and lowest monthly average price was greater than in any year since 1890, amounting to 16.7 per cent.

The average London price for the whole year, of bar silver .925 fine was 35.596 pence, and the average price during the year of fine bar silver in New York was $0.78219, a decline as compared with the average price in 1892 of over 10.5 per cent.

Owing to a steady although declining demand of silver for India, no great variation in the price of bar silver occurred until May, when the dearness of money in that country enabled the Indian council to sell large amounts of telegraphic transfers, and the demand for silver being

consequently smaller, the price fell from $38\frac{9}{16}$ pence ($0.84724 per fine ounce) to $37\frac{11}{16}$ pence ($0.83090 per fine ounce), from which price there was a recovery in June to $38\frac{3}{4}$ pence for bar silver, British standard, or $0.84672 for fine bar silver. The closing of the Indian mints to the free coinage of silver caused a panic both in London and New York, and silver fell to 36 pence in London and to $0.78405 in New York on the 26th. Between that date and the 30th it dropped in London, to 35 pence on the 27th, to 34 pence on the 28th, to $31\frac{1}{2}$ pence on the 29th, and to $30\frac{1}{2}$ pence on the 30th; and in New York to $0.76227 on the 27th, to $0.73959 on the 28th, to $0.68604 on the 29th, and to $0.66426 on the 30th per ounce of fine bar silver.

On the 1st of July British standard silver was quoted in London at $33\frac{1}{2}$ pence and fine silver in New York at $0.72960. After this there was a gradual advance, owing to the fact that for the first time China became an important buyer of bar silver and continued to take large sums until late in the year. The advance was uninterrupted until about the middle of September, when the price in London for bars ready for immediate shipment was $34\frac{1}{2}$ pence and the price of fine bars in New York $0.75449 per ounce. The price on the last day of 1893 was 31.175 pence in London and $0.69471 in New York.

The suspension of the free coinage of silver in India does not seem to have lessened the imports of silver into India in 1893. The net imports of ounces of silver into that country are shown in the following table for the Indian fiscal years (ending March 31) 1887–'88 to 1893–'94.

| Years. | Net imports. | Years. | Net imports. |
|---|---|---|---|
| | *Ounces.* | | *Ounces.* |
| 1887–'88 | 32,782,599 | 1891–'92 | 32,348,438 |
| 1888–'89 | 32,436,029 | 1892–'93 | 45,523,512 |
| 1889–'90 | 33,643,774 | 1893–'94 | 54,226,253 |
| 1890–'91 | 51,529,085 | | |

On the effects of the Indian law of June 26, 1893, Prof. W. Lexis, the distinguished German economist and statistican, says in Hildebrand's Jahrbücher, March, 1894, pp. 468, etc.:

Hitherto the Indian law of June 26, 1893, has not produced the effects expected of it; rather has it involved the Indian Government in new and entirely unlooked for difficulties. The imports of bar silver into India has, notwithstanding the closing of the mints, been greater in the second half of the year 1893 than was hitherto usual in a like period. It amounted in the five months from July to the end of November to 62,400,000 rupees, while in the corresponding months of 1892 it was only 50,100,000 rupees, and in 1891 only 21,200,000 rupees. This continued outflow of silver is due to the fact that the repeal of the law of the United States of July 14, 1890, exercised up to the end of 1893 no great influence on the price of silver, having depressed the price of the same only from about 34 to 32 pence. But on the other hand, the Indian office in London was, in consequence of this fact, not able to sell its council bills at the fixed price of 16 shillings per rupee, and even at the lowered rate of $15\frac{1}{2}$ pence less than 1 per cent of the amount offered in Government bills was

sold. But, until recently, the Government was unwilling to go below this latter rate, and preferred to procure the gold needed to effect its payments in England by the issue of treasury notes payable in pounds sterling. At the beginning of December, 1893, it had obtained, in this way, £5,600,000, having been empowered by previous laws to do so, and to secure itself in the future received authorization by a new law, which has been already passed by Parliament, to issue further loans to the extent of £10,000,000 in case of need. These debts are entirely covered in India, but it was impossible to transfer these sums to Europe by means of bills of exchange without immoderately raising the course of the pound sterling in India. The causes of this peculiar phenomenon are not yet quite clear. It is certain that the depressed price of bar silver as compared with the rupee in India produced an unusual demand for such bars for industrial purposes and also for hoarding it, and that also produced a considerable amount of speculation in future deliveries. The fear of an import duty on silver brought this operation to a standstill at the end of the year. The sale of council bills, however, did not increase. The coinage of silver in the mints of the vassal states, which at first partly counteracted the effects of the closing of the Anglo-Indian mints, has already ceased almost entirely. In the meantime the period of active Indian exportation began, without, however, producing any improvement in the course of the rupee. Finally the Indian Government in England no longer had the courage to maintain the position it had taken. Since the 20th of January, 1894, it has declared itself ready to sell council bills under the rate of 15½ pence, and since the beginning of February it has been so yielding that it sold large allotments at about 14 pence. But the price of silver rapidly declined, and at the beginning of March had sunk as low as 29¾ pence. The intrinsic value of a rupee amounts, at this price, to scarcely 10 pence, and the endeavor to endow this coin with an increased credit value by the suspension of the coinage succeeded; but the main object of the law of June 26, 1893, namely, the stability of the rate, has not been attained. Moreover, this increase in the value of the rupee arises, not as is generally believed in England, from the fact that the rupee has become rarer in the internal trade of the country in consequence of the suspension of the coinage, but solely from the fact that there has been an increased demand in Europe for media of payment in India. This demand has, indeed, not been so intense since the suspension of the coinage as was to be expected, because the balance of trade of India has been more unfavorable, and this unfavorable balance of India's trade is, at least in part, directly consequent upon that measure. As the course of the rupee had, as far back as in 1892, temporarily declined to 14 pence, the sudden appreciation of its value to 15½ pence may have acted to some extent injuriously on the export of Indian products to Europe and favorably on the imports into India of European commodities; but the influence of the difference in rate which now arose between the rupee and bar silver on Indian trade with eastern Asiatic silver countries, especially with China, was much greater. Thus the total value of the Indian exported commodities in the five months, July to November, 1893, amounted to 356,700,000 rupees, while the imports were 310,700,000 rupees, and hence the excess of exports only about 46,000,000 rupees. In 1892, in the same period, it amounted to 111,000,000, and in 1891 to 110,000,000; but as now the course of the rupee may sink still lower, the Indian balance of trade with Europe will probably reach the old figure; whether its trade with China will do the same is a question, because bar silver declines, parallel with the rupee, to a still lower price. The changed relation of India to China would perhaps not directly affect European interests. It might even promote a further employment of bar silver for remittances from Europe, and thus operate against the outflow of gold. But at the same time it is possible that the economic condition of India might be so damaged by hampering its exports to China that the Government would be compelled to give up its silver experiment, to cease overvaluing the rupee, and to resume free coinage.

But it is useless to dwell upon such conjectures. As has been already remarked, it is to be expected that the exports of Indian commodities to Europe will regain their

former excess over imports from Europe, and the demand for media of payment for India consequently reach its former figures. But as it is incredible that the hitherto large shipments of bar silver to India will last much longer, the council bills now so difficult to dispose of would no longer suffice to settle the balance of trade with India in case that balance should reach the old figures. There would then be danger of a chronic outflow of gold to India, and against such a danger there is no safeguard but the resumption of silver coinage in India on Government account. The council bills and the exports of bar silver are still sufficient to meet European obligations in India, and there is no immediate menace at present to Europe's stock of gold from that quarter.

The following table shows the course of silver during the twelve months of 1893:

HIGHEST, LOWEST, AND AVERAGE PRICE OF SILVER BULLION, AND VALUE OF A FINE OUNCE, EACH MONTH DURING THE CALENDAR YEAR 1893.

| Months. | Highest. | Lowest. | Average price per ounce, British standard, .925. | Equivalent value of a fine ounce with exchange at par, $4.8665. | Average monthly price at New York of exchange on London. | Equivalent value of a fine ounce, based on average monthly price and average rate of exchange. | Average monthly New York price of fine bar silver. |
|---|---|---|---|---|---|---|---|
| | *Pence.* | *Pence.* | *Pence.* | | | | |
| January | 38 9/16 | 38 1/2 | 38.321 | $0.84026 | $4.8775 | $0.84217 | $0.84115 |
| February | 38 1/2 | 38 1/2 | 38.356 | .84080 | 4.8806 | .84316 | .84200 |
| March | 38 3/8 | 37 15/16 | 38.108 | .83537 | 4.8726 | .83255 | .83713 |
| April | 38 9/16 | 37 7/8 | 38.028 | .83361 | 4.8830 | .83610 | .83736 |
| May | 38 9/16 | 37 5/8 | 38.069 | .83451 | 4.8881 | .83856 | .84081 |
| June | 38 1/2 | 30 1/2 | 37.279 | .81719 | 4.8610 | .81654 | .81302 |
| July | 34 1/2 | 32 1/2 | 33.060 | .72471 | 4.8373 | .71981 | .72333 |
| August | 34 1/2 | 32 1/2 | 33.944 | .74409 | 4.8602 | .74337 | .74851 |
| September | 34 1/2 | 33 1/2 | 34.120 | .74799 | 4.8602 | .74709 | .75210 |
| October | 34 1/2 | 31 1/2 | 33.608 | .73672 | 4.8444 | .73339 | .73711 |
| November | 32 1/2 | 31 1/2 | 32.240 | .70673 | 4.8433 | .70390 | .70947 |
| December | 32 9/16 | 31 1/2 | 32.015 | .70180 | 4.8668 | .70177 | .70350 |
| Average | ..... | ..... | 35.596 | .78031 | 4.8645 | .77986 | .78319 |

*STOCK OF MONEY IN THE UNITED STATES.*

The following table gives the total estimated stock of gold and silver coin in the United States on January 1, 1894, $1,080,067,361; gold, $584,366,998, and silver, $495,700,363. Of the silver coin, $419,332,777 were in silver dollars, and $76,367,586 in subsidiary pieces.

OFFICIAL TABLE OF STOCK OF COIN IN THE UNITED STATES JANUARY 1, 1894.

| Items. | Gold. | Silver. | Total. |
|---|---|---|---|
| Estimated stock of coin January 1, 1893 | $567,961,390 | $492,903,266 | $1,060,864,656 |
| Coinage, calendar year 1893 | 56,997,020 | 8,802,797 | 65,799,817 |
| Net imports of United States coin, calendar year 1893 | ..... | 46,689 | 46,689 |
| Total | 624,958,410 | 501,752,752 | 1,126,711,162 |
| Loss: | | | |
| Net exports of United States coin, calendar year 1893 | 37,373,455 | ..... | 37,373,455 |
| United States coin melted for recoinage, calendar year 1893 | 1,717,957 | 5,952,389 | 7,670,346 |
| United States coin estimated to have been used in the arts, calendar year 1893 | 1,500,000 | 100,000 | 1,600,000 |
| Total | 40,591,412 | 6,052,389 | 46,643,801 |
| Estimated stock of the United States coin, January 1, 1894 | 584,366,998 | 495,700,363 | 1,080,067,361 |

The amount of $5,952,389 deducted as melted for recoinage represents the nominal value of worn subsidiary pieces transferred from the Treasury to the mints and all defaced pieces of that class of coin purchased as bullion during the year.

The value of the gold and silver bullion belonging to the Government in the mints and assay offices on January 1, 1894, was as follows:

GOLD AND SILVER BULLION IN MINTS AND ASSAY OFFICES, JANUARY 1, 1894.

| Metals. | Cost value. |
|---|---|
| Gold | $84,631,966 |
| Silver | 128,372,760 |
| Total | 213,004,726 |

The stock of coin in the United States, the gold and silver bullion belonging to the Government, together with the silver held by the Mercantile Safe Deposit Company, constituted the total metallic stock of the United States on January 1, 1894.

METALLIC STOCK JANUARY 1, 1894.

| Coin and bullion. | Amount. |
|---|---|
| Gold | $668,998,964 |
| Silver (bullion in mints and Mercantile Safe Deposit Company) | 624,179,950 |
| Total | 1,293,178,914 |

The estimated metallic stock of the United States at the commencement of the calendar year, was as follows:

METALLIC STOCK JANUARY 1, 1893.

| Coin and bullion. | Amount. |
|---|---|
| Gold | $649,736,029 |
| Silver (bullion in mints and Mercantile Safe Deposit Company) | 593,365,365 |
| Total | 1,243,153,395 |

It will be noticed that the stock of gold increased during the calendar year $19,210,944, and that of silver, $30,814,585, a total increase of $50,025,529.

The following table exhibits the stock of metallic and paper money in the United States on January 1, 1894:

LOCATION OF THE MONEYS OF THE UNITED STATES JANUARY 1, 1894.

| Moneys. | In Treasury. | Outside of Treasury. | Total. |
|---|---|---|---|
| METALLIC. | | | |
| Gold bullion | $84,631,966 | | $84,631,966 |
| Silver bullion | 128,372,760 | $106,827 | 128,479,587 |
| Gold coin | 73,624,284 | 508,742,714 | 582,366,998 |
| Silver dollars | 361,463,188 | 57,969,589 | 419,332,777 |
| Subsidiary silver coin | 11,639,467 | 64,628,119 | 76,267,586 |
| Total | 659,731,665 | 631,347,249 | 1,291,078,914 |
| PAPER. | | | |
| Legal-tender notes, old issue | 44,139,202 | 302,541,814 | 346,681,016 |
| Legal-tender notes, act July 14, 1890 | 1,194,884 | 151,965,267 | 153,160,151 |
| Gold certificates | 75,590 | 77,412,179 | 77,487,769 |
| Silver certificates | 5,088,854 | 329,545,650 | 334,634,504 |
| National-bank notes | 12,357,628 | 196,181,216 | 208,538,844 |
| Currency certificates | 40,000 | 39,045,000 | 39,085,000 |
| Total | 62,846,158 | 1,096,691,126 | 1,159,537,284 |

From an examination of the above table it will be seen that the total amount of money in circulation in the United States on January 1, 1894, exclusive of the amount in the Treasury, was $1,728,038,375, an increase of $116,716,622 over the amount in circulation on January 1, 1893.

## *GOLD AND SILVER USED IN THE INDUSTRIAL ARTS.*

As has been the custom in past years, inquiries have been made for the purpose of ascertaining the amount and value of gold and silver used in the industrial arts in the United States during the calendar year 1893.

Statements have been received from Government institutions and from private refineries showing the amount and value of the gold and silver bars sold to manufacturers and jewelers for use in the arts and, as nearly as possible, the material used in the manufacture of such bars

The quantity and value of gold and silver bars furnished manufacturers and jewelers by the U. S. assay office at New York during the calendar year 1893 are as follows:

BARS MANUFACTURED FOR USE IN THE INDUSTRIAL ARTS BY THE UNITED STATES ASSAY OFFICE AT NEW YORK DURING THE CALENDAR YEAR 1893.

| Material used. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. |
| Domestic bullion | 276,096.152 | $5,707,398 | 3,597,965 | $4,651,915 |
| United States coin | 21.012 | 434 | ..... | ..... |
| Foreign material | 38,905.773 | 804,254 | 1,346,326 | 1,740,704 |
| Old plate, jewelry, etc | 91,083.171 | 1,882,856 | 387,451 | 500,946 |
| Total | 406,105.108 | 8,394,937 | 5,331,742 | 6,893,565 |

The following table exhibits the quantity and value of bars furnished by the mint at Philadelphia for use in the industrial arts during the calendar year 1893:

VALUE AND WEIGHT OF GOLD AND SILVER BARS MANUFACTURED FOR USE IN THE INDUSTRIAL ARTS BY THE UNITED STATES MINT AT PHILADELPHIA DURING THE CALENDAR YEAR 1893.

| Material used. | Bars manufactured. | | | |
|---|---|---|---|---|
| | Gold. | | Silver. | |
| | Fine ounces. | Value. | Fine ounces. | Coining value. |
| Domestic bullion | 48,875.884 | $1,010,354 | 1,876 | $2,426 |
| United States coin | 1,955.052 | 40,415 | ..... | ..... |
| Jewelry, etc | 3,824.575 | 79,061 | 9,456 | 12,226 |
| Total | 54,655.511 | 1,129,830 | 11,332 | 14,652 |

The amounts of gold and silver furnished during the calendar year 1893 by private refineries for use in the industrial arts have been obtained by inquiries sent in the form of a circular letter to 49 firms, 47 of which replied.

Of the number replying, 18 reported that no bars were manufactured by them during the year. The weight and value of the bars manufactured by the remaining 29 firms are given below:

BARS FOR INDUSTRIAL USE FURNISHED GOLDSMITHS AND OTHERS BY PRIVATE REFINERIES DURING THE CALENDAR YEAR 1893.

| Materials used. | Gold bars manufactured. | | Silver bars manufactured. | |
|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. |
| Domestic bullion (exclusive of United States bars) | 79,177.056 | $1,636,735 | 1,482,212 | $1,916,396 |
| United States bars | 62,248.514 | 1,286,791 | 642,690 | 830,953 |
| United States coin | 26,450.144 | 546,773 | | |
| Old plate, jewelry, and other old material | 39,437.622 | 815,248 | 548,881 | 709,664 |
| Total | 207,313.336 | 4,285,547 | 2,673,783 | 3,457,013 |

Number of firms addressed, 49; number replying, 47; number not manufacturing, 18; number manufacturing, 29.

In the above table it will be noticed that the amounts of "United States bars," that is, bars bearing the stamp of the mint at Philadelphia or assay office at New York, furnished by private refineries for industrial uses during the year was: Gold, $1,286,791; silver, $830,953.

As these bars are included in the amounts reported to the Bureau by the Philadelphia mint and New York assay office, it is necessary to eliminate the item representing them from the amounts reported by private refineries.

The weight and value of gold and silver bars other than those bearing the stamp of the mint at Philadelphia or assay office at New York are given in the following table:

BARS FOR INDUSTRIAL USE (EXCLUSIVE OF GOVERNMENT BARS) FURNISHED GOLDSMITHS AND OTHERS BY PRIVATE REFINERIES DURING THE CALENDAR YEAR 1893.

| Material. | Gold bars manufactured. | | Silver bars manufactured. | |
|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. |
| Domestic bullion | 79,177.056 | $1,636,735 | 1,482,212 | $1,916,396 |
| United States coin | 26,450.144 | 546,773 | | |
| Old plate, jewelry, and other old material | 39,437.622 | 815,248 | 548,881 | 709,664 |
| Total | 145,064.822 | 2,998,756 | 2,031,093 | 2,626,060 |

The value of the gold and silver bars furnished for industrial use by Government and private refineries during the calendar year 1893, was as follows:

GOLD AND SILVER BARS FURNISHED FOR USE IN MANUFACTURES AND THE ARTS DURING THE CALENDAR YEAR 1893, AND CLASSIFICATION OF THE MATERIAL USED.

| Material. | Gold. | Silver. | Total. |
|---|---|---|---|
| Domestic bullion | $8,354,482 | $6,570,737 | $14,925,219 |
| United States coin | 587,622 | ..... | 587,622 |
| Foreign bullion and coin | 804,254 | 1,740,704 | 2,544,958 |
| Old material | 2,777,165 | 1,222,836 | 4,000,001 |
| Total | 12,523,523 | 9,534,277 | 22,057,800 |

For the purpose of comparison, the following table, exhibiting the value of gold and silver furnished for industrial uses by Government institutions and private refineries during the calendar year 1892, is given:

GOLD AND SILVER BARS FURNISHED FOR USE IN MANUFACTURES AND THE ARTS DURING THE CALENDAR YEAR 1892, AND CLASSIFICATION OF THE MATERIAL USED.

| Material. | Gold. | Silver. | Total. |
|---|---|---|---|
| Domestic bullion | $10,588,703 | $7,204,210 | $17,792,913 |
| United States coin | 787,334 | 5,152 | 792,486 |
| Foreign bullion and coin | 771,686 | 1,249,801 | 2,021,487 |
| Old material | 4,468,685 | 647,377 | 5,116,062 |
| Total | 16,616,408 | 9,106,540 | 25,722,948 |

By comparing the tables for the two years, it will be seen that there has been a decrease in the value of gold employed in the industrial arts during the calendar year 1893 of $4,093,000, while the value of silver thus employed has increased $428,000.

The amount of United States gold coin reported as having been used in the manufacture of bars for industrial purposes was $587,622.

No United States silver coin was reported as having been used for such purpose.

It will be observed that the amount of gold coin actually consumed in the manufacture of bars for industrial uses, as reported by private refineries and Government institutions, was a little over one-seventh of of the amount heretofore estimated to have been used annually for this purpose, namely, $3,500,000, which estimate (made some years ago) was based on four censuses taken by this Bureau. It is believed that now $1,500,000 would be a very liberal estimate of the amount of United States gold coin used in the arts annually, and considering the fact that fine gold bars of the weight of 5 ounces and upwards, are manufactured by the Government institutions for use in the industrial arts, can be readily obtained by manufacturers and jewelers, and the further fact that by using bars they are subjected to no loss from abrasion, as would be the case if coin were used; it, therefore, seems

reasonable to believe that manufacturers and jewelers would much prefer to use bullion in the shape of bars in preference to coin.

In regard to United States silver coin used in the arts it is plain that manufacturers who can buy silver bullion at the prevailing low price prefer to use bullion instead of coin. The bullion value of the silver dollar, at the average price of silver for the calendar year 1893, was 60 cents, and for this same dollar the manufacturer or jeweler could go into the market and buy 619 grains of fine silver.

It is not likely, therefore, that he would use coin when bullion can be so readily and cheaply obtained.

The estimate heretofore made of the amount of United States silver coin used annually in the arts has been $200,000, which evidently is too high, from the fact that at no time since this estimate was made has the bullion value of the silver dollar been equal to 100 cents, much less the bullion value of the subsidiary coins, which contain less silver, in proportion.

In accordance with these facts, it is believed that the amount of United States silver coin consumed annually in the arts does not exceed, if, indeed, it reaches, $100,000.

Making these allowances for the total amount of United States gold and silver coin, respectively, used in the arts, the table showing the industrial consumption of the precious metals in the United States in 1893 would have to be modified thus:

| Material. | Gold. | Silver. | Total. |
|---|---|---|---|
| Domestic bullion | $8,354,482 | $6,570,737 | $14,925,219 |
| United States coin | 1,500,000 | 100,000 | 1,600,000 |
| Foreign bullion and coin | 804,254 | 1,740,704 | 2,544,958 |
| Old material | 2,777,165 | 1,222,836 | 4,000,001 |
| Total | 13,435,901 | 9,634,277 | 23,070,178 |

GOLD BARS FOR USE IN THE INDUSTRIAL ARTS EXCHANGED FOR GOLD COIN, CALENDAR YEAR 1893.

| Month. | Philadelphia. | New York. | Total. |
|---|---|---|---|
| January | $151,660.08 | $577,599.89 | $729,259.97 |
| February | 136,933.69 | 736,194.11 | 873,127.80 |
| March | 121,762.40 | 691,595.32 | 813,357.72 |
| April | 126,471.11 | 631,024.80 | 757,495.91 |
| May | 131,398.66 | 435,865.08 | 567,273.74 |
| June | 110,635.48 | 374,800.31 | 485,435.79 |
| July | 55,340.78 | 180,103.19 | 235,443.97 |
| August | 25,295.61 | 108,053.75 | 133,349.36 |
| September | 45,374.71 | 220,677.10 | 266,051.81 |
| October | 35,128.26 | 267,899.64 | 303,027.90 |
| November | 45,264.05 | 352,729.75 | 397,993.80 |
| December | 25,094.46 | 160,248.91 | 185,343.37 |
| Total | 1,010,354.24 | 4,736,811.85 | 5,747,166.09 |

*WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER.*

In the year 1827 Alexander von Humboldt, *Essai Politique sur le Royaume de la Nouvelle Espagne*, No. 2, ed. Paris, 1827, T. III, p. 360, estimated the industrial consumption of gold in that year at about 9,200 kilograms, which figure he reached in this way: Count Chabral had, in the year 1823, estimated in his *Recherches statistiques sur Paris*, the material that entered into the gold and silver articles manufactured in that city as follows:

About 1,550 kilograms (5,332,388 francs) gold and about 41,500 kilograms (9,220,500 francs) silver. The articles of gold and silver manufactured in the rest of France, might, he thought, be taken at half the weight and value of those metals used in the industries of Paris, which gave, for all France, 2,300 kilograms of gold and 62,300 kilograms of silver.

If the whole of Europe were assumed to employ four times as much of the precious metals for industrial purposes as France the total consumption in the arts would be about 9,200 kilograms (31,684,800 francs) of gold and about 250,000 kilograms (55,500,000 francs) of silver. The weight of the gold manufactured into utensils, ornaments, etc., to that of silver, in the ratio of 1 to 27·30, and the industrial employment of both absorbed less than one-fifth of the new annual production of the precious metals.

While Humboldt estimated the industrial consumption of the precious metals at only one-fifth of the production, he remarks, with surprise, that the Englishman, Lowe, estimated this consumption in the year 1822 at two-thirds of the production. This shows how great the difference was in the estimates of the industrial employment of gold and silver, at this time—20 and 66⅔ per cent. Lowe estimated the total of the precious metals employed in the arts in Europe and the United States at £8,000,000 per annum, of which £6,000,000 were gold and silver of recent production. According to W. Jacob, £5,892,066 of the precious metals were employed in the year 1830 in Europe and the United States for other purposes than coinage, of which, at most, about one-fortieth was from old material. The total annual consumption of gold was at this time estimated at about 28,000 kilograms; that is three times the amount estimated by Humboldt and twice the total annual production of the period 1821–1830. Taking the figures of Nebenius, at the beginning of 1841, and allowing two-thirds of the total value of the articles manufactured to have represented the value of the pure gold contained in them, Dr. Soetbeer estimates that, according to that author, the then industrial consumption from new material amounted to over 14,000 kilograms, as against a total annual production of about 20,000 kilograms in the period 1831 to 1840.

Considering the facts above mentioned, Soetbeer, in 1881, called attention to the necessity of a new and thorough investigation into the

extent of the industrial consumption of gold. He reached, by a process of reasoning from data accumulated from the returns of private establishments manufacturing gold and silver commodities, the following figures for the industrial consumption of gold:

SOETBEER'S TABLE OF THE INDUSTRIAL CONSUMPTION OF GOLD IN THE WORLD IN 1871 TO 1880.

| Countries. | Gross industrial consumption. | Deduction for old material employed. | Net industrial consumption of gold. |
|---|---|---|---|
| | *Fine kilos.* | *Per cent.* | *Fine kilos.* |
| United States | 15,000 | 10 | 13,500 |
| Great Britain | 20,000 | 15 | 17,000 |
| France | 21,000 | 20 | 16,800 |
| Germany | 14,700 | 20 | 11,760 |
| Switzerland | 15,000 | 25 | 11,250 |
| Austria-Hungary | 2,900 | 15 | 2,465 |
| Italy | 6,000 | 25 | 4,500 |
| Russia | 3,000 | 20 | 2,400 |
| Total in the above countries | 97,600 | 20 | 79,775 |
| In other civilized countries | 5,000 | ..... | 4,000 |
| Total | 102,600 | ..... | 83,775 |

He estimates the average net consumption of gold in the arts in the years 1871–1880, in round numbers, at 84,000 kilograms.

In a similar way, he reached, in 1881, the following table of the average industrial consumption of silver in the various countries of the world in 1871–1880:

SOETBEER'S TABLE OF THE AVERAGE INDUSTRIAL CONSUMPTION OF SILVER IN THE WORLD IN 1871 TO 1880.

| Countries. | Gross industrial consumption. | Deduction for old material employed. | Net industrial consumption of silver. |
|---|---|---|---|
| | *Fine kilos.* | *Per cent.* | *Fine kilos.* |
| United States | 120,000 | 15 | 102,000 |
| Great Britain | 90,000 | 20 | 72,000 |
| France | 100,000 | 25 | 75,000 |
| Germany | 100,000 | 25 | 75,000 |
| Switzerland | 32,000 | 25 | 24,000 |
| Austria-Hungary | 40,000 | 20 | 32,000 |
| Italy | 25,000 | 25 | 19,000 |
| Russia | 40,000 | 20 | 32,000 |
| Total in the above countries | 547,000 | ..... | 431,000 |
| In other civilized countries | 53,000 | ..... | 40,000 |
| Total | 600,000 | ..... | 471,000 |

Or, in round numbers, 470,000 kilograms.

In 1885 Soetbeer modified these tables, as follows:

PROBABLE CONSUMPTION OF THE PRECIOUS METALS IN THE ARTS, IN CIVILIZED COUNTRIES, ON THE AVERAGE OF RECENT YEARS.

| Countries. | Gold. | | | Silver. | | |
|---|---|---|---|---|---|---|
| | Gross consumption. | Deduct for old material. | Net consumption. | Gross consumption. | Deduct for old material. | Net consumption. |
| | *Kilos.* | *Per cent.* | *Kilos.* | *Kilos.* | *Per cent.* | *Kilos.* |
| United States | 21,700 | 10 | 19,500 | 135,000 | 15 | 115,000 |
| Great Britain | 20,000 | 15 | 17,000 | 90,000 | 20 | 72,000 |
| France | 21,000 | 20 | 16,800 | 100,000 | 25 | 75,000 |
| Germany | 15,000 | 20 | 12,000 | 110,000 | 25 | 82,000 |
| Switzerland | 15,000 | 30 | 10,500 | 32,000 | 25 | 24,000 |
| Netherlands and Belgium | 3,200 | 20 | 2,900 | 30,000 | 20 | 24,000 |
| Austria-Hungary | 2,800 | 15 | 2,400 | 40,000 | 20 | 32,000 |
| Italy | 6,000 | 25 | 4,500 | 25,000 | 25 | 19,000 |
| Russia | 3,000 | 20 | 2,400 | 40,000 | 20 | 32,000 |
| Other civilized countries | 2,300 | ..... | 2,000 | 50,000 | 20 | 40,000 |
| Total | 110,000 | ..... | 90,000 | 652,000 | ..... | 515,000 |

Says Dr. Soetbeer:

"Mr. Giffen, in his essay entitled Gold Supply: the Rate of Discount and Prices (Essays in Finance, second series, p. 46), says:

"The demand for gold for use in the arts is put by Dr. Soetbeer at nearly £10,000,000, but which is not half that amount, as far as I can judge, if we exclude what is taken for the arts out of the coinage of different countries, and which will be counted among the coinage requirements. Let the estimate for this purpose be £5,000,000.

"This passage indicates a misconception that should be removed. Doubt may exist whether our estimate of the annual net consumption of gold in the arts at 90,000 kilograms be too high or too low; but it is certain that it is immaterial for the problem of prices and of standards of value, whether newly produced and uncoined gold, or gold coin melted down, is used for these purposes. The increment to the monetary supply of gold from the annual gold production is only that sum by which the product exceeds the use in the arts, the export to the East, and any loss from accident. The quantity coined, as such, is not to be considered, since a large proportion of newly coined gold pieces (such as the Russian half imperials) are at once melted and never get into circulation. If in any year gold is produced to the amount of 400,000,000 marks, and if in the same year 320,000,000 are consumed in the arts, exported to the East, or lost by abrasion, then no more than 80,000,000 marks remain for the increase of the monetary gold supply; and it is immaterial whether 30, or 50, or 70 per cent of the gold used in the arts comes from melted coins, old or new. We are inclined to agree that half, or perhaps more, of the gold used in the arts (after deducting the gold articles remelted) is obtained by melting coins; but this is of no importance so far as the monetary gold supply and the level of

prices are concerned. We have added this note because of the great importance of the manner and extent of the use of gold in the arts."

Writing in 1891, Dr. Soetbeer says of the industrial consumption of gold:

The quantity of gold employed annually in civilized countries in the manufacture of ornaments and for other industrial and technic purposes, we estimated some years ago at about 110,000 kilograms of gold, of which 20,000 came from old material. Only a comparatively small part of the gold so employed for the first time is taken directly from the recent production. As far as we know, this estimate, a very hazardous one in itself, has not been considered in any quarter as obviously too high or exaggerated. Since then the industrial consumption of gold has presumably increased. Thus far efforts to obtain special information on the industrial employment of the precious metals in a country have been made only in the United States. There the industrial consumption of gold in 1885 was assumed, after a revision of the first investigations, to be $11,152,120, of which $426,879 came from domestic coins melted down and $2,090,708 from old material. The latest inquiry, made in accordance with a new method, has shown a considerable increase in that employment, and the amount of it in 1889 to be $13,623,935, or about 20,500 kilograms of gold, of which $3,218,871, or about 4,850 kilograms, were remelted old material. The similar inquiry instituted for the year 1890 showed an industrial gold consumption in the United States of $18,105,910, of which $10,717,472 were new bullion, relatively, much less previously. An independent estimate recently made by an expert in such matters put the industrial consumption of gold in Pforzheim, Hanau, Gmünd, together with Stuttgart, Nurenberg, Berlin, and other German places at a total of 15,500 kilograms, while our estimate of the same in 1883 was 15,000 kilograms, of which about 20 per cent was from old material.

Prof. Suess recently informed a meeting of Austrian economists, assembled to discuss the question of the standard, that the Société anonyme d'affinage in Geneva required last year 10,200 kilograms of gold for watches, chains, etc., and that besides this refined gold large sums of gold coins had been melted there for industrial purposes.

In Birmingham, according to the chamber of commerce of that place, 12,400 kilograms of fine gold were used in the exports of gold wares. The net amount of gold required in industry and the arts must now be estimated at 100,000 to 120,000 kilograms.

The total production of gold, as has been already shown, averaged, according to an approximate estimate, during the years 1881–1889, about 160,000 kilograms per annum. If we deduct from this amount for export to British India, for the amount hoarded and for net industrial consumption, a total of 120,000 kilograms, there remains for the increase of the active monetary gold stock of civilized countries, about 40,000 kilograms a year.

Dr. Soetbeer does not say in what proportion the 100,000 to 120,000 kilograms of gold at which he estimates the annual industrial consumption of that metal was distributed among the several countries in 1881–1889.

Of the industrial consumption of silver, he says:

In order to judge of the economic relations and circumstances of the precious metals, an inquiry into the use of silver in the manufacture of utensils and for industrial purposes seems to be as necessary as difficult; and, even after the greatest care and caution have been taken in making it, the results reached are very unsafe and incomplete. If it could be ascertained, with some degree of reliability, what quantities of silver were annually employed in industry, which may be determined to a certain extent from the amount of manufactured articles stamped, of which a record is kept in most countries, even that would not furnish the desired information because a larger or smaller part of the silver employed is nearly always

derived from old articles of silver melted down or from old coins. The principal thing to be established is, what proportion the industrial employment of the silver, never before industrially consumed, bears to the silver newly produced and to the monetary employment of silver. As to the quantities of silver withdrawn directly or indirectly from the circulation for use in the industrial arts, they are to be put on the same footing as quantities taken directly by manufacturers from the new production of the year, since out of the latter must be procured the quantity used to make good the diminution of the monetary silver stock.

We ventured, about eight years ago, to make an independent attempt at an approximate estimate of the annual industrial consumption of gold and silver in civilized countries; we then estimated the gross industrial consumption of silver at 652,000 kilograms, of which about 137,000 kilograms of silver might be reckoned as old material. No further researches have come to our knowledge which have demonstrated that this estimate of a then annual industrial net consumption of silver of about 515,000 kilograms was considerably too high or considerably too low, or that it was improbable; and this, no doubt, is the real reason why the rough estimate mentioned has been frequently repeated since that time.

During the period that has since passed the population and wealth of all civilized States have greatly increased, and as a consequence the industrial consumption of silver has, undoubtedly, also increased considerably, although not to the same extent as that of gold.

The continual decline of the value of silver does not seem to have thus far had any demonstrable, perceptible effect on the increase of the consumption of silver utensils and articles.

The Government of the United States, whose lively interest in the statistics of the precious metals we have already repeatedly acknowledged, may also claim the credit of having first instituted inquiries, after different methods, on the domestic industrial consumption of silver.

Statements of the industrial consumption of the precious metals in the United States, based on extensive inquiries made of the manufacturers, give, for the year 1883, a gross consumption of $5,556,530 (about 134,000 kilograms) and, after deduction of the old material, $5,334,579 (127,000 kilograms). An inquiry of a similar nature, made two years later, shows the industrial consumption of silver to be only $3,475,413, of which $574,528 were from old material, so that the net consumption of silver amounted to only 70,000 kilograms.

The Director of the Mint was then of the opinion that the data given by the manufacturers in 1883 were presumably too high and that there were, perhaps, some duplications.

The most recent inquiries, made after a new method, namely, as to bars furnished by parting establishments for industrial use, have, however, proven that the industrial employment of silver in the United States is much greater than has been assumed, as a result of the earlier inquiries. It was as follows:

| Year. | Consumption of silver. | Old material. | Net consumption. | |
|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Kilos.* |
| 1888 | 7,908,025 | 652,047 | 7,255,978 | 177,800 |
| 1889 | 8,569,318 | 611,015 | 7,958,303 | 191,400 |
| 1890 | 9,231,178 | 2,087,543 | 7,143,635 | 170,800 |

This large increase of the industrial consumption of silver in the United States, can certainly not be ascribed solely to the changed method of determining it, but is, doubtless, partly due to a real increase in the purchase of silverware and the extension of the manufacture of such ware. In the other countries likewise in which

the manufacture of silver utensils and articles of ornament is carried on, the use of silver required for that purpose has greatly increased since 1883, although not to the same extent as in the United States. An evidence of the gradual increase of the industrial consumption of silver may also be seen in the fact that the quantity of silver refined by parting establishments has grown considerably larger from year to year, for fine silver is in demand almost exclusively by manufacturers since the direct melting down of silver coins has ceased on account of the great loss (as compared with their nominal value). Thus the gold and silver parting establishment at Frankfort sold fine silver as follows:

| Year. | Kilograms. | Year. | Kilograms. |
|---|---|---|---|
| 1882 | 181,260 | 1887 | 295,696 |
| 1883 | 211,590 | 1888 (about) | 340,000 |
| 1884 | 231,916 | 1889 (about) | 338,000 |
| 1885 | 257,410 | 1890 | 360,000 |
| 1886 | 258,274 | | |

Besides the Frankfort establishment just mentioned, fine silver is prepared in Europe by the firms of Raphael, Rothschild, Johnson, Mathey & Co. in London; by the establishment of Lyon Alemand in Paris; the North German Refining Company in Hamburg; the mints of Vienna and Kremnitz; the smelting works of Freiberg and Lautenthal, etc. Without any fear of being charged with making an overestimate, we think that we may calculate the net industrial consumption of silver in Europe and the United States (which, as remarked above, we estimated at 515,000 kilograms for 1883) to have averaged during recent years from 650,000 to 750,000 kilograms of silver per annum.

As in the case of gold, Dr. Soetbeer does not inform us in what proportion this annual industrial consumption of silver was shared by the several countries in 1881–1889.

Ottomar Haupt, Arbitrages et Parités, eighth edition, 1894, says:

It is exceedingly difficult to arrive at an exact valuation of the amounts of gold and silver annually absorbed by industry. The following figures, therefore, of the industrial consumption of the precious metals, which are only those of the metal obtained from new production, and must be taken with caution:

OTTOMAR HAUPT'S TABLE OF THE INDUSTRIAL CONSUMPTION OF GOLD AND SILVER IN THE WORLD IN 1893.

| Country. | Industrial consumption of gold. | | Industrial consumption of silver. |
|---|---|---|---|
| | *Kilos.* | *Francs.* | *Kilos.* |
| England in 1890 | 17,000 | 58,000,000 | 80,000 |
| France in 1890 | ..... | ..... | 80,000 |
| France in 1892 | 12,000 | 41,000,000 | ..... |
| Germany in 1890 | 15,000 | 51,000,000 | 100,000 |
| America in 1891 | 15,000 | 51,000,000 | 115,000 |
| Switzerland in 1890 | 6,000 | 20,000,000 | ..... |
| Switzerland in 1892 | ..... | ..... | 50,000 |
| Astria in 1892 | ..... | ..... | 90,000 |
| Other countries | 14,000 | 49,000,000 | 145,000 |
| Yearly total | 79,000 | 270,000,000 | 600,000 |

Mr. Ottomar Haupt, continues: If we were to proceed in an entirely rigorous way, it would be necessary to add to the amounts which industrial consumption takes from the manufacture of gold and silver coins a certain sum represented by the abrasion of the coins in circulation. Wear and tear evidently cause these pieces to lose a small fraction of their weight, but this loss can not be generalized, nor applied to the total gold and silver in circulation, and all the less as this deperdition, although it exists as a fact, plays no part in practice. Indeed, thousands of millions of coins remain always intact in the vaults of the great banks of issue, and scarcely any Government dreams of systematically retiring from circulation the pieces that have become too light from abrasion. These facts show that it is wrong to put the amount of gold and silver lost annually by the abrasion of coin at a very high figure; if we increase the total of the consumption given above by 10,000,000 and 4,000,000 francs, respectively, by raising them to 280,000,000 francs for gold and 630,000 kilograms for silver, we believe that we shall have taken sufficiently into the account, not only abrasion, but any other mode of deduction that can be foreseen.

In 1893, for the first time, an interrogatory relating to the industrial consumption of gold and silver was included in the list of questions sent, in this Bureau's annual circular of inquiries addressed, through our representatives abroad, to the governments to which they were accredited.

The only answers received to that interrogatory conveying any information were from France, Sweden, and the Netherlands.

Taking the industrial consumption in the United States given above, that of France, Sweden, and the Netherlands, as reported to this Bureau for 1893, those of Mr. Ottomar Haupt for 1890, 1891, and 1892, and those of Dr. Soetbeer for 1885, give the following table of the net industrial consumption of gold in the world, as nearly as the same can be estimated in 1894:

| Country. | Authority. | Net consumption. |
|---|---|---|
| | | *Kilos.* |
| United States, 1893 | Mint bureau | 15,736 |
| France, 1893 | do | 12,000 |
| Sweden, 1893 | do | 120 |
| Netherlands, 1893 | do | 330 |
| England, 1890 | Haupt | 17,000 |
| Germany, 1890 | do | 15,000 |
| Switzerland, 1890 | do | 6,000 |
| Belgium, 1885 | Soetbeer | 2,070 |
| Austria-Hungary, 1885 | do | 2,400 |
| Russia, 1885 | do | 2,400 |
| Other civilized countries, 1885 | do | 2,400 |
| Total | | 75,456 |

This estimate would give the gold industrial consumption of the world at present at, in round numbers, at 75,500 kilograms, of the value of $50,177,300.

In the above calculation, $2,777,165 old material and $200,000 foreign gold coin, representing 4,480 kilograms, have been deducted from the gross industrial consumption of gold in the United States to get the

net amount, while the amount reported from France, the Netherlands, and Sweden have, with a like view, been reduced 20 per cent.

Estimating the net industrial consumption of silver in the same way, gives the following table:

| Country. | Authority. | Net consumption. |
|---|---|---|
| | | *Kilos.* |
| United States, 1893 | Mint Bureau | 184,570 |
| France, 1893 | do | 120,000 |
| Sweden, 1893 | do | 2,000 |
| Netherlandy, 1893 | do | 6,618 |
| England, 1890 | Haupt | 80,000 |
| Germany, 1890 | do | 100,000 |
| Switzerland, 1892 | do | 50,000 |
| Belgium, 1885 | Soetbeer | 17,400 |
| Austria-Hungary, 1892 | Haupt | 80,000 |
| Russia, 1885 | Soetbeer | 33,000 |
| Other countries, 1885 | do | 40,000 |
| Total | | 662,588 |

The industrial consumption of silver in the world in 1893 may, therefore, be taken, in round numbers, to have been 663,000 kilograms, of the coining value of $27,554,280, and the commercial value, at the commercial price of silver during the year ($0.78), of $16,622,980.

In the above table of the world's net industrial consumption of silver in 1893, $1,963,540, representing 47,246 kilograms, were deducted from the gross consumption of the metal in the United States, for foreign coin and old material, embraced in the gross consumption. A reduction of 25 per cent was made in the items reported to this Bureau from France, Sweden, and the Netherlands.

This Bureau publishes these figures as an approximate provisional estimate of the annual industrial consumption of gold and silver in civilized countries in 1893. As will be seen, they are based on the latest figures obtainable in the case of each country from trustworthy sources.

*THE WORLD'S PRODUCTION OF GOLD AND SILVER IN 1892 AND 1893.*

In Part II of this report a detailed account of the output of gold and silver of the principal foreign precious-metal-producing countries of the world in 1892 and 1893 will be found. It has been necessary, for reasons stated in the papers in the second part, to modify materially the figures of the gold or silver output of certain countries in 1892, as estimated in this Bureau's report on the production of gold and silver in that year. The new estimate of the silver output of the United States in 1892 has been referred to already, and the reasons for making it set forth. The principal changes in the estimate of the yield of the precious metals in foreign countries in 1892 are these: In the estimate

of the gold product of Africa the output of the West Coast ($1,011,924), calculated from the gold exports of that region to Great Britain, has been added to that of the South African Republic ($23,220,108), giving a total African product of gold in 1892 of $24,232,032, representing 36,461 kilograms fine, against 44,096 kilograms fine, of the value of $29,305,755 in 1893; China, which was dropped by the former Director of the Mint (Mr. E. O. Leech) from the list of gold-producing countries in 1892, has been restored to it in the present report, for reasons explained in the paper on that country, in Part II, its gold output in that year being estimated as equal to the sum of the exports of gold bullion from the Empire to India and Great Britain, viz, 12,678 kilograms, of the value of $8,426,038. Germany, which had also been dropped from the list of gold-producing countries by Mr. E. O. Leech in 1892, is likewise restored to it, having had, according to official returns, a gold output from its own mines in that year of 3,142.2 kilograms, of the value of $2,087,642; the figures of the silver product of Germany in 1892 have, in accordance with official returns, been raised from 184,818 kilograms, of the coining value of $7,681,000, to 212,116 kilograms, of the coining value of $8,815,600. The estimate of the silver product of Mexico in 1892 has been lowered from 1,419,634 kilograms fine, of the coining value of $59,000,000, as estimated by Mr. Leech, to 1,228,994 kilograms, of the coining value of $51,077,000, officially reported to this Bureau by the Mexican authorities. These are the principal modifications made in the present report of this Bureau's estimate of the world's production of gold and silver in 1892.

According to the corrected figures, the production of the precious metals in the world in 1892 was: Gold, 220,133 kilograms, of the value of $146,297,600, and silver, 4,757,955 kilograms, fine, of the commercial value of $133,822,600 and the coining value of $197,740,700, showing an increase over 1891 of a gold output of 23,547 kilograms, or 756,953 fine ounces, of the value of $15,647,600, and an increase in the silver output of 490,575 kilograms, or 15,769,200 fine ounces, of the commercial value ($0.875) of $13,798,000 and the coining value of $20,388,400.

The world's production of gold in 1893 was 234,006 kilograms, or 7,523,362 ounces, fine, of the value of $155,521,700, against 220,133 kilograms, or 7,077,146 ounces, fine, of the value of $146,297,600, in 1892, an increase in weight of 13,873 kilograms, or 446,216 fine ounces, of the value of $9,224,100, in 1893.

The world's output of silver in 1893 was, approximately, 5,013,740 kilograms, or 161,162,000 fine ounces, of the commercial value of $125,706,400 and the coining value of $208,371,100, as compared with the silver product in 1892 of 4,757,955 kilograms, or 152,940,100 ounces, fine, of the commercial value of $133,822,600 and the coining value of $197,940,700, an increase in 1893 of 255,785 kilograms, or 8,221,900 ounces, fine, of the commercial value ($0.78) of $6,413,100 and the coining value of $10,630,400.

Russia is the only gold-producing country of any importance from which no returns had been received for 1893 when this report went to press.

The countries whose gold product shows an increase in 1893 over that of 1892 are:

| Countries. | Increase in value. |
|---|---|
| United States | $2. 955, 800 |
| Australasia | 1, 529, 600 |
| Mexico | 176, 100 |
| Sweden | 3, 500 |
| Italy | 25, 600 |
| Dominion of Canada | 19, 600 |
| British Guiana | 168, 500 |
| Africa | 5, 073, 800 |
| British India | 495, 300 |
| Total | 10, 447, 000 |

The countries whose product of gold in 1893 shows a decrease, as compared with 1892, are:

| Countries. | Decrease in value. |
|---|---|
| Germany | $588, 700 |
| Great Britain | 8, 900 |
| Colombia | 579, 200 |
| Japan | 27, 700 |
| Korea | 18, 400 |
| Total decrease in 1893 | 1, 222, 900 |
| Total net increase | 9, 224, 100 |

The countries whose silver product shows an increase in 1893 over that of 1892 are:

| Countries. | Increase in value. |
|---|---|
| Australasia | $9, 131, 300 |
| Mexico | 6, 280, 600 |
| Sweden | 183, 600 |
| Great Britain | 108, 700 |
| Colombia | 483, 800 |
| Japan | 124, 400 |
| Total increase in 1893 | 16, 312, 400 |

The countries whose output of silver in 1893 shows a decrease, as compared with that of 1892, are:

| Countries. | Decrease in value. |
|---|---|
| United States | $4,525,300 |
| Germany | 575,500 |
| Italy | 455,900 |
| Dominion of Canada | 125,300 |
| Total decrease in 1893 | 5,682,000 |
| Total net increase | 10,640,400 |

The following table shows the production of the precious metals in the world for the calendar years 1873 to 1893:

PRODUCTION OF GOLD AND SILVER IN THE WORLD FOR THE CALENDAR YEARS 1873–1892.

| Calendar years. | Gold. | Silver. | | |
|---|---|---|---|---|
| | | Fine ounces (troy). | Commercial value. | Coining value. |
| 1873 | $96,200,000 | 63,267,000 | $82,120,000 | $81,800,000 |
| 1874 | 90,750,000 | 55,300,000 | 70,673,000 | 71,500,000 |
| 1875 | 97,500,000 | 62,262,000 | 77,578,000 | 80,500,000 |
| 1876 | 103,700,000 | 67,753,000 | 78,322,000 | 87,600,000 |
| 1877 | 114,000,000 | 62,648,000 | 75,240,000 | 81,000,000 |
| 1878 | 119,000,000 | 73,476,000 | 84,644,000 | 95,000,000 |
| 1879 | 109,000,000 | 74,250,000 | 83,383,000 | 96,000,000 |
| 1880 | 106,500,000 | 74,791,000 | 85,636,000 | 96,700,000 |
| 1881 | 103,000,000 | 78,890,000 | 89,777,000 | 102,000,000 |
| 1882 | 102,000,000 | 86,470,000 | 98,230,000 | 111,800,000 |
| 1883 | 95,400,000 | 89,177,000 | 98,986,000 | 115,300,000 |
| 1884 | 101,700,000 | 81,597,000 | 90,817,000 | 105,500,000 |
| 1885 | 108,400,000 | 91,652,000 | 97,564,000 | 118,500,000 |
| 1886 | 106,000,000 | 93,276,000 | 92,772,000 | 120,600,000 |
| 1887 | 105,775,000 | 96,124,000 | 94,031,000 | 124,281,000 |
| 1888 | 110,197,000 | 108,827,000 | 102,283,000 | 140,706,000 |
| 1889 | 123,489,000 | 120,214,000 | 112,400,000 | 155,428,000 |
| 1890 | 118,849,000 | 126,095,000 | 132,400,000 | 163,032,000 |
| 1891 | 130,650,000 | 137,171,000 | 135,525,000 | 177,352,000 |
| 1892 | 146,298,000 | 152,940,000 | 133,823,000 | 197,741,000 |
| 1893 | 155,522,000 | 161,162,000 | 125,706,000 | 208,371,000 |

In Part II of this report will be found separate papers on the gold and silver product of the various foreign countries. The Director has, in all instances, endeavored to state the sources of his information on the output of the precious metals, and to use the exact language of the authority cited in order that the degree of credibility to be attached to such authority might be duly measured.

The United States in 1893 shared to the extent of 23.11 per cent in the total gold production of the world. The world's output of gold in

1893 was the largest in history, amounting, as it did, to 234,006 kilograms, of the value, in round numbers, of $155,522,000.

The highest previous yield of gold was in the period 1856–1860, when the production reached an average weight per annum, according to Dr. Soetbeer, of 201,750 kilograms fine, and an average yearly value of 562,900,000 marks, or $133,970,000.

The output of gold, therefore, in 1893 was 16.08 per cent greater than the annual average of the period of the greatest productiveness of the Californian and Australian gold mines.

A still more notable fact, and one which will be a matter of surprise to the world of finance—as attention is now for the first time called to it—is, that the value of the gold product of the world in 1893 was only 8.77 per cent less than the average aggregate value of the gold and silver product of the world in 1861–1865. Dr. Soetbeer estimates the value of the average total output of gold and silver in the world in 1861–1865 at 715,634,000 marks, or $170,473,383. The value of the world's production of gold in 1893 alone was, as remarked above, in round numbers, $155,522,000, or ($1=4.1979222 marks) 652,869,000 marks, a difference of 62,765,000 marks, or $14,951,400. In other words, the value of the yield of the gold mines of the world in 1893 was only $14,951,400 less than the value of the average yield of both the gold and silver mines of the world in 1861–'65.

The average value of both the gold and silver product of the world for the period of eight years, 1866–'73, which just preceded the beginning of the depreciation of silver, was 801,093,000 marks, or $190,831,000, a difference between the value of the average total of the gold and silver production of these years and that of the gold product of 1893 alone, of only $35,309,000. If the production of gold in 1894 exceeds that of 1893 by 22.7+ per cent, it will reach in value the world's production of both metals ($190,831,000) twenty years ago. This is a most momentous fact, and one which must have much influence on the monetary policy of all civilized states in the future.

The great probability is that the value of the world's output of gold in 1894 will equal that of both metals in the years 1861–'65, and in 1895 or 1896, that of the years immediately preceding the beginning of the depreciation of silver, i. e., the average of 1866–'73, inclusive. It may be predicted with certainty that it will be greater in 1897 than such average.

Of the $14,951,400 of gold needed to bring the value of the yield of the gold mines of the world in 1894 up to that of the world's average output of both gold and silver in 1861–'65, it is even now demonstrable that South Africa alone will furnish at least $8,574,085, leaving an excess of only $7,361,915 to be supplied by other countries.

The production of the Witwatersrandt during the first four months of 1894 was:

| | Ounces. |
|---|---|
| January | 149,814 |
| February | 151,870 |
| March | 165,372 |
| April | 168,745 |
| Total | 635,801 |

The total of the Witwatersrandt for the whole year will, in all probability, be three times this amount, i. e., over 1,907,403 ounces.

If 200,000 ounces for the rest of South Africa be added to the above sum, the total gold output of the Transvaal in 1894 would amount to 2,107,403 ounces of the value of $36,920,436, an increase over the value of the gold product of South Africa in 1893 of $8,626,605, or of 30.49 per cent.

Should the gold product of the other countries of the world increase in 1894 over that of 1893 in the same ratio as that of 1893 did over that of 1892, viz, by $4,150,300, or 3.288 per cent, the production of the the world in 1894 would amount to $168,299,000.

Again, should South Africa's product in 1895 increase in only the same proportion over its estimated output for 1894, viz, 30.49 per cent, or $11,257,041 (the yield of the West Coast continuing stationary at that of 1892, $1,011,924), and the product of the rest of the world in the same ratio as in 1893, the total gold production of the world would, in 1895, increase over that of 1894 by $15,543,500 and reach the figure of $183,842,000, leaving a difference in the value of the estimated production of gold a year and a half hence, and the value of the production of both gold and silver in 1866–1873, of a little less than $7,000,000.

From what has been said, it is plain that in 1894 the value of the output of gold alone will very nearly equal that of the yield of the world's mines of both gold and silver in 1861–'65, and, a little later, that of the total production of both metals before the demonetization or depreciation of silver. Value, not weight, is the thing to be chiefly considered in the production of gold and silver, viewed from a monetary point of view.

The results reached above will be made clearer from the following tabular view:

| | |
|---|---|
| Average value of the world's output of gold and silver, 1861–1865 | $170,473,383 |
| Average value of the world's output of gold and silver, 1866–1873 | 190,831,000 |
| Value of the world's output of gold alone, 1893 | 155,522,000 |
| Estimated minimum value of the world's output of gold alone, 1894 | 168,299,000 |
| Estimated minimum value of the world's output of gold alone, 1895 | 183,842,000 |

If the gold output of the mines of the world in 1893 found its way to the mints of the civilized countries of the earth in the same proportion as to value that both gold and silver did in 1866–1873, the fact that the value of the gold output in the near future will probably equal the value of the average output of both gold and silver in the years immediately

preceding the beginning of the depreciation of silver, must have an important bearing on the question of the necessity of international bimetallism. It can not, however, be admitted to be decisive of such necessity.

But, although the value of the yield of gold in 1893 does not come up to the average of that of both metals in 1886–1873, *there is a possibility* that the value of the new gold available for original coinage in 1893 was greater than the value of the newly produced gold and silver available, in the average, for a like purpose, in the period 1866–1873, and this possibility depends mainly on the approximate correctness of the estimates that have been made of the amounts of gold and silver employed annually in the industrial arts. This much being promised, it may be asked: How much of the 234,006 kilograms of gold produced in the world in 1893 has served, or will probably serve, monetary purposes? The new gold annually produced is employed, partly in the industrial arts; part is definitively exported to the East, and is there hoarded, being withdrawn entirely from the monetary uses of civilized countries. These are the two principal nonmonetary employments of gold. The 37,325 kilograms of gold, at which Russia's production is estimated in 1893, will be kept in the country as was that of 1892, and will, for the present, presumably serve no monetary purpose. To obtain the amount of gold available in 1893 for new coinage in civilized countries, outside of Russia, the sum of these three items must be deducted from the total gold product in the year from the mines of the world.

But what was the amount of gold employed in the industrial arts in 1893? Perhaps as fair a way of calculating it as can be imagined would be to take the average of the estimates made of it, in recent years, by this Bureau, and by competent precious-metal statisticians.

This Bureau has estimated it in the present report at 75,500 kilograms; Ottomar Haupt, in 1894, at 79,000 kilograms; Dr. Soetbeer placed it in 1891 at from 100,000 to 120,000 kilograms; Prof. Lexis believes it can not exceed 100,000 kilograms. Dr. Soetbeer's estimate may be taken at the mean of his maximum and minimum. The estimates of the amount of gold used in industry, would, therefore, stand thus:

| | Kilo. |
|---|---|
| Bureau of the Mint | 75,500 |
| Ottomar Haupt | 79,000 |
| Prof. Lexis' maximum | 100,000 |
| Mean between Dr. Soetbeer's maximum and minimum | 110,000 |
| Total | 364,500 |
| Average estimate | 91,125 |

or, in round numbers, 90,000 kilograms, representing $59,814,000, or, in round numbers, $60,000,000. The net imports of gold into India in 1893 amounted to 4,575.7 kilograms, of the value of $3,039,000. The product of the Russian mines was 37,325 kilograms, of the value in round numbers of $25,000,000. The sum of these items is $88,000,000, which sum deducted from the value of the world's output of gold in

1893, i. e., $155,522,000, leaves an amount of gold available for the new coinage of civilized countries (Russia excepted), of $67,522,000.

How does this value of the amount of gold available for coinage purposes in 1893 compare with that of both gold and silver available for the same purposes in the years 1866–1873? It will be seen from the following calculation that there is at present little difference between them. The average total output of gold in the world in these years was 187,105 kilograms. The net average amount of gold consumed in the arts in 1871–1873, according to Dr. Soetbeer, was 84,000 kilograms. The average definitive export of gold to India, 1866–1873, was 30,478 kilograms, or $20,255,615. Thus the total gold devoted to other purposes than coinage in 1871–1873, was 114,478 kilograms, leaving 72,627 kilograms of the value of $48,267,904 gold, to be employed in the coinage of civilized countries.

The average total output of silver in the world in the years 1866–1873 was 1,575,462 kilograms. The net average amount of silver consumed in the arts, 1871–1873, was, according to Dr. Soetbeer, 471,000 kilograms, or, in round numbers, 470,000 kilograms. The average net export of silver to India, 1866–1873, was 809,647 kilograms, of the value of $33,648,925. The total silver, therefore, employed otherwise than in the coinage of civilized States, was 1,279,647 kilograms, leaving for the latter purpose an average of 295,815 kilograms of silver, of the value of $12,294,071. Adding this amount to that of the gold available for new coinage in 1866–1873, gives an average total value of the two metals that might have gone to add to the monetary circulation of civilized countries in the years just previous to the depreciation of the white metal, of $60,561,975, as compared with $67,522,000, the value in 1893, of the gold alone, available for coinage purposes, an increase in the latter year of $7,000,000. The production of gold in the near future will increase this difference in favor of 1894 and the following years, thus giving a larger amount of gold for the coinage purposes of civilized nations (except Russia) to keep pace, to some extent at least, with the growth of population. No deduction from the total gold product of 1893 was made for the wear and tear of gold coins in circulation, which must be taken from the total available for coinage before there can be any real increase in the gold currency of the world, for the reason that, as compared with the other items, it is insignificant.

There is another point to which attention must be called here. It is this: Gold at present exported to Russia is, to a very great extent, like the gold exported in years past to India. It is largely definitive exportation, and is hoarded, not so much by individuals as by the Imperial Government and the Bank of the State. Russia withdraws from circulation not only the product of its own gold mines, but the foreign coin and gold bars which it imports. The net import of gold bars and coin into Russia in 1891 and 1892 amounted to $55,301,098 and $89,301,098 in those years, respectively. As the balance of trade

is favorable to Russia, and has been for a number of years, this excess of imports of gold bullion and foreign gold coin into Russia, like the gold output of its own mines, serves no monetary purpose, and to the extent of the excess of the imports of foreign gold, at least, impoverishes the gold monetary circulation of some other country.

The amount of gold accumulated in the Imperial Russian treasury and Bank of the State was as follows, at the end of the years named:

| Years. | Roubles. | Dollars. | Years. | Roubles. | Dollars. |
|---|---|---|---|---|---|
| 1883 | 187,000,000 | 144,326,600 | 1889 | 312,000,000 | 240,801,600 |
| 1884 | 196,000,000 | 151,272,800 | 1890 | 348,000,000 | 268,586,400 |
| 1885 | 211,000,000 | 162,849,800 | 1891 | 355,000,000 | 273,969,000 |
| 1886 | 284,000,000 | 219,191,200 | 1892 | 545,000,000 | 420,631,000 |
| 1887 | 255,000,000 | 196,809,000 | 1893 | 612,033,000 | 472,367,000 |
| 1888 | 273,000,000 | 210,701,400 | | | |

This fund has been amassed, to a large extent, by draining the channels of the monetary circulation of foreign countries, which must be again replenished from newly produced gold before there can be any increase in the actual active gold circulation of the world from the annual output of the metal.

Just now very little gold leaves Russia except to pay the interest on its gold debt.

That Russia's balance of trade is favorable to it, appears from the following table:

| Years. | Exports in credit roubles. | Imports in credit roubles. | Excess of exports, credit roubles. |
|---|---|---|---|
| 1884 | 589,000,000 | 536,000,000 | 53,000,000 |
| 1885 | 538,000,000 | 435,000,000 | 103,000,000 |
| 1886 | 488,000,000 | 426,000,000 | 62,000,000 |
| 1887 | 622,000,000 | 399,000,000 | 223,000,000 |
| 1888 | 793,000,000 | 386,000,000 | 407,000,000 |
| 1889 | 766,000,000 | 431,000,000 | 335,000,000 |
| 1890 | 703,000,000 | 406,000,000 | 297,000,000 |
| 1891 | 721,000,000 | 379,000,000 | 342,000,000 |
| 1892 | 470,000,000 | 367,000,000 | 103,000,000 |

There may be some doubt as to whether the product of Russia's gold mines in 1893 should be considered as not available for monetary purposes, and the right decision of the question is not devoid of difficulty. The same may be said of its net imports of gold from foreign countries which, during the past three years, have been devoted to increasing its gold treasure. What Russia's policy is in accumulating so large an amount of gold has been explained in different ways by different publicists. It has been said that Russia is increasing its gold stock in

order to increase its credit and its financial standing with the leading states of the world. If this be the explanation, it has succeeded. Then it has been claimed that the gold accumulated by the Empire is a war fund. Lastly, it is contended that it is amassed as a step towards the reform of Russia's currency and the adoption in practice of the gold standard. If accumulated as a war fund, it has at present, at least, no monetary use. If as a measure of currency reform, or as a redemption fund at some future day, for the paper credit roubles, now the exclusive monetary medium of the country, it must be considered even at present as serving a monetary purpose; and in this case the amount of new gold available in 1893 for coinage would have to be placed, not at $67,000,000, but at $92,000,000, an increase of 53.3 per cent over the amount of both gold and silver that could have been employed for the same purpose in 1866–1873.

No matter what the purpose for which Russia has collected its vast amount of treasure, it must, sooner or later, find a monetary employment at home or abroad.

### *WORLD'S COINAGE.*

In the Appendix will be found a table, revised from the latest information received, exhibiting the coinages of the various countries of the world during the calendar years 1891, 1892, and 1893.

The following is a summary of the same:

| Calendar years. | Gold. | Silver. |
|---|---|---|
| 1891 | $119,534,122 | $138,294,367 |
| 1892 | 172,473,124 | 155,929,765 |
| 1893 | 231,862,530 | 135,945,426 |

The above figures represent, as nearly as this Bureau has been able to ascertain, the total value of the gold and silver coinages executed in the world during the years therein named.

It must be borne in mind, however, that the total of these coinages does not correctly represent the amount of new gold and new silver made into coins during the year, for the reason that the coinages as reported include the value of domestic and foreign coins melted for recoinage, as well as old material, plate, etc., used in coinage.

In the circular letter of inquiry prepared at this Bureau and sent to foreign governments through the Department of State, asking for information on these subjects, it was especially requested that each country report the amount of such recoinages. This has been done in many instances, but not in all.

# REPORTS OF THE SPECIAL AGENTS OF THE BUREAU OF THE MINT ON THE PRODUCTION OF THE PRECIOUS METALS IN 1893 IN THE SEVERAL STATES AND TERRITORIES.

# I.

## *ALASKA.*

By CHARLES G. YALE.

There is very little variation in either the gold or silver product of Alaska from year to year. The gold remains from $1,000,000 to $1,100,000, and the silver a little over $10,000.

The product of the Territory for the calendar year 1893, as shown by returns from producers received at the mint at San Francisco, is as follows:

| | |
|---|---|
| Gold | $1,038,824.00 |
| Silver | 10,983.92 |
| Total | 1,049,807.92 |

The output of the year 1892 was:

| | |
|---|---|
| Gold | $1,080,446 |
| Silver | 10,030 |
| Total | 1,090,476 |

A comparison of these figures shows a nominal increase in the silver product and a decrease of gold output of $41,622. There were, however, some mines which reported product in 1892 from which no returns were received in 1893.

The Yukon River placer mines made a considerably larger product than in the previous year. At Forty-mile Creek 35 miners took out $25,000; at Nugget Gulch 3 men took out $1,500; at Franklin Gulch 40 men took out $35,000; at Miller Creek 80 men obtained $100,000; at Davis Creek 35 men got $30,000, and at Pilker Gulch 3 men obtained $4,000, for the season's work. The Bethel mine, also on the Yukon, at Tanana, made a product of $2,500. Up about the region of Forty-mile Creek there are some 50 or more miners prospecting. Miller Creek was struck in the spring of 1893 and the men took up some fifty claims of 500 feet each. Nineteen claims were worked during the season of 1893.

Toward the mouth of the creek the ground is from 15 to 25 feet to pay dirt, and very flat and more difficult to open than above.

The Gold Hill mine at Tanana station was not operated last season, owing to lack of material to work with.

At Juneau the yield from the Juneau Mining and Manufacturing Company was some 800 tons of ore, averaging about $11 per ton.

The Apollo Consolidated mine, which produced $48,000, is on Unga Island, one of the Aleutian group.

The silver obtained in the Territory, amounting to $10,982.93, and $5,641.72 of the gold came from small lots of ore sent to the Tacoma Smelting and Refining Works for treatment. These lots of ore were mainly for purposes of test from quartz mines in various parts of Alaska, where men are opening or developing new claims.

The most important mine in Alaska, and the one making the largest product, is owned by the Alaska-Treadwell Gold Mining Company. It is situated on Douglas Island and is equipped with a quartz mill of 240 stamps, with all the necessary concentrators and modern machinery.

The record of bullion output by this mine is a somewhat remarkable one, considering the low grade of the quartz mined and worked. In 1893 the ores produced and worked amounted to 237,127 tons, of an average assay value of $2.42, from which was obtained $779,782.28, or 40,868.88 ounces of gold of an average fineness of 0.923. The increase of product of gold over that of 1892 was $103,556.93. The mill of this company is operated by water power, and both mining and milling are accomplished at a remarkably cheap rate. The quartz deposit is very extensive and more in the nature of an immense quarry than an ordinary lode. Supplies are obtained from San Francisco by sea at rates even less than many mines in California obtain them by rail or road.

The mining season for placer work in Alaska is quite short, and the country is an expensive one to prospect. There are no roads, and water transportation is necessary in most cases. The men go from place to place in canoes. In the winter most of the placer miners come to San Francisco, returning in the early spring.

# II.

## *ARIZONA.*

By JOHN F. BLANDY,
*Mining Engineer, Prescott, Aris.*

The yield of gold in Arizona for the year 1893 was nearly equal to that for 1892, notwithstanding the fact that the three largest mines in Yavapai County have been idle almost all the year and a large mine in Pinal County for six months of the year. This has been made up by an increased yield in Chapparel district of Yavapai County, discoveries in the Superstition district of Pinal County, and greater activity in gold mining in Pima County. There is greater activity in that industry at the present time throughout the Territory than ever before.

The yield of silver was more than double that of the year 1892. This came almost all from the White Hills district of Mohave County. The indications are that there will be a still greater increase in the year 1894, as it is not likely that the price of silver can drop low enough to make such rich ores unprofitable. In all other sections of the Territory silver mining may be said to be at a standstill.

Where returns have been made to me in dollars and cents, I have changed it into ounces of silver, at an average value of 75 cents per ounce. So many reports have been marked "confidential" that I have given no detail of the counties.

PRODUCTION OF ARIZONA FOR THE YEAR 1893.

| Counties. | Gold. | | | |
|---|---|---|---|---|
| | Per express. | In ores. | Total. | Value. |
| | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | |
| Cochise | 125 | 3,751.8 | 3,876.8 | $77,536 |
| Gila | 60 | | 60 | 1,200 |
| Graham | 14.2 | | 14.2 | 284 |
| Maricopa | 2,616.8 | | 2,616.8 | 52,326 |
| Mohave | 360.5 | 4,710 | 5,070.50 | 101,410 |
| Pima | 4,686 | | 4,686 | 93,720 |
| Pinal | 7,623 | | 7,623 | 152,460 |
| Yavapai | 7,350 | 9,637.75 | 16,987.75 | 339,755 |
| Yuma | 17,976 | | 17,976 | 359,520 |
| Total | 40,811.5 | 18,099.55 | 58,911.05 | 1,178,211 |

PRODUCTION OF ARIZONA FOR THE YEAR 1893—Continued.

| Counties. | Silver. | | | | Total value of gold and silver. |
|---|---|---|---|---|---|
| | Bullion. | Ores. | Total. | Value at $1.2929. | |
| | *Fine ounces.* | *Fine ounces.* | *Fine ounces.* | | |
| Cochise | ..... | 479,114 | 479,114 | $619,446.49 | $696,982.49 |
| Gila | 18,798 | ..... | 18,798 | 24,303.93 | 25,503.93 |
| Graham | 2,700 | ..... | 2,700 | 3,490.83 | 3,774.83 |
| Maricopa | ..... | ..... | ..... | ..... | 52,328.00 |
| Mohave | 10,000 | 1,548,377 | 1,558,377 | 2,014,825.62 | 2,116,235.62 |
| Pima | 163,962 | 1,895 | 165,857 | 214,436.51 | 308,156.51 |
| Pinal | 2,645 | ..... | 2,645 | 3,419.72 | 155,879.72 |
| Yavapai | 1,300 | 265,340 | 266,640 | 344,738.85 | 684,493.85 |
| Yuma | 100,000 | ..... | 100,000 | 129,290.00 | 488,810.00 |
| Total | 299,405 | 2,294,726 | 2,594,131 | 3,353,951.95 | 4,532,162.95 |

| | Pounds |
|---|---|
| Total copper | 44,251,283 |
| Total lead reported | 3,285,992 |

# III.

## *CALIFORNIA.*

By CHARLES G. YALE.

The superintendent of the mint at San Francisco reports the product of precious metals of the State of California for the calendar year 1893 to have been:

| | |
|---|---|
| Gold | $12,538,779.60 |
| Silver | 537,158.37 |
| Total | 13,075,937.97 |

As against the preceding year as follows:

| | |
|---|---|
| Gold | $12,571,900.57 |
| Silver | 463,602.46 |
| Total | 13,035,503.03 |

These figures show a decrease of gold product of $33,120.97 and an increase in silver of $73,555.91. The total increase in precious-metal product for the year is $40,434.94. Considering the total amount, these differences are merely nominal, though the increase of silver is somewhat marked, especially in view of the fact that so many silver mines are closed. The silver from California this year comes almost entirely from a few large properties in San Bernardino County.

The increase is even larger than it appears, since a portion credited to California in the statistics of 1892 properly belongs to the State of Nevada, for reasons given under the remarks concerning Mono County, in another part of this chapter. While the gold product of the State shows a very slight variation from the amount of the previous year, there is reason to believe that there will be a material increase for several years to come by reason of the increased interest manifested in the gold-mining industry. Silver, copper, and lead mining has been in such a depressed condition that men from other States have turned their attention to gold mining. As California has the most extensive auriferous area in the United States, it is to this State attention is naturally turned; and there has been more demand for gold properties during the past six or eight months than has been the case in twenty years. Moreover, the California mining men themselves, who have invested more or less in silver mines elsewhere, are realizing better the

possibilities of profit in their own State, and are opening and developing gold mines in the various counties.

It is a fact worthy of note that many of the larger producing properties of the State have materially increased their output this year over their records of 1892. The three leading gold mines of the State may be cited as confirmatory examples. The Utica Mining Company, at Angel's Camp, Calaveras County, the largest producer in the State, which yielded $474,713.14 in gold in 1892, returns this year $1,309,987.51, an increase of $834,256.37, an amount above the entire output of the county in 1892. The Kennedy Mine, Jackson, Amador County, the second in rank, which yielded $446,659.97 in 1892, increases its yield this year to $662,729.63, an increase of $216,069.66. The North Star Mine, of Grass Valley, the third in rank, with a yield in 1892 of $235,391.06, returns this year $335,756.94, an increase of $100,365.88. It is noteworthy that all these were old mines reopened or put in producing shape by the investment of capital. These three examples, of many on a smaller scale which might be cited, have encouraged, others to reopen properties which have laid idle for years and which did not pay under the conditions with relation to quartz mining which existed twenty or twenty-five years ago.

At Forbestown, Butte County, a very old district, capital has been invested, and there are now several producing properties. Around Angel's Camp, Calaveras County, where the Utica properties are situated, many of the old claims have been purchased and are being properly developed. This is true of many other parts of the State in the older mining counties. The conditions of gold mining are now much better understood than formerly, and both mining and milling are carried on at a great deal cheaper rate than has before been known. There has been a distinct revival in the quartz-mining industry in California in the past year, but the effect on the bullion product will scarcely be shown before the end of 1894, because so much preliminary development work is now being done. In addition to the old mines, a number of new ones are being opened, and some few which were formerly producers have been found not to pay.

The inquiry will naturally follow: Why, in view of the material increase of gold product, shown by the examples cited, there has not followed a corresponding material increase in the total gold product of the States? This is almost entirely due to the fact that the estimate of output of small mines, and Chinese in the various camps of the different counties of the State, have been made in a somewhat conservative manner, and carefully analyzed and compared with the output of the individual mines at the respective places. In brief, the endeavor has been to exercise every effort to obtain actual returns to take the place of estimates.

In California there are many Chinese, Portuguese, and Italian miners, from whom, with few exceptions, it is impossible to obtain returns from

circulars, or answers to letters of inquiry. Where there are many of these, or many white miners owning small claims producing only a few hundreds a year, dependence must be placed on the estimates of express agents, gold-dust buyers, and merchants who handle the product, or prominent miners familiar with the mines of the locality. Naturally, care and judgment must be exercised with respect to such esitmates, since they may frequently include amounts already reported to the mint from individual mines. Comparisons must be made with figures already received from the same place, in order not to duplicate amounts.

This year, as stated, these estimates of small mines and Chinese are treated very conservatively, and amounts already received from the respective places deducted from them, which will account, in a measure, for the generally reduced figures under these heads. It is thought, however, that in most cases due justice has been done to the mines without there being any danger of exaggeration. It may be stated, generally, that direct returns are, in most cases, of less amounts than the estimates made by persons not directly interested in the mines themselves, and this is most marked in the case of large properties.

A word should be said concerning the "confidential reports," the amounts of which, in some counties, are quite large. In such cases, however, direct returns have been received from the producers. In many instances mine owners, especially of larger properties, object to publicity of their business operations. They are willing that the mint should know the amounts produced, but object to general publicity.

It is necessary to respect this confidence, otherwise the returns would not be given, and the statistics would be deficient and incomplete. Personal letters, in addition to the usual blanks, were sent in numbers this year to the larger companies, giving assurance that the information would be considered confidential, and many more than the usual returns were received in consequence.

One branch of the gold-mining industry in California, which has been dormant for some years, is about to be again put in a producing condition by the operation of new Federal laws now in force. The hydraulic mines, in that extensive region of the State drained by the Sacramento and San Joaquin rivers and their tributaries, were closed down some years since by injunctions of the U. S. circuit court, because the débris or tailings, resulting from their operations, filled in and injured the navigable streams and the farming lands along their banks.

Long and costly litigation and bitter controversy, between the farmers of the valley and the miners in the mountains, finally resulted in the injunctions referred to and the hydraulic mines, large and small, were compelled to stop work wherever their débris went into the main streams or tributaries. Thus great productive hydraulic mining properties, with their extensive ditch systems, reservoirs, and mining plants, in which about $100,000,000 was invested, became nonproductive and valueless.

In the latter part of 1891, steps were taken by the miners to organize and bring their grievances to the attention of Congress, in the hope that some relief might be granted. A very fully attended miners' convention met at San Francisco, Congress was memorialized on the subject, and a State miners' association organized. The State legislature was appealed to and also adopted a memorial to Congress. As the result of this agitation Congress, in March, 1893, passed the so-called Caminetti Act, which permits these auriferous gravel mines to be operated by the hydraulic process under certain conditions and restrictions.

The essential features of the law are that all such mines operated under this system shall impound or restrain their débris or tailings, and prevent them from entering the navigable streams or injuring the land of other parties. Under the act, the California débris commission, consisting of three officers of the Corps of Engineers, U. S. Army, were appointed by the President. This commission is empowered to issue licenses for mining by the hydraulic process under this act, when it is satisfied that the débris dams or the impounding works are sufficient to restrain the débris. The hydraulic miner must make application to the commission for license to mine and submit plans of the proposed restraining works which are subject to the approval of the commission. Each separate application is advertised for a specified time and a hearing is held before the commission, at which those opposed to the issuance of license may state their reasons. When the plans are approved and the necessary works constructed, members of the commission make a personal examination of them, and if satisfied that the débris can be restrained, a license to mine by hydraulic process is granted and the mine may begin operations. If they see any reason to believe, however, that damage will be done to the rivers or to individuals by the operation of the mine, no license is granted and the mine may not be legally worked. Moreover, even after license is granted, if débris is for any reason permitted to enter the stream, or if it is not properly impounded, the license may be recalled.

The law was passed and approved in March, 1893, and the California Débris Commission appointed in May of the same year. Since that time some 20 or 30 large hydraulic properties, having built the necessary impounding dams, have been granted licenses, and numerous applications are pending. Few mines, however, were ready to work to any extent during 1893, and the effect of the law on the bullion yield of California will not be felt until during 1894. The product from this class of mines will probably not come up to its former amount since, under the new system, the amount of gravel washed will be more restricted. The débris must be run into settling basins behind the dams and allowed to settle so that a much smaller quantity of gravel can be handled than when the tailings did not have to be cared for.

It is proper to state that this new law applies only to that section of the State drained by the Sacramento and San Joaquin rivers and their

tributaries. In the northwestern portion of California, in Siskiyou and Trinity counties, where there are extensive gravel deposits, there is no restriction on hydraulic mining. The hydraulic mines in that section dump their tailings into the tributaries of the Klamath River, which has been officially declared a nonnavigable stream.

It should be borne in mind that the miners themselves must bear the expense of the restraining works for their respective mines, and, for this reason, hundreds of the smaller ones, especially in Sierra and Plumas counties, where they are numerous, will not be operated for some time to come, their owners, having become impoverished by enforced cessation of operations during a series of years, have not, generally, the money to construct the necessary impounding works. It is reasonable to expect, however, there will be an increased yield of one, two, or three millions of dollars a year from the mines which will again become producers during the next two or three years.

Experience shows that not only in hydraulic, but in quartz and other branches of gold mining, those enterprises into which capital has been invested pay the best profit and that gold mining on a small scale is not proportionately so remunerative as that carried on in a systematic manner backed by abundant means. As capital is still further invested in the gold mines of California better returns may be hoped for.

*Amador*, which was third among the gold-producing counties of California in 1892, maintains the same relative standing for this year, though it shows an increase of product of $292,813.10, the output having been $1,218,391.44 in 1892, and $1,511,204.54 in 1893. The larger proportion of this added product may be said to have come from the Kennedy Mining Company's property which yielded $216,069.66 more than in the previous year. The principal mining done in this county is in quartz, though there are also some gravel-mining operations. Several mines at Irmaville and at Hardenburg make reports this year from which returns have not previously been received. Several of the larger mines at Jackson and Sutter Creek insist upon their reports being confidential this year, and the confidential returns from Volcano are also quite large. This will account for the amount of "confidential returns" from the county.

*Butte County* shows practically the same output as in the previous year, there being a decrease of less than $5,000, which is more than accounted for by failure to obtain more complete returns from the mines around Deadwood, Merrimac, and Powellton, since several reporting the previous year did not do so in 1893. More complete reports were received from Bangor and several other places, but in some instances the returns have been less, especially at Cherokee. At Forbestown there has been quite a revival in quartz operations in the past two years, and there are several large properties producing, the returns from which are included in the confidential reports from the

county. At this place there are many smaller quartz claims in process of development.

*Calaveras County* makes a brilliant record for 1893, and now stands as the second among the producing counties of the State, being led only by Nevada County. The figures of product for the year are as follows:

| | |
|---|---|
| Gold | $1,669,192.95 |
| Silver | 121.80 |
| Total | 1,669,314.75 |

The output for 1892 was:

| | |
|---|---|
| Gold | $794,531.31 |
| Silver | 24,441.32 |
| Total | 818,972.63 |

This shows a total increase for the year of $850,342.12, an amount greater than the entire production of 1892. This phenomenal increase may be credited entirely to the output of the Utica Mining Company's properties at Angels Camp, which made a yield in 1892 of $474,731.14, gold, and in 1893 turned out $1,309,987.51. The increase from the properties of this company alone was several thousand dollars more than the entire output of the county during the previous year.

This is a consolidation of several claims, and the quartz varies in value from $3 to $60 per ton, with the sulphurets running from $40 to $70 per ton. Three mills, aggregating 160 stamps, crush the ore. The vein varies in width, but is quite large in one place, in the Utica mine proper, being 80 feet wide. It is expected that for 1894 a very much larger yield will be made, since for the first three months the monthly output has been doubled over the previous year. The properties are owned by a private corporation. While the product of silver of the county was $24,411.32 in 1892, it is only nominal this year. Almost the entire silver from this county the previous year was from the Satellite copper mine at Campo Seco, which was closed down during 1893.

The increase in gold, as stated, was almost entirely from the mines at Angels Camp, at which place there has been a marked revival in the mining interests, owing to the phenomenal output of the Utica properties and many old claims being reopened. From Campo Seco the returns of bullion are smaller, owing to the cessation of work on the Satellite, as previously stated. Mokelumne Hill shows a marked increase and many more mines are shown to be in a producing stage. There is little or no change in the totals from Murphy's. The Shenandoah, at Mountain Ranch, made a smaller yield the past year; Railroad Flat also shows reduced figures, and from San Andreas smaller returns were received. There is an increase from the mines at Vallecita, while at Valley Springs only half the amounts were produced that were returned for 1892. West Point shows only $9,000, against $15,000 for the previous year. The confidential reports from the county are very much larger than in 1892.

*Colusa County*, which did not appear in the statistics of 1892, makes a nominal yield this year from a mine at Sulphur Creek.

*Del Norte County* more than doubles its product this year, but the total is only $10,352 from the placers around Gasquet.

*Eldorado County* did not make a suitable showing in the statistics of 1892, the total returns being only $198,321.54. However, the largest mine in the county, Idlewild, made no returns that year, although it really was a producing mine with 40 stamps running during the year. The owners, however, declined to make public their product.

This year this mine makes returns of $150,015.53, and the county returns show a total output of $295,830.06, or $97,508.52 more than the previous year. It was in this county that the discovery of gold in California was made by Marshall, and its principal product has always been gold. The low relative standing in which it was placed by the report of the Director of the U. S. Mint was, therefore, the subject of some adverse criticism by the county press. If, however, the figures given were below the real truth, the fault was rather with the miners and mining companies than with the mint report, since every effort was made to ascertain the facts. Neglect or refusal to answer interrogations of the Director of the Mint, even after requests several times repeated, leaves no alternative except to omit the respective mine or mines, and a county is thus apt to take a somewhat lower standing than that to which it is really entitled. This year special efforts were made to obtain full returns from all parts of this county, and these were, in the main, successful. The estimates for small mines and Chinese were obtained from express agents, gold-dust buyers, merchants, or prominent miners familiar with the locality, though direct returns from mines were always solicited. There are on the lists of mines at the mint at San Francisco the names and addresses of 222 mines in this county, but many of these properties were idle in 1893.

*Fresno County* shows only $7,118.79 gold product this year, as against $112,987 in 1892, but the reason for this apparent great difference is that since the last report the county has been divided and many of the mining camps formerly in Fresno are now in the new county of Madera. The mining districts at Hildreth, Coarse Gold Gulch, Raymond, Grub Gulch, Fresno Flats, Madera, O'Neals, Zebra, Starville, North Fork, and Fine Gold, which were previously in Fresno County, are now in Madera, and Fresno has lost the better part of her mining interests.

*Humboldt County* shows a falling off of $21,161.64 from the previous year, the total for 1893 being $66,353.61. From Arcata the returns are the same. From Klamath they are less; and at Orleans, several of the producers show a reduced output. The amounts are also less from Weitchpec.

*Inyo County's* product is $25,944.67, gold; $52,474.62, silver; total, $78,419.29. This shows an increase over the previous year of $12,014.36, gold; $16,479.28, silver; total increase, $28,493.64. The

mines about Big Pine show materially added product, and more of them reported. Fish Springs district gave $7,760 gold, and from here there were no reports in 1892. Those mines reporting by name from Bishop also added to their previous year's yield. There were no reports from Darwin in 1892, but several large silver producers send returns this year. From Modock, the returns are about the same, and there is an increase from Independence. There is very little difference in the returns from Keeler or Panamint. The added product comes from Big Pine, Bishop, and Darwin.

*Kern County* shows a reduction of $22,391.69 in its gold product, the returns this year being $85,419.72. The White River mines, tributary to Bakersfield, show an increase of some $10,000, but no returns were received from the Greenhorn district mines, which returned $14,000 the previous year. The returns from Caliente are less. The mines about Havilah have been lying idle the past year, and no work done whatever, though they produced some $12,000 in 1892. The product for the mines at Kernville was also much less. From Weldon many more mines reported but the increase of product was small.

The main interest in Kern County for 1893 has been in what are called the Goler mines, in the Goler range of mountains back of the Mohave desert. This is a "dry-washing" gold region, there being no water to wash the gold out, so dry-washing machines have to be used. The new districts in the Goler range are Red Rock district, post-office at Mohave; Goler district, post-office at Koehn; Summit district, El Paso district, and Colorado district, post-office at Mohave. The region is a new one and has not yet been much prospected.

There is no gravel. The gold is found on the bed rock covered with a "drift" of reddish-colored alluvial and full of small angular fragments of porphyry, trap, dolomite, and slate.

Numbers of miners went to these districts late in 1893, and many miners will prospect there in the spring of 1894. The product from these mines is enumerated under Goler, Red Rock, Summit districts, and Benson and Nugget gulches, these two latter being in Goler district.

The county of Los Angeles, which showed a yield of $219,204 in 1892, gives returns for 1893 of only $14,200. The Kelsea Mining Company, at Azusa, which returned $200,000 the previous year, made no shipments in 1893. The New York mines at Acton yielded $8,000 as against $12,000 the previous year, and the small claims at that camp only produced one-half their former amount in 1893.

*Madera*, the new county, taken from the area of Fresno County, shows a total yield of $151,010.77 for the year. The mines named were enumerated the previous year under Fresno County.

*Mariposa County* shows an increase of $83,344 for the year, which amount is greater than the total product of 1892. The yield this year is $164,423 against $81,079. There is a material increase from both

Bear Valley and Coulterville, and in the latter place more mines report and with a larger yield. From Hornitos the reports were fewer and the returns less, as is the same with Mariposa. From the latter place the Diltz, which returned $25,000 the year previous, made no product in 1893.

*Mono County* shows an apparent total falling off in product from the previous year of $362,316.94. The figures this year are:

| | |
|---|---|
| Gold | $293,637.39 |
| Silver | 11,401.11 |
| Total | 305,038.50 |

And in 1892 the returns were:

| | |
|---|---|
| Gold | $396,296.85 |
| Silver | 271,058.59 |
| Total | 667,355.44 |

By these figures the county shows a lessened product of $102,659.46 gold and $259,657.48 in silver. As to the silver, the loss is more apparent than real, as the Phœnix mine, which was reported as having produced in silver $201,052 at Benton in 1892, is not in the county of Mono at all, but across the line in the State of Nevada, with its shipping point at Benton, and should not, therefore, be included among the California mines. Other small mines near Benton which reported $30,000 silver the previous year give no returns for 1893.

At Bodie a smaller product is reported this year. The Standard Consolidated Mining Company, the largest producer in the county, which made a yield of $234,238.75 gold and $10,331.63 silver in 1892, produced this year $164,063.73 gold and $8,241.72 silver. The Bulwer Consolidated, which produced $65,117 the previous year, yielded $32,246 this year.

The Mono, which yielded $13,049 gold, and $21,141 silver in 1892, made no production this year. From Bridgeport there were more returns, but none of the amounts are large; and from Lundy, there is little difference in the returns. The main falling off, as shown, and for the reason given, is from Benton and Bodie.

*Nevada County* maintains its accustomed place as the leading gold-producing section of the State, heading the list of all the counties, and being the only one which reached the $2,000,000 mark.

Its record for this year is:

| | |
|---|---|
| Gold | $2,067,203.22 |
| Silver | 1,229.27 |
| Total | 2,068,432.49 |

For the previous year the product was:

| | |
|---|---|
| Gold | $1,945,406.31 |
| Silver | 8,325.72 |
| Total | 1,953,732.03 |

This shows a total gain of $114,700.49 over the output of the previous year. At Grass Valley, the North Star Mining Company, the largest producer in the county, returns $335,756.94, as against $235,391.06 in 1892, a gain of about $100,000. The Original Empire made a yield this year of $110,779.71 as against $81,942.99; the W. Y. O. D., $143,361.07 as against $108,694; the Slate Ledge, which made no returns the previous year, reports $24,500 gold for 1893. The famous Idaho mine, which showed a product of $226,078 gold in 1892, returns $100,185.59 this year, but was only operated by its former owners until May, when it became the property of the Maryland Mining Company, and for the rest of the year its output is included under the latter name. There was, therefore, really an increase of some $34,000 from this property.

The Yuba, at Maybert, which returned $30,610 in 1892, was shut down last year. The St. Lawrence, at Moores Flat, yielded $45,000 in 1892, but made no product this year. It is a hydraulic mine owned by Chinese.

At Nevada City are a number of producing mines, among which some few show a falling off in product and others a small gain. Several of the larger mines here, some at Grass Valley and many at other places in the county, have their returns included in the "confidential reports," which accounts for the large amount under that heading. That list includes both quartz and gravel mines from which it would have been impossible to obtain returns except upon distinct assurance that they should be considered confidential.

*Orange County*, which made a yield of $9,470 in silver in 1892, gave no product this year. The mines at Anaheim, which produced that amount the previous year, were not worked in 1893 on account of the general depression in that metal. At Orange the same reason is given for stoppage of mining. At Santa Ana only assessment work was done on the claims, and there was no product from any other part of the county.

*Placer* is another one of the counties which shows a large product for 1893, the record for the year being:

| | |
|---|---|
| Gold | $1,351,249.70 |
| Silver | 616.00 |
| Total | 1,351,865.70 |

As against the following the previous year:

| | |
|---|---|
| Gold | $1,159,079.60 |
| Silver | 2,119.74 |
| Total | 1,161,199.34 |

This shows a total gain for the past year over the previous one of $190,666.36. This is almost entirely in gold, as the yield of the county in silver is only nominal at best, what little silver there is being found in company with gold in the quartz mines. The advance in amount of yield comes from increase of product of old mines; for instance, the

Mayflower drift mine at Forest Hill, which yielded $90,502 in 1892, gives returns of $188,049 this year; the Paragon drift increased its yield from $37,391 to $48,254; and the Hidden Treasure drift, at Michigan Bluff, gives returns this year of $129,353, against $88,216 for 1892. In the "confidential reports" similar increments are shown in the cases of several other large drift mines.

In this county are many gravel mines and the principal drift mines of the State are within its borders. A great many Chinese work gravel mines in Placer County, and the product from this source is quite large. Altogether, the mining interests of Placer County are in a prosperous condition.

*Plumas County* shows a reduction in yield this year of $81,523.91, the yield for the year being:

| | |
|---|---|
| Gold | $362,488.05 |
| Silver | 13.50 |
| Total | 362,501.55 |

In 1892 it was $444,025.46, of which $11,730.84 was in silver, the latter mainly from the Plumas-Eureka mine owned by the Sierra Buttes Gold Mining Company, Limited. This year the mine gives no returns of silver and its output was some $57,000 less than in 1892. From Butte Valley mines the returns are some $20,000 less than this year. At Crescent Mills the Crescent Company shows a material falling off in yield. At Greenville, the Drury Pacific Consolidated, which made a product of $22,000 in 1892, returns only a few hundred this year. From Genesee, while more mines report, the amounts are smaller. At La Porte, Thomas & Co. returned $21,800 in 1892, but only $4,800 this year. There is a great number of small producing claims in the region around La Porte and they show a corresponding product to that of 1892. At Spanish Ranch, more mines report and there is a material increase of product. Few new mines have been opened in this county and those at work seem to have made a reduced output for the year. The settlement of the débris question will make a material difference in this county, which has many hydraulic mines, some of which will now be able to obtain license to mine and resume operations.

*Riverside* is one of the new counties of California and its few mining districts were formerly within the borders of San Diego County. It makes a product this year of $42,412.14, mainly from the mines at Perris.

*Sacramento County* reduces its yield of gold this year $31,809.43, its total output being $90,090.57, against $121,000 the preceding year. This is entirely due to the smaller amounts taken out of the placers around Folsom by the many Chinese and white miners operating the claims in that vicinity.

The Beach placers at Lompoc, which produced $896 in 1892, were not worked this year, so there is no yield of gold from Santa Barbara County.

A very material increase in both gold and silver is shown in San Bernardino County. The figures for 1892 were:

| | |
|---|---|
| Gold | $47,037.00 |
| Silver | 67,072.27 |
| Total | 114,109.27 |

And for the past year the yield was:

| | |
|---|---|
| Gold | $158,000.00 |
| Silver | 447,020.00 |
| Total | 605,020.00 |

This shows the increase in gold product to have been $119,963 and the silver $379,947.73, the total being $480,910.73, or over four times the total yield of the previous year. A number of small gold-mining claims tributary to San Bernardino made goodly addition to the gold yield, but most of the increase comes from the new camps of Vanderbilt, where capitalists have recently made investments and developed some promising claims. Most of the mines at Calico, Daggett, and Victor were idle this year on account of the low price of silver; but at the former place the Silver King Mining Company worked 7 of its numerous mines during the year and obtained a very large yield in silver. The yield from the mines of this company made really the entire silver product of the county.

*San Diego County* shows a deficit this year of $292,708.40, the returns being only $105,860.33, against $398,568.73 the previous year.

This is a very difficult county from which to obtain returns from circulars or answers to letters. The mine-owners seem exceptionally apathetic and fail to respond to repeated inquiry. Had it not been for the personal efforts of a prominent citizen of San Diego, the county would have made even a poorer showing than it has. As it is, in all cases where it has been possible to obtain information, the returns from the mines show a falling off in product, leading to the presumption that the gold-mining interests are not in a promising condition in the county. At Banner, the Cincinnati Belle shows a reduction of output from $13,000 in 1892 to $11,000 in 1893; the North Hubbard, from $1,500 to $1,000; the Ready Relief, from $16,000 to $14,000; and the Redman, from $15,000 to $13,000. At Cuyamaca, the Stonewall Jackson, which yielded $65,000 in 1892, was not worked at all in 1893; and the Morning Star at Elsinore, which yielded $2,000 the previous year, was idle this year.

At Julian, the Helvetia reduced its output of $18,000 in 1892 to $9,500 in 1893; the Owens, from $8,500 to $6,500; the small mines, from $12,000 to $3,000; the Gold King, which yielded $8,000 the previous year, and the Gold Queen, which yielded $9,500, made no product in 1893. Several other mines at Julian, which formerly produced, were idle in 1893. The Good Hope, which made returns of $45,000 in 1892, no longer belongs in San Diego County, being located at Perris in the

new county of Riverside. The mines at Indio are also now in Riverside County, though formerly in San Diego.

At Escondido and Mesa Grande, the mines made no production this year, though there were returns the previous year. The Paymaster, with a yield of $92,000, and small mines with a yield of $60,000, at Ogilby, in 1892, made no returns this year, the Golden Cross, with an output of $24,374, being the only producer in that camp from which returns were received. The Blossom, Pasadena, and several others reported that only assessment work was being done.

In San Luis Obispo County, the few placer claims at La Panza only made a small yield, which was even less than during the previous year.

*Shasta County* shows a reduction in output of $73,825.90 from the previous year's returns, which were:

| | |
|---|---|
| Gold | $574,832.88 |
| Silver | 7,977.29 |
| Total | 582,810.17 |

And for the year 1893 the returns were:

| | |
|---|---|
| Gold | $500,407.01 |
| Silver | 8,577.26 |
| Total | 508,984.27 |

The small mines at Copper City yielded only $2,600, as against $9,000 in 1892. At French Gulch, the Gladstone increases its yield from $93,618 to $106,161; but the Niagara gives only $10,000 this year, as against $35,000 in 1892; the J. I. C., $2,500, as against $10,000, and the small mines and Chinese $4,000, as compared with $25,000 the year before. At Hart, the Texas Consolidated, which produced $132,660 in 1892, yielded $124,284 in 1893. The mines at Igo all made smaller returns this year. The Uncle Sam, at Kenneth, belonging to the Sierra Butts Mining Company, and which is the largest producer in the county, returns $200,946.74 this year, as against $203,807.56 in 1892. There is very little difference in the returns from Ono. At Shasta, the Live Oak, which yielded $16,250 in 1892, returns only $4,240 this year; and other claims with aggregate yields of $14,000 in 1892 made no returns this year. The general reduction in yield in the county is due, it will be seen, to a decrease in output of the principal mines, rather than to cessation of work upon any, the only one of the prominent mines which has shown an increase being the Gladstone.

*Sierra County* gained $141,900.24 in its product this year, the total of which is $830,390.65, as compared with $688,490.41 in 1892.

This increase is fully accounted for by the large additional product of the Feather Fork Mining Company (or Thistle Shaft), at Gibsonville, which, while it returned $60,000 in 1892, yielded $259,200 during this year.

This is a drift mine operated through a deep shaft, instead of the tunnel usually run to open such deposits. It belongs to a Scotch com-

pany. Some of the other large mines made a reduced product the past year, the Bald Mountain Extension drift, for instance, reducing its output to $53,914 from $89,587 in 1892; Wide Awake, at Downieville, from $15,000 to $8,000, in 1893. There were more separate reports from Downieville this year, but the aggregate output is smaller, the small mines and Chinese being estimated at $15,000 for 1893, as compared with an estimate of $93,000 the previous year. An increase of product is reported from the mines at Goodyears Bar and Pike City. The Union Consolidated's drift at Port Wine, which returned $102,824 in 1892, only yielded $5,979 this year; the Suffolk drift, which made no returns in 1892, yielded $25,000 in 1893. An increase is shown in the small mines at Scales. From Sierra City there are many more returns, some of which had not before reported, and the principal mine there, the Sierra Buttes, shows a small increase in product. At St. Louis, there is a falling off of about $20,000, and one of some $8,000 at Table Rock.

In this county are numerous small hydraulic mines, which have long been closed down, owing to the débris question. Most of the owners are too poor to comply with the law and build dams for impounding their débris, and their mines have to lie idle.

*Siskiyou County*, which showed a gold product of $1,013,387.94 in 1892, makes returns this year of $807,108.07, a loss of $206,279.87. This is largely due, however, to closer and more conservative estimates on product of small and Chinese mines at the various camps, direct returns this year from the miners themselves being more numerous than usual. Moreover, the gold-dust buyers at each place were asked and gave the amount of their purchases for the year, with the names, so there was little, if any, duplication of amounts of product. In some places there was a distinct falling off in product from small and Chinese mines, and in some few places gains are noted.

The Black Bear mine, at Black Bear, gives returns of $26,765 this year, as against $11,310 the previous year. At Callahans the Montezuma made a product of $25,000 for 1893, as compared with $70,000 in 1892; Squaw Gulch, $1,000 instead of $4,000; Red Gulch, placer, $800 in place of $3,500, and the estimated output of the Chinese and small mines is $16,000, as compared with $45,000 the year previous. At Cecilville there is an increase from individual reports, but the small and Chinese mines are estimated at the same as the year previous. The Spencer Mining Company, at Coles, with a yield of $17,300 this year, made no returns in 1892. At Cottage Grove an increase in output is apparent.

Etna Mills had estimates of $115,000 from Chinese and small mines in 1892, while this year the estimates are $9,500. At forks of Salmon the Bloomer, with a yield of $12,000 in 1892, returns $7,500 this year, and several new producers appear on the list. The Chinese and small mines were estimated at $20,000 in 1892 and at $6,000 this year. The mines at Fort Jones show about the same yield. The Owens & Sells

drift mine, which yielded $17,000 in 1892, returns but $5,000 this year. The Lee Wah Company increases its yield. The Thomas drift gives $2,000, whereas it yielded $6,800 in 1892. The Chester & Stockton gravel, with an aggregate yield of $23,000 in 1892, make no returns this year. The estimates for small mines and Chinese are larger this year, and deducting the returns of the Wright & Fletcher mine, properly belonging at Oro Fino, the output from mines at Fort Jones is practically the same as the previous year, there being only an increase of less than $3,000.

The Gold Run mine, at Gilta, with a yield of $20,000, did not appear in the report of 1892; nor did the Bentz Bar claim, at Gottville, with a yield this year of $15,750. Phil Mott & Co., who produced $24,500 the previous year, made no returns for this year.

At Hamburg the Mapleson drift shows a reduction in product to $4,100 from the $12,067 of the previous year; the Learned, to $4,000 from $7,000; Lain, $3,700 from $4,700, and small and Chinese mines, $16,000 instead of $27,000. A few of the claims made a small increase of product, but not sufficient to affect the deficits named.

From Happy Camp a great many more individual returns were received this year, and the returns are also larger in the aggregate. At Henley, though the Blue Gravel hydraulic only made half the yield of the year previous, there is a much larger output from the other mines.

Hornbrook shows the same returns as the year before.

The returns from Oro Fino show a larger output than those of the former year. The Wright & Fletcher, which was under the list at Fort Jones the previous year, properly belongs at Oro Fino, and made a yield of $10,000, against $15,000 the year before. Eastlick Bros. made no returns in 1892, but produced $17,000 this year.

From Oak Bar there are numerous returns through the Sam Company, with $6,000 in 1892; Lon Wah Company, with $15,000; Barkhouse & McKinney, $3,000, and several others made no product this year; and the China Lee Company, which produced $14,000 the year previous, returned only $8,000 this year, and several which previously reported made no product or no returns. The output from this place is, therefore, much reduced.

At Scott Bar fewer producers reported and the returns were less. The Chinese mines, estimated at $24,000 in 1892, are entered as $15,000 this year, and the small mines at $5,000 instead of $25,000.

From Sawyers Bar the returns are much more numerous and complete, and the output from the small mines and Chinese larger.

No returns were received from the Lee Yat Company, at Seiad, though they made a product of $30,000 the year previous, and the returns from small and Chinese are very much reduced, the estimates having probably been much too high the year previous.

From Walker there are numerous returns from small properties, but the estimates of small and Chinese mines, of $30,000 in 1892, are reduced

to $1,800 for this year, those familiar with the locality affirming this to be more correct. From around Yreka the returns are fewer than was hoped for, though the amounts are larger than the year previous.

*Stanislaus County* shows material reduction, from $14,190 in 1892 to the nominal sum of $150 this year. The white men at Knights Ferry have quit mining, and only a Chinaman or two works there with a rocker. The La Grange Ditch and Mining Company, reported as producing $14,000 last year, was not operated in 1893.

*Trinity County* gave returns of $1,446,771.38 in 1892, while this year the product is stated at $1,130,960.50, a reduction of $315,910.88. The main reduction comes from more conservative estimates of the small and Chinese mines at various points, which, it is believed, are even now fully up to the actual output. At Big Bar, for instance, they were credited with $25,000 in 1892 and $17,400 this year, more returns having come from individuals. From Cœur the returns were much less, the Mountain Boomer, with a product of $21,000 in 1892, appearing under Denny this year, with an output of $5,000, and the small and Chinese mines, with $22,000 last year, have no returns in 1893. At Coleridge the Yellowstone, with a record $18,000 in 1892, shows $11,103 for this year; the Enterprise, with $20,000, shows $17,000; small and Chinese mines, $8,500 in 1892, show $3,625 this year. At Deadwood the Brown Bear Mining Company, with a reported estimated product of $340,237 in 1892, gives direct returns this year of $161,456, a reduction of $179,781 from the record of the former year. The Deadwood Reduction Works, with $28,000 returns in 1892, gives none this year; the Vermont reduces its product from $10,000 to $8,000, and the small mines and Chinese, from $35,000 to $14,385, and even then estimates are considered quite full.

At Dedrick, the Globe shows a product of $20,000 instead of the $25,000 for the year previous; the Chloride, with $15,000 as the record for 1892, appears under Junction City list with a product of $2,000 this year. Other mines at Dedrick show an increased product, but the product of small mines and Chinese is reduced $5,000. A good many Douglas City mines appeared under the Denny list in 1892, but the Hurst & Eliason shows a reduced output from $10,000 to $7,000; Rogers, from $5,000 to $3,000; Swift, from $5,000 to $4,000; Mason & Thayer, from $15,000 to $10,000. The small and Chinese mines at Denny were placed at $22,000 in 1892, but are estimated at $14,000 this year. From Hay Fork the returns are about the same for both years. Junction City has many hydraulic mines along the river, but the output is somewhat less than in 1892. Langs Bar reduces its product of $20,000 in 1892 to $15,000 this year; Sheridan Brothers, from $9,500 to $3,000; Segalia, from $8,000 to $7,000; Evans, from $9,000 to $8,000. Some few increased their product, notably the Hayes mine, called in last year's report the E. H. Benjamin, which produced $53,000 this year instead of $40,000 of the year previous; and the Mammoth

increased its product from $17,000 to $21,000. The estimates for Chinese and small mines for this year at this place are $42,000 as compared with $68,000 in 1892, but several Chinese claims are named individually. At Lewiston, an increase of product of several mines is shown, but the estimate of small and Chinese mines is $16,000 this year where it was $28,000 in 1892. At Minersville, the East Fork mines increase product from $12,000 in 1892 to $15,000 this year, and the product of small and Chinese mines is increased by $5,000. From Trinity Center, there is an increase in product. Weaverville, Hupp & McMurray show an increase to $22,362 in 1893 from $19,700 in 1892; Sidney Hill, from $15,000 to $16,500, and the Chinese and small mines show a slightly smaller output.

*Tulare County*, which made a yield of $24,366 in 1892, only gives returns of $12,818 this year, entirely from the White River mines, where the small mines and Chinese reported a product of $18,000 last year, though but $2,000 this year.

*Tuolumne County*, which had a reported product of $1,093,461.18 in 1892, only gives returns of $456,064.82 in 1883, a deficit of $637,396.36. The principal deficit is at Sonora, where the Mint report showed a product in 1892 of $433,250, as against a product this year of $182,435, showing a decrease of $250,815 at this place alone. The Bonanza mine, with a product of $60,000 in 1892, was idle this year; the Golden Gate Sulphuret, with a product of $103,500 in 1892, only made returns of $64,015 this year; the Sells, with $7,000 last year, produced $5,000 this year. The ravines, gulches, and pockets at Sonora were estimated in 1892 as having produced $63,000, and "all others in vicinity" $200,000. The ravines, pockets, gulches, and all small mines in the vicinity of Sonora this year are estimated at $100,000, $163,000 less than in 1892. The small Chinese and pocket mines of Big Oak Flat and Browns Flat combined were estimated last year at $84,000, and returns this year show that $18,000 was the output. From Columbia, where there was but one individual return in 1892, there are fifteen this year, but their total is about $20,000 less than the estimates of small mines of the previous year.

The small mines at Groveland were estimated as having produced about $83,000 in 1892, while the returns this year show less than $7,000. Jamestown mines produced about $56,000 in 1892 against $47,000 this year. No returns were received from Shaws Flat this year, though it produced $10,500 in 1892. At Soulsbyville, the Keltz increased its product this year to $40,271 as against $30,763 in 1892; but the pocket mines at that place were estimated at $45,000 in 1892 and only $15,000 this year.

At Summerville the small and pocket mines were estimated at $117,000 in 1892, but several claims there made no product this year, and the confidential returns of the producers show a smaller total than $70,000 for the year. The mines at Tuttletown were not very active in

1893 and have returns of less than $9,000, whereas in 1892 the output of the pocket mines at that place was estimated at $74,000.

This is the pocket mining county of the State and its yield is therefore apt to vary materially; but the marked discrepancy between the outputs of 1892 and 1893 is due largely to the more conservative estimates adopted this year and decreased returns from the places noted and decided reduction in product of several larger mines.

*Yuba County* shows a loss of $13,378 from its product of last year, the returns of 1893 being $30,839 as against $44,217 in 1892.

There were many more returns from Bullards Bar and very much smaller ones from Camptonville, but of the little claims at Strawberry Valley many were idle and few returns were received from the others. The loss in product is entirely from that section.

RECAPITULATION, BY COUNTIES, OF THE GOLD AND SILVER PRODUCTION OF CALIFORNIA.

| County. | Gold. | Silver. | Total. |
|---|---|---|---|
| Amador | $1,505,973.98 | $5,230.56 | $1,511,204.54 |
| Butte | 307,350.53 | 5,503.61 | 312,854.14 |
| Calaveras | 1,669,192.95 | 121.80 | 1,669,314.75 |
| Colusa | 300.00 | ..... | 300.00 |
| Del Norte | 10,352.00 | ..... | 10,352.00 |
| Eldorado | 294,610.26 | 1,219.80 | 295,830.06 |
| Fresno | 7,118.79 | ..... | 7,118.79 |
| Humboldt | 66,353.61 | ..... | 66,353.61 |
| Inyo | 25,944.67 | 52,474.62 | 78,419.29 |
| Kern | 83,665.72 | 1,754.00 | 85,419.72 |
| Los Angeles | 14,200.00 | ..... | 14,200.00 |
| Madera | 150,696.53 | 314.24 | 151,010.77 |
| Mariposa | 164,116.17 | 307.00 | 164,423.17 |
| Mono | 293,637.39 | 11,401.11 | 305,038.50 |
| Nevada | 2,067,203.22 | 1,229.27 | 2,068,432.49 |
| Placer | 1,351,249.70 | 616.00 | 1,351,865.70 |
| Plumas | 362,488.05 | 13.50 | 362,501.55 |
| Riverside | 42,412.41 | ..... | 42,412.41 |
| Sacramento | 90,090.57 | ..... | 90,090.57 |
| San Bernardino | 158,000.00 | 447,020.00 | 605,020.00 |
| San Diego | 105,860.33 | ..... | 105,860.33 |
| San Luis Obispo | 600.00 | ..... | 600.00 |
| Shasta | 500,407.01 | 8,577.26 | 508,984.27 |
| Sierra | 830,343.15 | 45.50 | 830,388.65 |
| Siskiyou | 799,108.07 | ..... | 799,108.07 |
| Stanislaus | 150.00 | ..... | 150.00 |
| Trinity | 1,122,994.50 | ..... | 1,122,994.50 |
| Tulare | 12,818.00 | ..... | 12,818.00 |
| Tuolumne | 354,734.72 | 1,329.50 | 356,064.22 |
| Yuba | 30,839.27 | ..... | 30,839.27 |
| Total | 12,422,811.60 | 537,157.77 | 12,959,969.37 |

# IV.

## *COLORADO.*

By W. J. PUCKETT.
*Assayer in charge United States Mint, Denver, Colo.*

Colorado's output of the precious metals for the year 1893 was gold, $7,487,071; silver, $29,452,882.

The increase in the gold product over the previous year ($1,948,050) nearly offsets the decreased silver product ($2,026,090).

The latter half of the year witnessed a great revival in gold mining and corresponding depression in the silver camps of the State, and the new year opens with every promise of a very marked gain in gold for this twelvemonth.

The young but populous gold camp of Cripple Creek, in El Paso County, has realized all the fine fancies of mining prophets, being credited with a tonnage valued at $2,016,842, a gain over 1892 of $1,433,832. The coming summer, in this camp, barring labor strikes, will be one of great activity and investment.

Gilpin County maintains its long and lustrous record as a steady gold producer, and properties just released from litigation, as well as many rejuvenated shafts, will add to the 1894 output.

Boulder, Clear Creek, Chaffee, Dolores, Eagle, Ouray, Park, San Juan, San Miguel, and Summit counties have all made becoming contributions in the gold line. Lake County, which includes the Leadville carbonate district, besides turning out $7,746,003 in silver, produced gold to the value of $897,456.

The heavy silver output of the year must be credited to Lake, Mineral (including the famous Creede camp), Dolores, Pitkin, San Miguel, Clear Creek, and Ouray counties. Pitkin County, in which is located the Mollie Gibson and other well-known Aspen silver properties, fell off in its yield nearly one-half, the products for 1893 being but $5,744,749 against $10,674,722 in 1892. This decrease was directly due, as in all silver localities of the State, to the shutting down entirely of large properties, upon the closing of the Indian mints to silver coinage, and the immediate severe and rapid decline in the price of the white metal.

In compiling the following statistics these equivalents were employed: Gold, $20 a fine ounce; silver, $1.29 (coinage value).

SUMMARY OF OUTPUT BY COUNTIES FOR THE CALENDAR YEAR 1893.

| County | Value of gold. | Coinage value of silver. | Total value of gold and silver. |
|---|---|---|---|
| Boulder | $477,121 | $293,476 | $770,597 |
| Chaffee | 153,345 | 105,380 | 258,725 |
| Clear Creek | 581,088 | 2,528,685 | 3,109,773 |
| Custer | 4,000 | 36,709 | 40,709 |
| Dolores | 439,760 | 3,049,450 | 3,489,210 |
| Eagle | 167,971 | 213,907 | 381,878 |
| El Paso | 2,010,367 | 6,475 | 2,016,842 |
| Gilpin | 1,212,162 | 154,852 | 1,367,014 |
| Gunnison | 7,687 | 164,801 | 172,488 |
| Hinsdale | 88,279 | 439,598 | 527,877 |
| Lake | 897,456 | 7,746,003 | 8,643,459 |
| La Plata | 37,671 | 5,617 | 43,288 |
| Mineral | 52,970 | 5,582,765 | 5,635,735 |
| Ouray | 187,852 | 1,391,971 | 1,579,823 |
| Park | 109,263 | 71,071 | 180,334 |
| Pitkin | ..... | 5,744,749 | 5,744,749 |
| Rio Grande | ..... | 907 | 907 |
| Routt | 6,183 | ..... | 6,183 |
| San Juan | 259,285 | 372,915 | 632,200 |
| San Miguel | 679,059 | 1,063,016 | 1,742,075 |
| Summit | 115,552 | 480,535 | 596,087 |
| Total | 7,487,071 | 29,452,882 | 36,939,953 |

# V.

## *IDAHO.*

By FRANK F. CHURCH,
*Assayer in charge United States Assay Office, at Boise, Idaho.*

The production of the metals in Idaho for the year 1893 is practically the same as for several years previous, and, to the uninterested observer, mining in the State, probably, would appear to have undergone no material change the past year; yet there is a radical change in conditions and circumstances, which is revolutionizing the industry in that it is developing new fields and more economical methods, and will result in the greatest aid financially to our people.

While a number of the large producing mines have been shut down on account of litigation or mismanagement, the depressed financial condition of the country has induced a great many more people than ever before to turn to the vast gold fields of this State, where they have operated on a small scale mostly, but have made good wages out of properties which have heretofore been overlooked because fortunes could not be made in a season.

These conditions must lead to the development of large producing districts in which this State abounds, and place Idaho where it should be, near the head of the list of great producing States; and in this we see the welcome ray of light, foreshadowing industry and prosperity, coming through the darkest hour of our "hard times."

The great silver-lead mines of the Cœur d'Alene district, which could produce lead for our whole country for a decade without showing exhaustion, are running on a much-reduced force, owing to the continued low prices of their product and the labor troubles, which are at present dormant, but apparently no nearer settlement than two years ago.

During the year 1893 the mines of the State of Idaho produced: Gold, 81,930 ounces, value $1,693,641; silver, 3,455,662 ounces, coining value $4,467,823; lead, 72,135,781 pounds, commercial value $2,524,752; making a total value of $8,686,216.

PRODUCT OF GOLD AND SILVER IN IDAHO, BY COUNTIES, CALENDAR YEAR 1893.

| Counties. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Value. | |
| Ada | 363 | $7,504 | 80 | $103 | $7,607 |
| Alturas | 824 | 17,033 | 356,932 | 461,477 | 478,510 |
| Bingham | 1,356 | 28,031 | 269 | 347 | 28,378 |
| Boise | 13,547 | 280,041 | 28,396 | 37,360 | 317,401 |
| Cassia | 510 | 10,543 | 107 | 138 | 10,681 |
| Canyon | 323 | 6,677 | 94 | 122 | 6,799 |
| Custer | 1,115 | 23,049 | 222,681 | 287,904 | 310,953 |
| Elmore | 2,730 | 56,434 | 2,920 | 3,775 | 60,209 |
| Logan | 528 | 10,914 | 980 | 1,267 | 12,181 |
| Idaho | 9,140 | 188,940 | 12,267 | 15,860 | 204,800 |
| Lemhi | 10,174 | 210,316 | 4,795 | 6,200 | 216,516 |
| Owyhee | 25,344 | 523,906 | 811,835 | 1,049,621 | 1,573,527 |
| Shoshone | 14,748 | 304,868 | 1,963,561 | 2,538,688 | 2,843,556 |
| Washington | 728 | 15,049 | 50,145 | 64,832 | 79,881 |
| Other counties | 500 | 10,336 | 100 | 129 | 10,465 |
| Total | 81,930 | 1,693,641 | 3,455,662 | 4,467,823 | 6,161,464 |

GOLD AND SILVER BULLION PRODUCED IN IDAHO DEPOSITED AT GOVERNMENT INSTITUTIONS DURING THE CALENDAR YEAR 1893.

| Mints and assay offices. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Value. | |
| MINTS. | | | | | |
| San Francisco | 2,589.852 | $53,536.90 | 639.75 | $827.13 | $54,364.03 |
| Philadelphia | 6.330 | 130.85 | .55 | .71 | 131.56 |
| Denver | 2,920.440 | 60,370.75 | 492.46 | 636.70 | 61,007.45 |
| ASSAY OFFICES. | | | | | |
| Boise City | 19,759.611 | 408,466.70 | 11,899.97 | 15,385.46 | 423,852.16 |
| Helena | 7,077.792 | 146,310.70 | 1,476.33 | 1,908.75 | 148,219.45 |
| New York | 727.983 | 15,048.92 | 5,028.37 | 6,501.18 | 21,550.10 |
| Total | 33,082.008 | 683,864.82 | 19,537.43 | 25,259.93 | 709,124.75 |

# VI.

## *MONTANA.*

By W. D. WHEELER,
*Assayer in charge United States assay office, Helena, Mont.*

The product of gold and silver from Montana mines during the calendar year 1893 is estimated to have been, gold, 177,849.684 fine ounces, of the value of $3,676,479.24; silver, 14,938,987.76, of the coining value of $19,315,054.41.

The gold output shows an increase over 1892 of 34,341.77 fine ounces, valued at $709,907.30, and due principally to increased quartz production. The silver output was less than in 1892 by 2,500,000 ounces.

The estimated product of copper and lead is as follows: Copper, 160,387,552 pounds, of the value of $16,038,755.20; lead, 26,706,062 pounds, of the value of $964,088.84. (In computing these values, copper is averaged at 10 cents and lead at $3.61.)

The Montana mining product for 1893 was, therefore, approximately, $40,000,000.

Approximately, the product was divided as follows:

| | Ounces. |
|---|---|
| Copper ores | 4,850,000 |
| Lead ores | 2,140,000 |
| Quartz and milling ores | 7,950,000 |

The tabulated statements following are based upon the reports received from United States institutions, and smelters and refineries handling bullion of Montana production, and from the very complete returns of the mines themselves, which have been more fully and freely given than ever before.

VALUE OF DEPOSITS AT THE ASSAY OFFICE OF THE UNITED STATES AT HELENA, MONT., DURING THE CALENDAR YEAR 1893.

| County. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Standard ounces. | Value. | Standard ounces. | Value. | |
| Beaverhead | 2,679.121 | $49,844.07 | 561.20 | $396.98 | $50,241.05 |
| Cascade | 36.695 | 682.69 | 2.16 | 1.58 | 684.27 |
| Choteau | 266.683 | 4,961.55 | 15.20 | 9.87 | 4,971.42 |
| Deer Lodge | 19,026.917 | 353,989.04 | 4,624.40 | 3,165.16 | 357,154.20 |
| Fergus | 1,539.357 | 28,639.19 | 244.64 | 157.87 | 28,797.06 |
| Gallatin | 85.424 | 1,589.28 | 26.02 | 18.08 | 1,607.36 |
| Granite | 331.618 | 6,169.65 | 31.55 | 20.32 | 6,189.97 |
| Jefferson | 2,708.763 | 50,395.45 | 3,838.85 | 2,503.05 | 52,898.50 |
| Lewis and Clarke | 23,095.961 | 429,692.21 | 51,547.78 | 37,369.32 | 467,061.53 |
| Madison | 8,876.435 | 165,142.92 | 2,648.00 | 1,772.00 | 166,914.92 |
| Meagher | 2,884.007 | 53,655.88 | 419.76 | 278.69 | 53,934.57 |
| Missoula | 4,528.106 | 84,150.77 | 365.02 | 256.50 | 84,407.27 |
| Park | 3,349.780 | 62,321.46 | 656.64 | 485.76 | 62,807.22 |
| Silver Bow | 2,494.892 | 46,416.54 | 793.56 | 557.43 | 46,973.97 |
| Total | 71,898.759 | 1,337,650.70 | 65,774.78 | 46,992.61 | 1,384,643.31 |
| Deposits of: | | | | | |
| Idaho | 7,864.214 | 146,310.80 | 1,640.87 | 1,122.88 | 147,433.68 |
| Washington | 623.460 | 11,599.22 | 148.54 | 102.99 | 11,702.21 |
| Wyoming | 5.361 | 99.74 | .35 | .21 | 99.95 |
| Foreign bullion | 78.118 | 1,453.35 | 11.67 | 7.70 | 1,461.05 |
| Jewelry | 182.551 | 3,396.29 | 47.59 | 33.73 | 3,430.02 |
| United States coin | 2.016 | 37.50 | ..... | ..... | 37.50 |
| Redeposits | 3,324.549 | 61,852.06 | 1,419.11 | 993.53 | 62,845.59 |
| Total | 12,080.269 | 224,748.96 | 3,267.63 | 2,261.04 | 227,010.00 |
| Grand total | 83,979.028 | 1,562,399.66 | 69,042.41 | 49,253.65 | 1,611,653.31 |

DEPOSITS OF GOLD AND SILVER FROM MONTANA AT MINTS AND ASSAY OFFICES DURING THE CALENDAR YEAR 1893.

| Institutions. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Value. |
| U. S. assay office, Helena | 64,708.883 | $1,337,650.70 | 59,197.30 | $76,537.91 |
| New York assay office | 17,033.909 | 352,122.12 | 1,425,740.73 | 1,843,381.86 |
| San Francisco mint | 1,827.034 | 37,768.14 | 151.34 | 195.67 |
| Philadelphia mint | 192.582 | 3,981.02 | 46.70 | 60.38 |
| Denver mint | 19.819 | 409.69 | 1.40 | 1.81 |
| Total | 83,782.227 | 1,731,931.67 | 1,485,137.47 | 1,920,177.63 |

BULLION DEPOSITED AT THE U. S. ASSAY OFFICE, HELENA, MONT., OF MONTANA PRODUCTION, DURING THE CALENDAR YEAR 1893.

| Character. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Standard ounces. | Value. | Standard ounces. | Value. | |
| Placer | 18,228.227 | $339,129.45 | 2,605.69 | $1,714.93 | $340,844.38 |
| Mill | 52,561.523 | 977,888.53 | 20,977.82 | 14,321.44 | 992,209.97 |
| Silver bullion | 1,109.009 | 20,632.72 | 42,191.27 | 30,956.24 | 51,588.96 |
| Total | 71,898.759 | 1,337,650.70 | 65,774.78 | 46,992.61 | 1,384,643.31 |

PRODUCTION OF GOLD AND SILVER IN MONTANA, BY COUNTIES, CALENDAR YEAR 1893.

| Counties. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Value. |
| Beaverhead | 2,658.362 | $54,953.22 | 391,695.62 | $506,434.74 |
| Cascade | 33.026 | 682.69 | 1.94 | 2.51 |
| Choteau | 240.015 | 4,961.55 | 13.68 | 17.69 |
| Deer Lodge | 17,976.155 | 371,600.11 | 5,793.23 | 7,490.23 |
| Fergus | 1,385.421 | 28,639.19 | 220.18 | 284.68 |
| Gallatin | 76.882 | 1,589.28 | 23.42 | 30.28 |
| Granite | 3,521.105 | 72,787.70 | 2,761,945.05 | 3,570,999.57 |
| Jefferson | 18,873.139 | 390,142.41 | 1,536,851.84 | 1,987,040.02 |
| Lewis and Clarke | 29,553.739 | 610,930.00 | 191,997.41 | 248,239.07 |
| Madison | 8,089.627 | 167,227.43 | 2,767.71 | 3,578.44 |
| Meagher | 6,595.606 | 136,343.28 | 1,000,377.78 | 1,293,417.64 |
| Missoula | 4,070.795 | 84,150.80 | 272,923.44 | 352,870.70 |
| Park | 3,014.802 | 62,321.46 | 590.97 | 764.09 |
| Silverbow | 33,807.877 | 698,870.84 | 6,668,730.16 | 8,622,196.50 |
| Reported by smelters, refineries, mints, and assay offices, not included elsewhere | 47,953.133 | 991,279.24 | 2,105,055.83 | 2,721,688.25 |
| Total | 177,849.684 | 3,676,479.20 | 14,938,987.76 | 19,315,054.41 |

PRODUCTION OF COPPER AND LEAD IN MONTANA, BY COUNTIES, CALENDAR YEAR 1893.

| Summary by counties. | Lead. | Copper. |
|---|---|---|
| | *Pounds.* | *Pounds.* |
| Beaverhead | 2,274,637 | 94,095 |
| Jefferson | 8,337,006 | ..... |
| Lewis and Clarke | 400,000 | ..... |
| Missoula | 3,510,087 | ..... |
| Silver Bow | ..... | 159,875,499 |
| Production of smelters and refineries not included above | 12,184,332 | 417,958 |
| Total | 26,706,062 | 160,387,552 |

TOTAL PRODUCTION OF MONTANA, CALENDAR YEAR 1893.

| Metals. | Quantity. | Value. |
|---|---|---|
| Gold ..... fine ounces.. | 177,849.684 | $3,676,479.24 |
| Silver ..... do.... | 14,938,987.76 | 19,315,054.41 |
| Copper ..... pounds.. | 160,387,552 | 16,038,755.20 |
| Lead ..... do.... | 26,706,062 | 964,088.84 |
| Total | ..... | 39,994,377.69 |

# VII.

## *NEVADA.*

By T. R. HOFER,
*Superintendent of the United States mint, Carson City, Nev.*

The production of the precious metals in Nevada during the year 1893 shows a large diminution, as compared with the previous year. This arises from the exhaustion of ore bodies in the mines opened and developed and the prevailing low price of silver; and since the repeal of the so-called Sherman law, prospecting for silver mines has about ceased, although the hunting for gold mines has been greatly stimulated by that repeal.

Very promising discoveries of gold properties have been made in the southeastern part of the State, which have attracted the attention of capitalists, and from recent reports from that section we confidently expect that Nevada will rank high as a gold-producing State.

The business of mining generally in this State is languishing. It has, in fact, almost entirely ceased; and unless something be done to rehabilitate silver, mining for that metal will stop entirely in a short time.

The condition of things on the great Comstock lode is anything but reassuring. Pumping operations have been discontinued, which cuts off any hope of prospecting below the Sutro Tunnel level, and the discouragements incident to the demonetization of silver and the general depression and hard times has wellnigh wrought the death of this once celebrated mining camp.

The gold placers of Humboldt, Douglas, and Lyon counties, which looked so promising a year ago, have not realized expectations, but it is the intention to prospect them more thoroughly the coming spring and summer.

We trust and hope for better times in mining in this State; and although the present may not be promising, still the clouds have a "silver lining," and no one can predict what a day may bring forth, when it is considered that hundreds and thousands of men with pick and drill are delving into our rock-ribbed mountains, looking for that yellow metal, the discovery of which will again bring peace and plenty to our doors.

PRODUCT OF NEVADA FOR THE YEAR 1893.

[Estimated by Mr. T. B. Hofer.]

| Counties. | Gold. | Silver (coining value). | Total. |
|---|---|---|---|
| Churchill | $2,000 | $2,000 | $4,000 |
| Douglas | 4,700 | 300 | 5,000 |
| Esmeralda | 50,000 | 20,000 | 70,000 |
| Elko | 40,000 | 180,000 | 220,000 |
| Eureka | 100,000 | 250,000 | 350,000 |
| Humboldt | 13,000 | 12,000 | 25,000 |
| Lander | 22,000 | 238,000 | 260,000 |
| Lincoln | 60,000 | 100,000 | 160,000 |
| Lyon | 80,000 | 30,000 | 110,000 |
| Nye | 3,000 | 12,000 | 15,000 |
| Ormsby | 34,000 | 86,000 | 120,000 |
| Storey | 557,000 | 828,000 | 1,385,000 |
| Washoe | 5,000 | 500 | 5,500 |
| White Pine | 15,000 | 25,000 | 40,000 |
| Total | 985,700 | 1,783,800 | 2,769,500 |

SUMMARY BY COUNTIES.

[Three quarters ended September 30, 1893.]

| Counties. | Quantity extracted. | | Gross yield or value. | Actual cost of— | | Actual cost of reduction. | | Total cost. |
|---|---|---|---|---|---|---|---|---|
| | | | | Extracting. | Transportation. | Free milling. | Freiberg process. | |
| | *Tons.* | *Pounds.* | | | | | | |
| Esmeralda | 174 | 1,607 | $7,391.29 | $5,465.84 | $975.53 | $1,332.62 | ..... | $7,773.99 |
| Elko | 3,718 | 1,228 | 139,128.20 | 69,769.72 | 13,812.89 | 26,865.02 | ..... | 109,447.63 |
| Eureka | 19,822 | 297 | 264,732.68 | 165,716.90 | 14,154.55 | ..... | $61,699.18 | 241,570.63 |
| Humboldt | 1,006 | 1,014 | 9,334.31 | 5,239.75 | 2,386.39 | 1,954.50 | ..... | 9,580.64 |
| Lander | 4,726 | 609 | 170,521.27 | 220,988.39 | ..... | ..... | ..... | 220,988.39 |
| Lincoln | 6,195 | 801 | 149,361.59 | 80,097.76 | 16,594.91 | 41,816.18 | 600.00 | 139,108.85 |
| Lyon | 154 | 1,000 | 33,907.90 | 16,037.18 | 129.50 | 840.00 | ..... | 17,006.68 |
| Storey | 52,094 | 1,531 | 778,502.74 | 677,709.54 | 11,854.34 | 274,242.68 | ..... | 963,806.56 |
| White Pine | 196 | 1,280 | 7,865.23 | 9,748.60 | 1,337.50 | 64.00 | ..... | 11,150.10 |
| Total | 88,089 | 1,367 | 1,560,745.21 | 1,250,773.68 | 60,745.61 | 346,615.00 | 62,299.18 | 1,720,438.47 |

[Quarter ended December 31, 1893 (estimated).]

| Counties. | Gross yield or value. | Total cost. | Counties. | Gross yield or value | Total cost. |
|---|---|---|---|---|---|
| Esmeralda | $2,463.76 | $2,591.87 | Lyon | $11,302.63 | $5,668.89 |
| Elko | 46,376.07 | 36,482.59 | Storey | 258,504.25 | 321,268.75 |
| Eureka | 87,744.56 | 80,523.54 | White Pine | 2,621.74 | 3,716.70 |
| Humboldt | 3,111.44 | 3,193.54 | Total | 518,252.07 | 573,477.83 |
| Lander | 56,640.43 | 73,662.79 | | | |
| Lincoln | 49,487.19 | 46,369.66 | | | |

## SUMMARY FOR THE YEAR 1893.

[Reported to State comptroller by county auditors.]

| | Three quarters ending Sept. 30, 1893.* | | Quarter ending Dec. 31, 1893 (estimated). | | Total product. |
|---|---|---|---|---|---|
| | Ores. | Tailings. | Ores. | Tailings. | |
| Gross yield or value | $1,560,745.21 | $171,494.01 | $518,252.07 | $57,164.67 | $2,307,655.96 |
| Actual cost of extracting | 1,250,773.68 | 80,211.50 | ..... | ..... | ..... |
| Actual cost of transportation | 60,745.61 | 11,738.00 | ..... | ..... | ..... |
| Free milling | 346,615.00 | 103,710.04 | ..... | ..... | ..... |
| Freiburg process | 62,299.18 | ..... | ..... | ..... | ..... |
| Total cost | 1,720,433.47 | 145,659.54 | 573,477.83 | 48,553.18 | 2,488,124.02 |

*Quantity extracted for three quarters ended September 30, 1893: Ores, 83,089 tons and 1,867 pounds; tailings, 41,496 tons; total, 129,585 tons and 1,867 pounds.

## GRAND RECAPITULATION.

| Source of production. | Value. |
|---|---|
| Product for three quarters ending Sept. 30, 1893, as reported by county auditors to State comptroller. | $1,732,239.22 |
| Product for quarter ending Dec. 31, 1893 (estimated) | 575,416.74 |
| Estimated product for year not reported to State comptroller by county auditors | 461,844.04 |
| Total product | 2,769,500.00 |

## WELLS, FARGO AND CO.'S REPORTED SHIPMENTS.

| Character of shipments. | Value. |
|---|---|
| Gold dust and bullion, by express | $1,418,682.00 |
| Silver bullion, by express | 1,296,969.00 |
| Ore and base bullion, by freight | 847,570.00 |
| Total shipment | 3,563,051.00 |

# VIII.

## *NEW MEXICO.*

By WALTER C. HADLEY.

The following statement sets forth the metal output of the Territory of New Mexico for the calendar year 1893, by counties:

| Counties. | Gold. | Silver. | Lead. | Copper. | Total. |
|---|---|---|---|---|---|
| Donna Ana | $10,000 | $32,000 | $50,000 | ..... | $92,000 |
| Grant | 232,000 | 234,700 | ..... | ..... | 466,700 |
| Lincoln | 205,000 | 5,000 | ..... | ..... | 210.000 |
| Santa Fe | 15,000 | 6,000 | ..... | ..... | 21,000 |
| Sierra | 329,000 | 210,000 | 4,200 | $30,000 | 573,200 |
| Socorro | 115,000 | 25,000 | 50,000 | ..... | 190,000 |
| Taos | 23,000 | 5,000 | ..... | ..... | 28,000 |
| All others | 10,000 | 6,000 | 3,000 | ..... | 19,000 |
| Total | 939,000 | 523,700 | 107,200 | 30,000 | 1,599,900 |

Gold is estimated at $20 per ounce, silver at $1.29 per ounce, lead at 4 cents per pound, and copper at 11 cents per pound—total of gold and silver being $1,462,700, of which nearly 64 per cent is gold.

The product for the year previous was: Gold, $989,176; silver, $971,832; lead, $327,500; and copper, $41,952.

We may note the continued falling off in the production of silver, which, in 1891, was $1,293,289, and the fact that the gold production remains very steady, the value of the same for 1891 being $942,303.

The gold shipped during the past year would have amounted to considerably over $1,000,000 but for certain misfortunes encountered by one of the chief producers.

There has been continued prosperity in the gold districts of White Oaks, Pinos Altos, and the Mogollon Mountains, while at least three new promising gold districts have been opened during the year, not the least important of which is in the Organ Mountains near Las Cruces, in which the ore is high in grade and two mills have been erected to treat them. Cochiti, near Albuquerque, is now attracting much attention, but it is too early to say what the future of the camp will be.

The falling off in the lead production is accounted for by the low prices of that metal and of silver, with which latter it is generally associated.

The growing active hostility to silver and the probability of such legislation as would make it unprofitable to work most of the silver mines had been foreseen by the silver producers, resulting in the closing of the mines and the abandonment of mining and reduction plants in which an enormous amount of money had been invested.

As the gold prospect continues to brighten, it is to be hoped that much of this machinery may be utilized in other locations in the event that the present low price of silver continues.

About one-quarter of a million of dollars in money was expended in new mining and milling machinery in the Territory during the year.

Shipping ores went chiefly to Socorro, Pueblo, and El Paso.

# IX.

## *OREGON.*

By CHARLES G. YALE.

The returns received at the mint at San Francisco from mines and mining companies in Oregon for 1893 are as follows:

| | |
|---|---|
| Gold | $1,690,950.52 |
| Silver | 13,557.50 |
| Total | 1,704,508.02 |

For 1892 the figures were:

| | |
|---|---|
| Gold | $1,491,781.39 |
| Silver | 64,080.18 |
| Total | 1,555,861.57 |

These statements show that the increase of the gold output of 1893 over the previous year was $199,169.13; the decrease in silver, $50,522.68; and the total increase, $148,646.45. The principal increase comes from Baker County, where, in addition to the large producers, there are many small claims yielding some gold, and many others in process of development.

A great deal of prospecting has been going on in southern and eastern Oregon during the past year, and numbers of new claims have been found, which, however, have not yet arrived at a producing stage.

The resources of the State in the matter of gold properties are becoming better recognized, and more interest is displayed in them by people with money. In numbers of instances, however, capital is greatly needed for the development of claims:

*Baker County*, the most important bullion-producing county of the State, almost doubles its yield of gold of the previous year in 1893, and trebles its yield of silver. In 1892 the figures of the product were as follows:

| | |
|---|---|
| Gold | $367,589.22 |
| Silver | 3,256.50 |
| Total | 370,845.72 |

The product of 1893, as shown by returns from mines and mining companies, is:

| | |
|---|---|
| Gold | $728,946.99 |
| Silver | 10,453.95 |
| Total | 739,400.94 |

This shows the increase of the gold product in 1893 to be $361,357.77; of silver, $7,197.45, and the total increase for the county, $368,557.22.

A larger number of mines made returns in 1893, and most of them show a material increase in yield. In the confidential returns are several which have not heretofore reported. The increase around Auburn comes mainly from Chinese miners. Baker City, which is the central mining point of the county and the State, has a large number of mines tributary to it, some of them very large producers. It is from this place that the main increase of gold comes. The list of producers is greater than in the previous years and their figures of output larger.

Most of the product is gold, from both quartz and placers, but over $9,000 in silver was also obtained in conjunction with the gold ores.

The mines around Bridgeport show a larger yield than in the previous year, as do also the placers at Rye Valley. At Weatherby, the Chicken Creek placer produced only about half what it did the year previous, and the other mines show a smaller yield also.

*Coos County*, which made a product of $16,891 in 1892, yields only $2,532 this year, as the beach sand mines were not worked so extensively.

*Curry County* increases its yield some $8,000, mainly from the placer mines at Sixes River and the Gold Beach.

*Crook County*, which did not appear in the statistics of 1892, made a small output from the mines around Prineville; and Clackamas County turned out $1,000 from the Chinese miners at Salmon Creek.

The yield of *Douglas County* is about $1,500 more in gold than it was in 1892.

*Grant County*, which made a yield of $53,822 in 1892, shows returns of $198,650, for the past year. The mines at Granite made a much larger production, as did those at Long Creek.

*Jackson County*, which the previous year yielded $41,968, shows returns of $107,451 in 1893. This increase came from mines around Applegate—Gold Hill, Steamboat, Wimer, Woodville, and there are many new names added to the list of producers.

*Josephine County* also shows an increase, the figures being $113,425 as against $72,338.23 in 1892. There were many more returns from Althouse, and the small mines around Kerby show added yield. At Waldo, the hydraulic mines did very well, and there were returns from mines around Williams, which did not report previously. At Wolf Creek the yield materially increased.

*Lane County* gives returns of $57,000 against $31,747 for the previous year.

*Linn County* shows a falling off, returns from some producers of 1892 not having been received this year.

*Malheur County*, which made a product of $55,900 in 1892, returns only $29,645 for the past year, the Chinese having only obtained half the gold of 1892 and some of the producers of 1892 not having made returns.

In *Umatilla County*, the mines at Adams, Alba, and Pilot Rock were all idle during the year, and the producers at Pendleton were all more or less affected by the price of silver.

In *Wallowa County* most of the mines around Joseph were idle during 1893.

*Union County* in 1892 showed a record of more than double that of Baker County, mainly because of the very full returns received from there as compared with other sections. In 1892 the amount was stated at $755,615, while the past year the product is given at $432,283. The Sanger or C. T. Bradley group was credited with over $200,000 more than the estimate of this year. The estimates in several other cases were also reduced. The county, however, makes a very good showing indeed, and comes next to Baker County in the total output.

RECAPITULATION, BY COUNTIES, OF THE GOLD AND SILVER PRODUCTION OF OREGON.

| County. | Gold. | Silver. | Total. |
|---|---|---|---|
| Baker | $728,946.99 | $10,453.95 | $739,400.94 |
| Coos | 2,532.62 | ..... | 2,532.62 |
| Crook | 309.00 | ..... | 309.00 |
| Curry | 10,854.10 | ..... | 10,854.10 |
| Clackamas | 1,000.00 | ..... | 1,000.00 |
| Douglas | 16,760.85 | ..... | 16,760.85 |
| Grant | 198,650.19 | ..... | 198,650.19 |
| Jackson | 107,394.14 | 57.13 | 107,451.27 |
| Josephine | 113,425.80 | ..... | 113,425.80 |
| Lane | 57,000.00 | ..... | 57,000.00 |
| Linn | 4,194.95 | ..... | 4,194.95 |
| Malheur | 29,645.00 | ..... | 29,645.00 |
| Union | 420,236.88 | 3,046.42 | 423,283.30 |
| Total | 1,690,950.52 | 13,557.50 | 1,704,508.02 |

# X.

## *SOUTH APPALACHIAN STATES.*

By W. E. ARDREY,

*Assayer in charge of the United States assay office at Charlotte, N. C.*

In the States of the South Appalachian Range there was in 1893 a decrease in production of gold, in round numbers, of $10,000, and a gain in silver of $3,000, leaving a net decrease in value of $7,000.

Maryland and Tennessee were practically nonproducing States in 1893; Virginia, South Carolina, and Georgia slightly increased their production, and Alabama notably so; the figures for North Carolina were materially lessened.

With the exception of the product of one silver mine and connected smelting works now operated in North Carolina, the silver product of these States amounts to barely 940 fine ounces.

### MARYLAND.

The entire product reported from this State was valued at $113.95 all gold. This was obtained from Montgomery County.

The old and well-known Maryland, Montgomery, Eagle, Sawyer, Huddlestone, Kirk, and other mines were unworked during the year.

### VIRGINIA.

The production of both metals in this State was valued at $6,190.08. At only three mines could information be obtained of anything like regular work having been done. These were all in Goochland and Spottsylvania counties; some prospecting work has been attempted in other counties.

| | |
|---|---|
| Gold | $6,159.78 |
| Silver, coining value | 30.30 |
| Total | 6,190.08 |

## NORTH CAROLINA.

The production of gold and silver in this State is quite widely distributed, as is shown in the subjoined tabular view of the output by counties:

| Counties. | Gold. | Silver, coining value. | Counties. | Gold. | Silver, coining value. |
|---|---|---|---|---|---|
| Burke | $4,352.83 | $53.99 | Montgomery | $1,541.55 | $31.26 |
| Cabarrus | 3,162.83 | 19.67 | Randolph | 12,311.50 | 128.96 |
| Caldwell | 428.62 | 4.32 | Rowan | 3,712.74 | 28.51 |
| Catawba | 210.82 | 2.13 | Rutherford | 2,027.56 | 42.24 |
| Davidson | 782.65 | 14,793.12 | Stanly | 933.71 | 5.55 |
| Franklin | 3,106.11 | 21.53 | Union | 605.62 | 13.98 |
| Gaston | 1,338.51 | 10.48 | Miscellaneous and unknown | 12,500.49 | 162.21 |
| Guilford | 74.60 | .57 | | 55,109.32 | 15,396.32 |
| Lincoln | 180.82 | .57 | | | |
| McDowell | 1,841.04 | 30.83 | Total coining value | | 70,505.64 |
| Mecklenburg | 5,997.12 | 46.40 | | | |

The mining industry in North Carolina has been much depressed, and during the year 1893 sank to a lower point than has been known in twenty-five years.

### FRANKLIN COUNTY.

In this county two mines only have been operated the last twelve months—the Portis and the Mann-Arrington.

### GUILFORD COUNTY.

The mining work in this county was of too desultory a nature to find special record, only one mine having been prospected—the Lowder.

### RANDOLPH COUNTY.

The Hoover Hill mine accomplished its customary work, which, with some incidental production from the Redding placer mine in the shape of fine nuggets, somewhat increased the return of the county.

### DAVIDSON COUNTY.

There were no regular operations except at the Silver Valley mine, from which several hundred tons of ore were sent to the Thomasville smelter and used in admixture with ores from various parts of North Carolina; after prolonged experiment the difficulties of treating the refractory blende-galenits of the Silver Valley mine, in which the zinc largely exceeds the lead, were overcome, and the furnace work proceeded with entire regularity. The lead and zinc will go on the market as oxides. The precious metals and copper were shipped in the form of matte.

Nothing was done in the Person and the Granville County copper mines.

ROWAN COUNTY.

The mining work of this county was confined chiefly to the Gold Hills district and to the adjacent Bame mine.

CABARRUS COUNTY.

In this county the Nugget and Buffalo mines were in operation. In the fall of 1893 work was resumed on the Montgomery, where underground work on a large scale has been carried on preliminary to an extension of the milling plant.

MECKLENBURG COUNTY.

The only regular operations undertaken in this county were at the Smith Means and Surface Hill mines.

GASTON AND LINCOLN COUNTIES.

No work of importance was attempted in either of these counties in 1893; nor was the work in Union or Moore counties of importance.

SOUTH MOUNTAIN DISTRICT.

The output of this district, for a long time so noted, was barely one-half that of the preceding year, and would have fallen to insignificant proportions were it not that the vein mining about Rutherfordton added somewhat to the yield. A curious change in mining work has been witnessed in this area of late, viz, the washing for monazite from the auriferous sand, chiefly from those previously exhausted of their auriferous contents. The demand for this rare mineral for industrial purposes has proved more profitable than the mining for gold. The same is true of Polk County, which is merely the southwest extension of the South Mountain area.

CATAWBA AND CALDWELL COUNTIES.

The mining work of these counties during 1893 was tentative and unimportant.

STANLY COUNTY.

Some work was done at the Parker, in this county, but for the greater part of the year this fine property has been idle.

Considerable prospecting work has been done by small parties, and something accomplished in the way of placer work. Quite a large quantity of fine nuggets were brought to light at the Ingram and the adjacent Bostian mines.

MONTGOMERY COUNTY.

The Russel and other mines of this county were idle, with the exception of the Sam Christian, which was worked a few months of the year. Some prospecting work has also been done along the flanks of the Uwharrie Mountain.

## SOUTH CAROLINA.

A much brighter picture may be drawn of the mining industry of this State.

Only five mines were operated, and of these the Brewer and the Haile made the largest returns.

The following summary shows the distribution of the output:

PRODUCTION OF SOUTH CAROLINA, BY COUNTIES.

| Counties. | Gold. | Silver, coining value. |
|---|---|---|
| Chesterfield | $37,889.03 | $58.19 |
| Lancaster | 83,297.03 | 250.55 |
| Spartanburg | 3,576.60 | 103.89 |
| Miscellaneous | 2,799.41 | 16.77 |
| Total | 127,562.07 | 429.40 |
| Total coining value | | 127,991.47 |

### SPARTANBURG COUNTY.

During the latter part of the year the Thomson mine gave a fairly steady output, and may reasonably be expected to do the same during 1894. Other mines in the same neighborhood may be expected to swell the total to still higher figures.

### CHESTERFIELD COUNTY.

The only mine operated in this county is the Brewer, where 65,440 tons of ore were treated and ample reserves are ready for exploitation.

The operations were steadily maintained throughout the year with a much larger return than in 1892.

### LANCASTER COUNTY.

There is only one mine operated in this county, the Haile, where 3,000 tons of ore are monthly milled, concentrated, and chlorinated.

The chlorination process is employed at both these mines.

A new plant is in process of erection at Blacksburg, the "Caloric Reduction Company."

## GEORGIA.

The output of gold and silver of this State was some $5,000 larger than in 1892.

PRODUCTION BY COUNTIES.

| County. | Gold. | Silver, coining value. | County. | Gold. | Silver, coining value. |
|---|---|---|---|---|---|
| Carroll | $1,979.39 | $2.74 | Rabun | $2,089.10 | $4.06 |
| Cherokee | 15,685.25 | 28.34 | Union | 3,205.29 | .88 |
| Cobb | 384.16 | 2.34 | White | 12,822.16 | 5.54 |
| Dawson | 1,964.05 | 6.18 | Wilkes | 1,422.84 | 23.88 |
| Forsythe | 348.54 | 2.58 | Miscellaneous | 7,928.87 | 23.92 |
| Hall | 160.38 | 1.17 | | 99.975.31 | 398.59 |
| Lincoln | 149.02 | 3.09 | Total coining value | | 100,375.20 |
| Lumpkin | 36,243.02 | 250.22 | | | |
| McDuffie | 12,483.24 | 44.82 | | | |

RABUN COUNTY.

In this county only placer or surface work was done, chiefly about the Smith mine.

WHITE COUNTY.

A larger amount of miscellaneous work was done in this county than in any other in the State and the conditions are favorable to a larger output in 1894. The Loud Hose and Hydraulic Company accomplished some work on a systematic scale. Two companies are planning work about Nacoochee.

LUMPKIN COUNTY.

This county is the largest producer in the State and has the largest number of mines at work. Among these may be enumerated the Hand & Barlow, Yahoola, Bast, Findlay, Singleton, Ralston, Chestatee, Preacher, New Gordon, and Lockhart. Some work has quite lately been done on the Wells, near Auraria. Eight parties, or neighborhood companies, are at work about Auraria, and six near New Bridge, on the Chestatee.

The larger mines have in the last five years found both mining and milling a progressively difficult problem, partly because the ores lie deeper and carry a larger proportion of sulphurets, which seriously lessen the mill returns. No noteworthy progress was made in mastering the condition of this problem during the last year.

The mines of this county are again attracting the attention of energetic mining men and capitalists who are likely to give a much-needed impulse to the work of this district.

The production of Hall, Cobb, Carroll, Lincoln, Wilkes, Dawson, and Forsyth counties was small. The work of Union County, as far as ascertainable, was entirely on placers and showed some increase over 1892.

### M'DUFFIE COUNTY.

Three mines were producers in 1893, the Parks (Smith), Tatham, and the Egypt (Four Oakes). There was no change during 1893, except that the Columbia mine, adjoining the Parks, was again taken in hand, and is expected to be on the list of producers in 1894.

### CHEROKEE COUNTY.

The main work of this county has been about the Creighton (Franklin & McDonald) mine, but the following mines around Canton are now being opened: the Davis, Worley, Evans, and Rudisil.

The ten stamps of the Creighton were constantly at work during 1893 and the underground developments have been pushed with sufficient vigor on the Franklin vein, both in depth (390-foot level) and in length, to justify the installation of ten more stamps. As the adjacent and parallel McDonald vein has also been entered by three shafts, there is a reasonable probability of reserves of ore for continued work.

The Cyanide plant, from which much was expected, proved unsatisfactory and was discontinued early in 1893, and steps were at once taken to erect a chlorination plant.

## ALABAMA.

PRODUCTION IN ALABAMA IN 1893.

| County. | Gold. | Silver, coining value. |
|---|---|---|
| Cleburne | $2,314.21 | $28.03 |
| Tallapoosa | 1,623.14 | 43.10 |
| Miscellaneous and unknown | 2,321.53 | 31.82 |
| Total commercial value | 6,258.88 | 102.95 |
| Total coining value | | $6,361.83 |

It is probable that the larger part of the amount marked "unknown" was obtained from the petty work in Clay and Randolph counties.

The Lucky Joe mine, in Cleburne, is the only mine regularly worked in that county.

In Tallapoosa County, the Gregory, Blue Hill, Cooper Creek, Silver Hill, Phillips, and Farrow were operated during a part of 1893.

## TENNESSEE.

There was no mining work done in this State in 1893. Operations were confined to the Johnston mine near Coker Creek, Monroe County.

This was entirely derived from washings by women and children and amounted to—

| | |
|---|---|
| Gold, coining value | $249.38 |
| Silver, coining value | 1.18 |
| Total | 250.56 |

There were no lead or copper ores containing gold or silver treated in the South Appalachian range except the blende-galenite of Davidson County, N. C. The lead from this smelting establishment is likely to go on the market in some oxidized form.

The following is a summary of the production of the precious metals in the South Appalachian range in 1893:

| States. | Gold. | | Silver. | | Total value. |
|---|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Coining value. | |
| Maryland | 5.513 | $113.95 | | | $113.95 |
| Virginia | 297,979 | 6,159.78 | 23.43 | $30.30 | 6,190.08 |
| North Carolina | 2,665.913 | 55,109.32 | 11,908.09 | 15,396.32 | 70,505.64 |
| South Carolina | 6,170.815 | 127,562.07 | 332.12 | 429.40 | 127,991.47 |
| Georgia | 4,836.306 | 99,975.31 | 309.29 | 399.89 | 100,375.20 |
| Alabama | 302.774 | 6,258.88 | 79.62 | 102.95 | 6,361.83 |
| Tennessee | 12.064 | 249.38 | .91 | 1.18 | 250.56 |
| Total | 14,291.364 | 295,428.69 | 12,653.46 | 16,360.04 | 311,788.73 |

There was a small falling off in the production as compared with 1892, as will be seen from a comparison of the figures for the two years:

| Years. | Gold. | Silver, coining value. | Total value. |
|---|---|---|---|
| 1892 | $306,015.96 | $12,740.50 | $318,756.46 |
| 1893 | 295,428.69 | 16,360.04 | 311,788.73 |

# XI.

## *SOUTH DAKOTA.*

By R. E. GRIMSHAW, Deadwood, S. Dak.

Placer mining has been unusually active the past year, and the amount of gold produced from this source probably exceeds that of either of the two or three years preceding. The usual amount of prospecting work is going on in the various mining districts and new bodies of ore are being opened up, many of them giving promise of making paying properties. There has been increased activity in the cement ore deposits about Central City, keeping all of the custom mills busy. Some important transfers of mining property have taken place this last season. The most important has recently been made by the Bald Mountain Consolidated Mining Company. It consists of some twenty-five mining claims, reduction works, and water rights. The management will soon commence the erection of a mammoth reduction plant at the mouth of Anna Creek, on Spearfish River. Another important enterprise has been inaugurated in Deadwood for the treatment of refractory ores of this district, known as the cyanide process. It is claimed for this process that it will extract from these ores both the gold and silver.

It consists in taking the ore, which has been reduced to a fine powdered state by a powerful Morrell pulverizer, and subjecting it to the action of a solution containing a small quantity of cyanide, the quantity of the cyanide to be reckoned according to its cyanogen, and the cyanogen being proportioned by the quantity of gold and silver, or both, estimated by an assay or otherwise, to be in the ores under treatment.

The tanks where the ore is given its bath of cyanide are huge affairs of steel. The ore is allowed to remain in these tanks until the gold and silver are all, or nearly all, dissolved, then the solution is drawn off from the ore or undissolved residue. The gold and silver are now in the solution. This solution is then allowed to run through zinc shavings, contained in boxes constructed for holding them, the gold and silver being there precipitated and collected. To separate the gold and silver from the zinc, the shavings are subjected to the action of a solution of commercial sulphuric acid and water—about one-third acid and two-thirds water—the zinc is dissolved, and the bullion precipitated, which is then washed in pure water, dried, fluxed, and smelted. To separate the gold and silver the bullion is treated with boiling diluted nitric

acid—one part acid to two parts water—which dissolves out the silver as a nitrate and leaves the gold as a black precipitate. The gold is then very thoroughly washed with boiling water and then fluxed, smelted, and poured into molds. The solution of silver nitrate is mixed with the water that has been used in working the gold residue and common salt added to it, which precipitates the silver, which is then fluxed, smelted, and run into bars.

On the whole, the mining industries of South Dakota are looking very prosperous, and no doubt the production of precious metals during the coming year will exceed that of any previous year.

AMOUNT OF GOLD PRODUCED IN SOUTH DAKOTA IN THE YEAR 1893.

| Mines. | Gold. | |
|---|---|---|
| | Standard ounces. | Coining value. |
| Bartholomew and Wilson | 580.957 | $10,800.00 |
| Big Missouri | 4,203.763 | 78,192.00 |
| Buxton and Bonanza | 1,960.000 | 39,200.00 |
| Coletta Gold and Silver Mining Company | 215.170 | 4,000.00 |
| Columbus | 2,635.826 | 49,000.00 |
| Deadwood and Delaware Smelting Company | 19,354.833 | 360,000.00 |
| Hawkeye | 1,613.770 | 30,000.00 |
| Homestake, Highland, Caledonia, Deadwood, Golden Reward | 178,360.646 | 3,318,337.58 |
| J. R. Mining Company | 4,572.350 | 85,000.00 |
| Keystone | 2,359.280 | 43,000.00 |
| Mark Twain | 165.680 | 3,080.00 |
| R. B. Hayes | 10.632 | 202.00 |
| Purchased by First National Bank, Deadwood | 3,429.880 | 58,271.00 |
| Other banks and jewelers | 2,044.110 | 38,000.00 |
| Stanby | 268.961 | 5,000.00 |
| Total | 221,675.858 | 4,119,093.27 |

AMOUNT OF SILVER PRODUCED IN SOUTH DAKOTA IN 1893.

| Mines. | Silver. | |
|---|---|---|
| | Standard ounces. | Market value. |
| Barton | 3,354.00 | $2,347.80 |
| Deadwood and Delaware | 102,857.12 | 72,000.00 |
| Homestake, Highland, Deadwood | 29,626.94 | 20,738.85 |
| R. B. Hayes | 2,077.14 | 1,453.98 |
| Total | 137,915.20 | 96,540.64 |

# XII.

## *UTAH.*

By A. HANAUER, Salt Lake City.

Utah's production of the precious metals for the year 1893 was 42,466 ounces of gold, of a value of $877,850, and 6,358,877 ounces of silver, of a coining value of $8,221,390—a total of $9,099,240.

Compared with the preceding year, this is a gain of 10,530 ounces of gold and a falling off in silver of 1,403,380 ounces—a net loss of $1,596,750.

Since 1891 the decrease in the silver production has been regular and considerable, due altogether to the continued fall in the market price of the metal. This decrease promises to be kept up in 1894, unless the adverse circumstances now surrounding silver mining are removed.

During late years the gold increase has been as steady as the falling off in the silver output. The large gain of 1893 over 1892 came from one county—Tooele—where two districts, Lewiston and Cane Springs, largely increased their gold product. The former notably, where the Mercur, a producer of 1892, was reinforced by another—the Marian—shows a large gain. At this writing (February, 1894) there is much activity in this district, with a strong probability that the close of the year will witness other producers and a considerable increase in the district's output. Much attention is now being bestowed upon gold prospecting in this and other districts, owing to the very general unprofitable condition of the silver-mining industry, with the result, up to date, as above outlined.

No new districts or important discoveries other than those herein mentioned remain to be credited to the year 1893.

PRODUCT OF UTAH BY COUNTIES, 1893.

| Counties. | Gold. | Silver. |
|---|---|---|
| | *Fine ounces.* | *Fine ounces.* |
| Beaver | 170 | 720,144 |
| Juab | 15,097 | 1,990,860 |
| Piute | 57 | 4,304 |
| Salt Lake | 9,063 | 737,235 |
| Summit | 2,875 | 2,709,672 |
| Tooele | 15,024 | 151,582 |
| Washington | ..... | 41,280 |
| Miscellaneous shipments from counties not mentioned above | 180 | 3,500 |
| Total | 42,466 | 6,358,577 |

WELLS, FARGO & CO.'S STATEMENT OF THE MINERAL PRODUCT OF UTAH FOR 1883.

| | Copper. | Lead unrefined. | Silver in bars. | Silver in base bullion and ores. | Gold in bars. | Gold in bullion and ores. |
|---|---|---|---|---|---|---|
| | *Pounds.* | *Pounds.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* |
| Germania Lead Works | ..... | 19,225,000 | ..... | 1,033,690 | ..... | 7,995 |
| Hanauer Smelter | 237,750 | 7,910,000 | ..... | 677,885 | ..... | 4,350 |
| Mingo Smelting Company | 209,866 | 18,608,166 | ..... | 1,482,694 | ..... | 15,289 |
| Daly Mining Company | ..... | 978,540 | 457,202 | 536,697 | 100 | 882 |
| Ontario Silver Mining Company | ..... | 1,322,000 | 916,000 | 258,750 | 483 | 255 |
| Silver Reef district | 614,851 | ..... | 33,609 | 7,671 | ..... | ..... |
| Other mines and placers | ..... | ..... | ..... | ..... | 17,673 | ..... |
| Net product, bars and base bullion | 1,062,467 | 48,043,706 | 1,406,912 | 3,997,297 | 18,256 | 28,822 |
| Contents ores shipped | ..... | 22,053,373 | ..... | 1,703,294 | ..... | 6,994 |
| Total | 1,062,467 | 70,097,079 | 1,406,912 | 5,700,591 | 18,256 | 35,816 |

RECAPITULATION.

| | |
|---|---|
| 1,062,467 pounds copper, at 6¼ cents per pound | 969,969.38 |
| 70,097,079 pounds unrefined lead, at $44 per ton | 1,542,135.73 |
| 7,107,503 ounces fine silver, at $0.7364 per ounce | 5,233,965.20 |
| 54,072 ounces fine gold, at $20 per ounce | 1,081,440.00 |
| Total export value | 7,926,601.29 |

Computing the gold and silver at their mint valuation, and other metals at their value at the seaboard, it would increase the value of the product to $12,832,074.33.

# XIII.

## WASHINGTON.

By CHARLES G. YALE.

From returns received at the mint at San Francisco, the product of gold and silver of Washington, for the calendar year 1893, is shown to be as follows:

| | |
|---|---|
| Gold | $228,394.37 |
| Silver | 174,494.55 |
| Total | 402,888.92 |

The production in 1892 was:

| | |
|---|---|
| Gold | $373,553.00 |
| Silver | 195,948.86 |
| Total | 569,501.86 |

These figures show a decrease of yield in 1893 from that of 1892 of $145,158.63 in gold, and $21,454.31 in silver—total, $166,512.94.

Reports were received from nine counties in 1893 as against six counties in 1892. Garfield County showed a product of $84,000 from the Idaho Gold and Silver Mining Company in 1892, but the superintendent of that property reports that no ores were shipped in 1893, as there is no railroad at the mines, and it will not pay to transport the rock on pack trains. Therefore, only assessment work was done in 1893. This having been the only producing mine, the county does not appear in the statistics of 1893.

*Kittitas County* shows a reduced yield of $81,140 from the previous year. The Cle-Elum placers, which made returns of some $27,000 in 1892, showed returns of only $2,000 this year. The placers and small mines tributary to Ellensburg returned $37,000 the previous year, but the yield was only $23,000 this year. The mines around Liberty show an increased product, and at Blewett one company gives a yield of $37,891, gold. From McCallum the returns are much smaller than the previous year, and near Teanaway the small mines show a light yield.

*Lincoln County*, which returned $17,000 in 1892, shows a record of only $4,500 this year. Returns were received from the only paying or worked placer claim on the river, and the Chinese companies are no longer working the Warner bar, which accounts for the decrease.

*Okanogan County*, which showed returns of $10,250 gold and $79,519.28 silver, or a total of $89,769.28, in 1892, returns $9,097.60 gold and

$43,901 silver in 1893, a total of $52,998.60. The principal producer of the previous year—the Ivanhoe Company, at Loomiston, which made a yield of $79,369 silver—was nonproductive in 1893, the low price of silver causing operations to stop, except some small development work and the erection of a mill.

In Skagit County some of the mines reporting in 1892 made no returns in 1893; but around Sauk there are many placers, but no Chinese are permitted to work there. Most of the gold is sold at Fort Hope or Victoria, British Columbia, though the mines are in Washington. The county shows an increase of about $40,000 from the previous year, and it is all from placer mines.

*Snohomish County*, which did not appear in the statistics in 1892, shows a small yield this year. There are many quartz mines in the county which are being prospected, but which made no shipments this year. None of the properties at Silverton or in the Stillaquamish district shipped any ore in 1893; nor did the mines at Monte Cristo, owned by the Monte Cristo Mining Company, of New York. It is expected that some of the gold claims at Silverton will be worked during 1894. At Galena the silver-lead properties are being opened. The product of 1893 came from this latter region.

*Spokane County*, which made no returns in 1892, shows an output of $12,320 in silver for 1893.

There is a decrease in Stevens County as compared with the previous year's figures, due to the fact that several large silver properties were worked only part of the year, owing to the fall in price of silver.

The larger proportion of the output of this county is silver, the amount for 1893 being $117,273.55 as against $28,727.77 gold.

*Whatcom County*, which did not appear in the statistics of 1892, shows returns of $1,500 from the Ruby Creek placers.

*Whitman County*, which made no returns the previous year, shows a yield of $11,020 from placer mines.

The mining counties of the State were all more or less affected by the hard times of 1893, development work in the gold as well as in the silver mines being retarded. Many of the mines are in that condition that capital is required to put them in the shape that will make them producers, and failure to get that capital during the year 1893 kept down the amount of development work done. In some instances, particularly at Conconully, Okanogan County, the money was up and in banks that failed. In other instances the money was promised, but the stringency in the money market kept the parties from fulfilling their promises. Failure to obtain the money for some necessary expense of development, new machinery, or other improvements, caused mines that have been producers heretofore to lie idle for the past year. And, of course, the low price of silver affected many mines in this State, as it has elsewhere. The producing mines in Washington, under present conditions, are not many in number.

RECAPITULATION BY COUNTIES.

| County. | Gold. | Silver. | Total. |
|---|---|---|---|
| Kittitas | $91,549.00 | | $91,549.00 |
| Lincoln | 4,500.00 | | 4,500.00 |
| Okanogan | 9,097.60 | $43,901.00 | 52,998.60 |
| Skagit | 80,000.00 | | 80,000.00 |
| Snohomish | 2,000.00 | 1,000.00 | 3,000.00 |
| Spokane | | 12,320.00 | 12,320.00 |
| Stevens | 28,727.77 | 117,273.55 | 146,001.32 |
| Whatcom | 1,500.00 | | 1,500.00 |
| Whitman | 11,020.00 | | 11,020.00 |
| Total | 228,394.37 | 174,494.55 | 402,888.92 |

The following abstract is from Mineral Resources of the United States, calendar year 1892, on the "Progress of the precious metal industry in the United States," by Prof. S. F. Emmons, of the U. S. Geological Survey. Prof. Emmons's figures are supplemented by the Bureau's of the production of gold and silver in the several producing States and Territories in 1893.

*ALASKA.*

The general trend of the mountain systems of the west coast of our continent runs more to the west of north than does that of the coast line itself; hence, from Washington northward through British Columbia to southern Alaska, an ever-increasing portion of these mountains have in part run out into the ocean, and form the remarkably continuous chain of islands which lend so much scenic beauty to the Alaskan coast. What little is known of their geological history points to a considerable analogy with that of the western slope of the Sierra Nevada, viz, an uplift in post-Jurassic or early Cretaceous times, followed by a deposition, in comparatively shallow waters, of later Cretaceous and Tertiary beds, with local development of important coals and frequent exhibitions of eruptive energy continued down to comparatively recent geological time.

As to the Alaskan peninsula proper, beyond Mount St. Elias, where the coast line takes a trend due west and then southwest, still less is known geologically, for explorations have been confined to the immediate banks of the Yukon River, which is either so far north or so far in the interior as to be beyond the beneficent influence of the Japanese gulf stream, which alone renders the immediate coast line of southern Alaska inhabitable during the colder part of the year. It is known that the coal-bearing Laramie rocks extend far northward toward the Arctic Circle in the interior, and that the cross chain of the Aleutian Islands, which extends southwestward from the point of the peninsula, is eruptive and probably of recent origin; but while it may be considered probable that geological representatives of the older rocks, which form the mountain chains farther south, extend into the peninsula, the determination of this fact is not of much evident importance to the mining industry, since climatic conditions would appear to be such as to preclude extended mining operations there. It is the island belt and the immediate shores of the mainland in southern Alaska, with its comparatively mild climate and easy water transportation over inclosed waters, that offer the best opportunities for the systematic development of the mineral wealth that geological conditions show must exist in the region.

The development of this wealth may be said to have commenced with the decade, and the first steps were taken by the placer miners with their gold pans, washing the sands of the streams and the débris from the hillsides. They did not confine themselves in their explorations to the coast belt, but crossed the mountains to the

waters flowing into the Yukon River. Here gravels rich enough to pay under primitive methods have been found, and from the Yukon district, on Forty-mile Creek, over $250,000 worth of gold is said to have been obtained without the use of mercury. It is quite impossible to determine with any accuracy the amount of gold actually produced by such workings, on account of the number of individual miners who carry away and sell the gold dust they obtain; hence, the figures given below may be taken as considerably below the actual amount extracted. It seems doubtful, however, whether this interior country, where, owing to the severity of the climate, it is possible to work less than a third of the year, and the expense of transporting supplies over the mountains is very great, will ever become the scene of systematic mining.

In the coast belt, however, explorations consequent upon placer mining have already led to vein mining. One important mine, the Treadwell, upon Douglass Island, in latitude 58°, produces, however, two-thirds of the estimated output of the Territory. It is a quartz vein 400 feet in width, carrying free gold and auriferous pyrites, which outcrops on a steep hillside running down to the seashore. The ore is of such very low grade that were it not for the peculiarly advantageous situation of the mine, which reduces cost to a minimum, it could hardly be worked at a profit. As it is, however, good management and an intelligent expenditure of capital have developed a large paying mine, which has produced during the past four years an annual average of nearly three-quarters of a million of gold, and has had a most beneficial effect in stimulating systematic mining in the region. The mineral belt as thus far developed has a longitudinal extent of about 100 miles in a northwestern and southeastern direction, but is said to be only a few miles wide, and, even should it prove to be geologically wider, climatic conditions will probably confine the area of profitable working to the immediate proximity of the ocean. The general geological conditions that prevail in this belt, as far as known, show a close resemblance to the gold belt of California; like the latter the values are principally in gold, which is accompanied in certain parts of the region by silver, galena, and copper ores. It is probable, however, that in this colder region the limit in depth of free gold or oxidized ores will be sooner reached, and the miner be brought to face the problem of profitably treating auriferous sulphurets, which has so often proved an insurmountable obstacle to the continued development of gold mines. This obstacle has, however, already been successfully overcome in the Treadwell mine by the adaptation of the chlorination process.

The annual product of the Territory, which is given as exclusively gold (the silver product being comparatively insignificant) shows a steady increase during the decade. This increase is remarkable rather for its regularity than its amount and is hence of more favorable import for the permanency of the development of the mineral resources than would be one subject to violent fluctuations, for while the discovery of exceptionally rich ore bodies undoubtedly causes a rapid development of the district in which they occur, the reaction which follows the inevitable exhaustion of such bodies may more than counteract the good effect which they have had, so far as its permanent prosperity is concerned.

PRODUCTION OF GOLD IN ALASKA SINCE 1880.

| Years. | Value. | Years. | Value. |
|---|---|---|---|
| 1880 | $5,951 | 1887 | $675,000 |
| 1881 | 15,000 | 1888 | 850,000 |
| 1882 | 150,000 | 1889 | 900,000 |
| 1883 | 300,000 | 1890 | 762,000 |
| 1884 | 200,000 | 1891 | 900,000 |
| 1885 | 300,000 | 1892 | 1,000,000 |
| 1886 | 446,000 | 1893 | 1,010,100 |

*ARIZONA.*

But little is known with certainty about the geological relations of the ore deposits of Arizona, no systematic geological studies yet having been made of the Territory as a whole, nor of any of its rich mining districts. As its name indicates it is a generally arid region, the aridity increasing from the east, westward and southward, the western part of the Territory, though traversed by the Colorado river, having the desert features that characterize the greater part of Nevada.

The northeastern portion forms part of the Colorado plateau, about one-third of which is included within the boundaries of Arizona. It is an elevated region supporting some forest growth, and as contrasted with the rest of the Territory is fairly well watered. To the southwest of the plateau region are a series of narrow isolated ranges separated by broad arid valleys, similar to the basin ranges of Nevada, with which, by their general northwesterly trend, they are connected. They are made up generally of Paleozoic strata resting on a basement of crystalline rocks, and traversed to a greater or less extent by eruptives. The intervening valleys in general increase in width to the southwest, approach more and more to sea level, and Paleozoic strata disappear, the rocks being mainly granite and schists. Coal-bearing rocks appear to be entirely wanting. Under such physical conditions mining and pastoral pursuits are the only self-supporting industries. Two transcontinental railway lines cross the Territory from east to west, but have few branches, the greater part of the region not being able to support anything more than the sparsest population.

Detrital material is accumulated in very considerable quantities in some of the valleys, especially in the central part of the Territory. Many of them contain considerable amounts of free gold, but the scarcity of water in most cases forms an insurmountable obstacle to their development. Some attempts are said to have been made to utilize the water of the Colorado River in working neighboring placer gravels, but with what success is not reported.

The product of the Territory may be, therefore, assumed to come almost exclusively from deep mines. The statistics of production show a fairly steady annual output of gold, amounting to about a million of dollars in value, while the product of silver has decreased with remarkable regularity from over seven millions at the beginning of the decade to about a million and a quarter at its close. The most important silver-producing region has been the Tombstone district, in the southeastern part of the Territory, where silver-lead deposits in limestone, associated with eruptive rocks, commenced producing early in the decade. The product of the county (Cochise) in which these mines occur is said in 1882 to have been as much as $600,000 in gold and over $5,000,000 in silver, and in 1892 to have fallen off to about a tenth of these amounts, respectively.

Silver-lead deposits have been developed in other parts of the Territory to a certain extent, and do not appear to have been entirely confined to limestones, which may account for their relatively small and uncertain production, for it is in these rocks that the immense bodies of lead and silver ores yielding annual products of several millions in value are usually found.

Arizona undoubtedly possesses great mineral wealth and abundant stores of precious metal ores, but in the absence of any definite geological knowledge with regard to them it is impossible to intelligently account for the decrease in the product. Probably the want of such knowledge has been a factor in this decrease, since capital is with difficulty induced to invest in the unknown. Other probable causes are to be found in the physical character of the region, a want of abundant and cheap transportation facilities, and the absence of local supplies of coal, all of which render the cost of mining and of reduction of the ores relatively high, so that only exceptionally rich ores yield a profit to the miner, and such ores are generally in small amount and rapidly exhausted. An abundant supply of low-grade ores is the surest basis on which a permanent mining industry can be founded. With a falling price of

silver the outlook for precious-metal production in the Territory must therefore be considered most unpromising, for successful gold mining is, as a rule, even more dependent on low costs than silver mining.

PRODUCTION OF GOLD AND SILVER IN ARIZONA SINCE 1880.

| Years. | Gold. | Silver. | Years. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $211,965 | $2,325,825 | 1887 | $830,000 | $3,800,000 |
| 1881 | 1,060,000 | 7,300,000 | 1888 | 871,500 | 3,000,000 |
| 1882 | 1,063,000 | 7,500,000 | 1889 | 900,000 | 1,989,203 |
| 1883 | 950,000 | 5,200,000 | 1890 | 1,000,000 | 1,293,929 |
| 1884 | 930,000 | 4,500,000 | 1891 | 975,000 | 1,913,535 |
| 1885 | 880,000 | 3,800,000 | 1892 | 1,070,000 | 1,502,255 |
| 1886 | 1,110,000 | 3,400,000 | 1893 | 1,184,200 | 3,795,653 |

*CALIFORNIA.*

Although the yield of the gold deposits of California has from various causes greatly fallen off during the decade, this State still holds the first rank as a gold producer. The original source of the gold of California is found in the quartz veins occurring in a highly metamorphosed series of rocks, of both sedimentary and eruptive origin, steeply upturned against the west flank of the great granite bodies of the Sierra Nevada, and generally known as the gold belt or auriferous slates. By their great alteration the fossil casts of the sedimentary series have been so largely obliterated that their exact geological age has been almost impossible to determine. The first recognizable fossils found in them were considered to be of Jurassic age, but more detailed studies of later years have extended the possible age of the gold-bearing sedimentary rocks downward into the Paleozoic and upward into the Lower Cretaceous. The eruptive rocks are intrusive diorites and diabases, in some cases altered into serpentine. Resting unconformably upon the auriferous slates along the foothills are beds of later Cretaceous age which contain no original deposits of gold.

For something over 100 miles northward from what was originally considered as the southern limit of the gold belt proper, the quartz veins follow the apparent strike of the slates in a north and south direction, parallel with the general trend of the range, and form a regular and definite line, which is known as the Mother lode These veins are generally in the sedimentary rocks, sometimes at the contact of intrusive bodies. Their principal metallic constituents are free gold and auriferous pyrites, with insignificant amounts of other metals. The above-mentioned characteristics hold good for a majority of the veins in the gold belt, but there are many variations from them, especially in the middle region from whose disintegration the richest placers were derived. The veins sometimes trend east and west and are entirely inclosed in eruptive rocks, in which case their mineral constituents are more varied and include some silver and base metal ores. In other cases they show a tendency to follow in the sedimentary beds a direction parallel with the contact of inclosed eruptive bodies, and again cross from the former into the latter. A certain belt of diabase is characterized by the occurrence of copper ores.

The auriferous slates were at first supposed to be confined to the Sierra Nevada proper, which terminates on the north in the geological break made by the lava flows surrounding the extinct volcanoes of Lassens peak and Mount Shasta, and at the south is cut off topographically by the Mojave desert. Their geological representatives have since been traced to the northern boundary of the State and into western Oregon, and their continuation beyond the desert is found in the mountains of southern California and extends across the boundary into Lower California along the eastern side of the peninsula.

It was in the middle region of the western slope of the Sierra Nevada that the original discovery of placer deposits was made, and this region has since continued to be the greatest producer of gold. Here the topographical conditions were peculiarly favorable to the concentration of gravel and detrital material resulting from the disintegration of gold-bearing rocks into bodies that could readily be worked by the aid of abundant water. The high range of the Sierra, with its remarkably long western slope, 50 miles in extent, condenses the moisture-laden currents coming from the Pacific into large and rapid streams, which become violent torrents during certain seasons. The great diurnal variation of temperature is moreover a powerful disintegrating agent. Under these conditions unusually large amounts of detrital matter are carried down by the modern streams, and in their long courses a very considerable concentration of the heavy sands rich in free gold takes place. These conditions must have prevailed to a considerable extent in an earlier geological period, for not only are rich gravels found along the beds of modern streams, but the beds of ancient and now abandoned rivers, crossing the modern ones at a considerable angle, are found to be filled with gold-bearing gravels. These ancient gravels have been in part protected from erosion by flows of lava, which constitute the many table mountains of the region, and in part remain as gravel ridges between the beds of modern streams.

The rapid descent and considerable volume of the modern streams are more especially favorable to a system of mining which originated here when the richer modern placers were so far exhausted that it was no longer profitable to work them by former primitive methods. This is known as hydraulic mining, and consists in directing an artificial stream through a large nozzle and under the pressure of a high column of water upon a gravel bank and washing it bodily into sluice boxes, in which the gold is in part automatically caught by mercury properly disposed to come into contact with it. Under this system it has been possible to work over whole mountains of débris and extract at a profit the gold from gravel that contains only a few cents' worth per cubic yard. Where, owing to the lava covering and the compacted nature of the gravel, this process is not practicable, drift mining has been resorted to, and tunnels have been run to reach the beds of the ancient streams and extract the richer concentration of gravel in the hollows of these beds.

All these methods, properly classed as placer mining, since they work only upon detrital material, have kept up the proportion of gold produced from placers in spite of the rapid exhaustion of the richer concentrations in the lower parts of the stream beds. In 1880, according to census returns, about half of the total gold product of the State, which was over $17,000,000, was derived from placer mines and half from deep mines or original deposits. Later returns do not segregate the product of placer from that of deep mines, but it is safe to assume that the decrease in the gold product during the decade to an average of $12,000,000 to $13,000,000 has been largely due to a decrease in hydraulic mining. The farmers had long been complaining of the damage to their arable land resulting from the sands and gravel spread out over them by hydraulic mining, and, as a result of litigation in the early part of the decade, a law was passed entirely prohibiting this form of mining on navigable streams. As a result of this the greater part of the hydraulic mining in the State was stopped, and drift mining, on account of its expense, could not adequately fill its place. Costly ditches and hydraulic plants were thereby rendered practically valueless and capital was discouraged from investing in this form of mining, which necessarily involves a very large preliminary expenditure of money before any returns can be expected. In 1892 Congress passed a law providing for the appointment of a commission under whose supervision impounding dams and other means of taking care of the débris might be constructed, which it was expected would result in the resumption of work by a considerable portion of existing hydraulic mines. The statistics of production have not yet shown any beneficial result from this action, which, however, would necessarily be slow on account of the well-known

timidity of capital in regard to mining enterprises, especially where any permanent effects of legislation must be depended upon. It may reasonably be looked for in time, however, when confidence in the efficiency of this measure is created, and especially as a result of the fall in the price of silver, which will naturally direct investments into gold rather than silver mining. Deep or vein mining has apparently been fairly permanent in its production. Where one mine runs out of good ore another runs into it. The increase in expense as the mine grows deeper is more or less offset in reduction in cost of treatment, as mechanical and chemical processes of concentration result in the extraction of an increasing percentage of the gold contained, especially in sulphuret ores.

In those portions of the gold belt beyond the immediate slopes of the Sierra Nevada, both north and south, topographical conditions have not been, as a rule, so favorable to the formation of large areas of placer ground. This incentive to the rapid development of a gold region being wanting, the progress of gold mining has necessarily been slow, although it is known that valuable gold ores exist in the rocks. A commencement has been made, however, and when existing mines have proved themselves successful, others will be opened. The advance will undoubtedly be more rapid when systematic surveys are completed which shall give authoritative information as to the existing geological conditions.

The silver product of the State of California, as shown by the table below, is small and very variable. A portion of it is produced in the gold belt proper as a by-product in gold mining and in part as an actual alloy with the gold. The greater portion produced during the decade has, however, been derived from Mono, Inyo, and San Bernardino counties, in the eastern part of the State, from deposits whose geological relations ally them rather with Nevada or Great Basin methods of occurrence than with those of California. They consist of rich silver minerals occurring in recent eruptives or in limestones, and are confined to a comparatively few localities. Unless some such great vein as the Comstock should be discovered, which is hardly likely, it is not probable that the silver output of California in the immediate future will be considerable or permanent. In that of gold, however, it is reasonable to look for a steady and permanent, though perhaps not very rapid, increase.

PRODUCTION OF GOLD AND SILVER IN CALIFORNIA SINCE 1880.

| Year. | Gold. | Silver. | Year. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $17,150,941 | $1,150,887 | 1887 | $13,400,000 | $1,500,000 |
| 1881 | 18,200,000 | 750,000 | 1888 | 12,750,000 | 1,400,000 |
| 1882 | 16,800,000 | 845,000 | 1889 | 13,000,000 | 1,034,343 |
| 1883 | 14,120,000 | 1,460,000 | 1890 | 12,500,000 | 1,163,636 |
| 1884 | 13,600,000 | 3,000,000 | 1891 | 12,600,000 | 969,697 |
| 1885 | 12,700,000 | 3,500,000 | 1892 | 12,000,000 | 507,087 |
| 1886 | 14,725,000 | 1,400,000 | 1893 | 12,080,000 | 607,806 |

*COLORADO.*

Colorado is a region exceptionally well adapted, both physically and geologically, to become the scene of a great and permanent mining industry. The great mass and elevation of its mountains produce a relatively abundant precipitation, and the waters of its numerous mountain streams furnish the means for rendering a large portion of its valley and plain area rich agricultural regions capable of supporting a considerable population. Extensive and valuable coals are found in almost every portion of the State, and railroads have sent their ramifications in every direction, not only through the valleys, but over the tops of high mountain ranges, wherever there was promise of the founding of a permanent industry.

The geological structure of its numerous high mountain ranges, showing, as it does, the results of repeated and powerful orographic movements accompanied by plentiful outbursts of eruptive rocks, indicates conditions peculiarly favorable to the concentration of metallic minerals into ore deposits. Its mineral resources are varied and abundant, and by no means confined to the precious metals; yet in the thirty-three years that have elapsed since their discovery it has produced about one hundred and five millions of gold and three hundred millions of silver. In contrast to that of California, the development of its mining industry has been comparatively slow, and of the above-mentioned amounts nearly one-half the gold and five-sixths of the silver has been produced in the last thirteen years.

As in other regions, it was the discovery of placer gold that first attracted the miner—in 1859–'60—to what was then a comparatively unknown region. As to what was the annual product of these early years estimates vary widely and nothing is certainly known. The vein mining, which followed the exhaustion of the richer placers, was conducted under a disadvantage, for most of the ores contained a great many other metallic minerals besides gold and silver—hence constituting what is called base-metal ores—and could not be reduced by the simpler process of amalgamation.

It is in the older crystalline and eruptive rocks which were the first to be prospected that the gold-bearing ores are mainly found, whereas the great bonanzas of silver-bearing ores have been found in Paleozoic limestones, and it was not until the discovery of the latter ores at Leadville in 1878–'79 that their value was recognized and prospectors paid more attention to their surface indications, which before had been considered valueless.

Smelting plants were necessary for the reduction of these ores, and it is their great increase that has been the most important factor in the rapid increase in the mining industry of Colorado since 1880. To those established in the immediate vicinity of the mines have been added great central plants at Denver and Pueblo as well as in Eastern cities, which, owing to their proximity to coal fields and to their ability to receive ores by rail from every part of the State, and even from other States, can work more cheaply and to greater advantage. The cost of smelting has thus been reduced as much as 50 per cent during the decade. This has reacted favorably on the development of mines, since by the ready market thus afforded for their product a great many mines have been opened and worked, the ores of which could not otherwise have been reduced at a profit. The effect of this industrial development has been most marked in the silver product, since the greater part of the silver ores must be reduced by smelting, whereas gold ores are more generally treated by amalgamation. The effect upon the production of gold has also been beneficial, since there are ores carrying gold, such as the telluride ores of Boulder county and the concentrates from the tailings of gold mills, from which the gold can only be extracted at a profit by mixing with other ores in the larger smelting works. Of late years, moreover, numerous wet processes for the extraction of gold from complicated ores have been successfully introduced in various parts of the State.

In considering the geological distribution of the precious-metal bearing ores the following broad general features may be recognized. The mountain masses of Colorado are divided in a general way into two north and south uplifts—the Colorado or Front range, and the complex of ranges forming the Sawatch uplift—with a third uplift, the San Juan group, at the south, whose greatest extension is east and west rather than north and south.

The two first-named uplifts consist of a nucleus of Archean or ancient crystalline rocks, surrounded by a varying fringe of upturned Paleozoic and Mesozoic sediments, the whole cut through by dikes and intrusive sheets of eruptive rocks. The Paleozoic rocks are mostly limestones and quartzites; the Mesozoic rocks, sandstones and clay shales. Here the bulk of the silver-bearing ores are found in the Paleozoic limestones, while the crystalline rocks afford both gold and silver ores, and

the Mesozoic rocks contain but few workable deposits. The precious-metal deposits are invariably found in more or less intimate association with the eruptive rocks, and in a few cases gold-bearing ores are found within the latter and also in the Mesozoic shales immediately adjoining them.

The San Juan group is made of a similar series of rocks, but differently distributed, eruptive rocks forming the greater part of the surface exposures and the sedimentary and ancient crystalline rock masses being so broken up that the nucleal structure is no longer apparent. The greater part of the precious-metal ores are found in the eruptive masses, being generally mixed ores carrying values in gold, silver, and other metals, but important deposits are found whose values are almost exclusively gold or silver. Precious-metal deposits are also found in the occasional exposures of Paleozoic limestones, and to a limited extent in the fringing Mesozoic sandstones.

In the Colorado or Front range the Paleozoic rocks which surround the Archean nucleus are mostly buried beneath the later Mesozoic sediments; consequently, it is in the crystalline rocks and the associated eruptive masses that the principal precious-metal deposits have been found. The bulk of the product comes from the mining districts of Boulder, Clear Creek, and Gilpin counties. The ores of the former are rather unusual in that they consist largely of tellurides. Its product is relatively small, being less than $500,000 annually, and three-fourths of its value is in gold. Clear Creek produces mixed base-metal ores, less than a third of whose precious-metal values is in gold. In Gilpin County, which is the oldest mining district in the State, the ores are mainly pyrites, and of the precious-metal values 80 to 90 per cent is gold. It has produced since 1860 about $54,000,000 of the precious metals. The combined annual product of these three districts has varied from $4,000,000 to a little over $5,000,000 of the two metals, having reached the larger amount at the beginning and again at the end of the decade. The proportion of either metal in the total product has also varied from year to year, as it comes from a very great number of separate mines which have thin vertical veins, whose individual product is necessarily variable according as they are in bonanza or barren ground and with the depth and consequent increase in cost of extraction of the ore. Nevertheless, for the whole period the proportion of the metals has been about equal, and though no great increase in product of the region has been shown, the fact that costs of production have been so greatly reduced that mines formerly abandoned as unprofitable are being reopened assures a fair permanence. Since the close of the decade new discoveries of gold ore in eruptive rocks have been made in the Cripple Creek district at the southern end of the Front range, of whose geological relations little is yet definitely known. The annual product is said to have already reached over $500,000, and to bid fair to increase rapidly. Under this influence the proportion that the gold product of this region bears to that of the State, which had fallen from two-thirds at the commencement of the decade to less than one-half at its close, has already increased, and may resume its old importance. The silver product of this range is of far less relative importance, amounting to only about 12 per cent of the total product of the State during the last thirteen years.

At the present day the Sawatch uplift is broken into several more or less distinct ranges, of which the present Sawatch range, made up as it is of Archean rocks, constitutes the original nucleus. A certain number of veins carrying base metal ores with values in gold as well as silver occur in these rocks, but their output has been insignificant compared with that derived from the overlying Paleozoic limestones which rest upon the outer edges of this central mass. Deposits in limestone, as a rule, yield a much greater and more rapidly developed product than those in so-called true fissure veins, not only because of their greater lateral extension, but because, as the limestones lie generally in a slightly inclined position, a greater bulk of ore is comparatively near the surface. These silver-bearing limestone deposits around the Sawatch uplift have yielded in the last thirteen years over $180,000,000, or 70 per cent of the total silver product of the State.

The Leadville deposits in the Mosquito range on the east side of the Sawatch, which were the first discovered, have thus far proved the greatest. They have yielded, up to the commencement of this year, about $135,000,000 of silver and $4,500,000 of gold. The principal values are derived from sulphides of lead and iron and zinc and their decomposition products, in the order named. But very little gold, and that locally, is derived from the limestone deposits proper, a considerable proportion of the yield given above coming from the ores extracted from the eruptive and crystalline rocks in the vicinity. It is somewhat singular that though the gold placers, discovered at this point as early as 1860, are said to have yielded $10,000,000 from a single, narrow gulch in a year or two, only one or two important gold deposits in place have thus far been found in the vicinity. It is not unlikely that more careful exploration may reveal others. Here, as in most ore deposits in limestone, the oxidized portions were much richer than the unaltered sulphides in depth. Hence, though enormous bodies of the latter have been found as exploration progressed in depth, with an ever-increasing output in bulk of ore the silver yield has steadily fallen off since the fourth year of the decade, the discovery of hitherto unopened bodies of rich oxidized ores in later years having been neutralized by the fall in the price of silver. Deep mining is relatively expensive owing to the large amount of water found, and unless some method is devised of treating the large bodies of low-grade base ores at a profit the yield of the district is likely to decrease much more with a continuation of the low price of silver, in spite of the great amount of capital invested there in smelting and hoisting plants.

The Aspen district, on the opposite slope of the Sawatch uplift, is the next important deposit of silver-bearing ores in limestone. The wealth and extent of its ore bodies were not suspected until the middle of the decade, and, even after two competing railroads had been built to it across the mountains, its production was delayed by litigation, so that it sprung suddenly from $800,000 in 1887 to $7,000,000 in 1888; its estimated yield up to 1893 already amounts to $44,000,000, which is practically all silver. In one mine, the Mollie Gibson, an ore body of unprecedented richness has been found, from which carload lots worth from $40,000 to $60,000 are not infrequently shipped. The geological structure of the region is not yet as well understood as that of Leadville; the same obstacle of excessive water in deep mines is met with; the ores, though richer, carry less lead, hence cost relatively more to smelt, and though the mine owners have shown unusual enterprise in the introduction of electricity as a motive power for mining machinery, as well as for lighting, and in introducing improved processes of reduction, the production of the district is likely to be seriously curtailed by a further drop in the price of silver.

Other valuable deposits in limestone around the Sawatch uplift have been developed, but none comparable in the extent of their ore development with the two above mentioned. The most important have been those of the Ten mile and Red Cliff mining districts on the north slope, the product of the latter of which is about one-third to two-fifths gold, derived from deposits in Cambrian quartzites; and on the southeast and southwest slopes individual mines have found large bodies of silver-bearing lead ores. The total precious-metal product of such districts is an unimportant factor industrially as compared with that of the great concentrations of the Leadville and Aspen districts, and is much more susceptible to fluctuation from decrease in the value of the product, since they do not have such large amounts of capital invested in plant that they must be worked in order to get some return from the investment.

The San Juan region as a whole has yielded in the thirteen years under consideration about 12 per cent of the silver product of the State, and in the last few years of this period over one-quarter of the gold product. Its total product of precious metals has increased rapidly and steadily during the decade from a little over $250,000 in 1880 to $7,500,000 in 1890. The central and earliest developed portion of the San Juan is the most Alpine of all Colorado, and many of the important mines are situated high

up in the mountains, at altitudes of 12,000 to 13,000 feet, so that, in spite of the strength of the veins and the remarkable richness of the ores, it was not until a large amount of capital had been invested in roads, tunnels, and railroads that they could become large producers. These deposits are mostly vertical veins in eruptive rocks, and carry considerable values in gold as well as silver. Rich placers have been found also in recent years in the valleys of the streams flowing westward from these mountain masses. The gold product of the region, which was only about $250,000 to $500,000 during the decade, jumped to $1,250,000 for the last three years. Rich gold deposits in eruptive rocks in the eastern portion of the San Juan Mountains were being worked at the commencement of the decade, but no reliable estimates were obtained as to the product of the district. It appears to have been quite small during most of the decade, but a slight increase is noted in 1892. Besides the veins in eruptive rocks silver-lead ores are found in Paleozoic limestones. The most important producers are those in the southwestern portion, around Rico, which, in the last three years, since railroad connections have been established, have contributed $3,750,000 in silver. Since the close of the decade remarkably rich deposits in eruptive rocks have been discovered in the Creede district on the eastern borders of the San Juan uplift, which is credited by the mint authorities with a product of $3,500,000 of silver in 1892, other estimates giving even a larger amount. Little is yet known of the geological relations of these deposits, but they seem to give promise of becoming important producers in the future.

While the region as a whole is without doubt very rich in mineral resources, its extremely rugged character makes the cost of mining relatively high and necessitates the investment of considerable capital in plant and transportation facilities, and unless some remarkably large concentration of deposits, comparable to those of Leadville, Aspen, or Butte, be discovered the development of the silver ores of the region will probably be seriously impeded by the fall in the price of this metal. On the other hand, the considerable portion of the deposits which carry a good part of their values in gold can probably still be worked at a profit, and of those which are exclusively gold-bearing, and which are hence less dependent on transportation facilities than mixed ores, the known deposits will be more actively developed, and new ones will probably be discovered.

The silver product of the three regions above named forms over 94 per cent of the total product of the State, which therefore they practically regulate. In gold their proportion is smaller, being from 63 to 85 per cent. of the whole. Some of the balance is placer gold, but how much it is impossible to determine. There are many extensive and valuable placer deposits in Colorado, but relatively little attention has been given to them. In 1880 their product was only 3.77 per cent of the gold product of the State. While they are relatively less important than those of Montana or California, their product can doubtless be very considerably increased, with a profit to the owners.

In considering the product of the entire State, as given in the table below, it will be seen that there has been an increase in the product of each of the precious metals during the decade, and that the rate of increase has been much higher since its close. For silver there was a decrease about the middle of the decade, due to the falling off in the Leadville product. This was replaced during the latter part of the decade by the rapid increase in Aspen's production, to which has been added since its close that of the new district of Creede, in either case, although primarily resulting from the discovery of large bodies of very rich ore, yet largely dependent upon the advent of railroads. The increase in the gold product in the last years is doubtless largely due to the product of the new Cripple Creek district, which the railroad has not yet reached. While the present decade may, therefore, see a considerable decrease in the silver product of the State, it is likely to be in a measure offset by an increase in its gold product.

PRODUCTION OF GOLD AND SILVER IN COLORADO SINCE 1880.

| Years. | Gold. | Silver. | Years. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $3,200,000 | $17,000,000 | 1887 | $4,000,000 | $15,000,000 |
| 1881 | 3,300,000 | 17,160,000 | 1888 | 3,758,600 | 19,000,000 |
| 1882 | 3,360,000 | 16,500,000 | 1889 | 4,000,000 | 20,686,868 |
| 1883 | 4,100,000 | 17,370,000 | 1890 | 4,150,000 | 24,307,070 |
| 1884 | 4,250,000 | 16,000,000 | 1891 | 4,600,000 | 27,358,384 |
| 1885 | 4,200,000 | 15,800,000 | 1892 | 5,300,000 | 34,433,681 |
| 1886 | 4,450,000 | 16,000,000 | 1893 | 7,527,000 | 33,407,483 |

*DAKOTA.*

The precious metal product of South Dakota is entirely derived from the isolated mountain group on its western boundary, known as the Black Hills. This group, which is in the form of an ellipse, about 100 by 50 miles in dimensions, is a most interesting and typical example of the structure known in geology as a quaquaversal uplift, or one in which the strata dip away in every direction from a central nucleus. The central nucleus in this case consists of metamorphic slates and granites of Huronian age. The sedimentary strata, which rests upon and wrap around its edges like the leaves of an onion, are successively Cambrian sandstones, Carboniferous limestones, and a series of sandstones and shales of Mesozoic age. The uppermost of the latter series is the coal-bearing Laramie Cretaceous.

The precious metal product is derived from the older rocks, which are, in places, cut by dikes and intrusive bodies of later eruptives. Although, as is generally the case, it was the placer gold that first attracted miners to the region in 1875, these deposits are not very extensive, and the gold derived from them forms an inconsiderable portion of the gold product of the State, having averaged in round numbers about $50,000 in the early part of the decade and $30,000 per annum in the last few years, or less than one-twentieth of the total gold product.

It is deep mining in large and easily-worked bodies of extremely low-grade ore that has been the characteristic feature of the mining industry of the region, and has placed it on an unusually permanent basis. Four large mines, now controlled by a single company, have in the last eight years contributed more than $20,000,000, or over five-sixths of the total of about $24,000,000 of gold produced in the region. Their deposits occur in the crystalline schists at the northern end of the range, in immense bodies sometimes 400 feet wide. The ore is a free milling gold ore, easily crushed, and practically free from other metallic combinations except a small amount of iron pyrite, so that, though its average yield is said to be from $2 to $4 per ton, owing to the large quantity treated, it can be worked at a profit, and the mines have paid about $6,000,000 in dividends to their owners. Although no ore bodies are inexhaustible and one mine of the group has already ceased producing, so that the product from these mines will necessarily decrease in time, they have proved unusually permanent and the industry established by them has encouraged the building of railroads, which furnish fuel and other necessary facilities for cheap mining; hence it is reasonable to expect that the development of other bodies will gradually replace the falling off in their product. Four competing railroads now reach the region, where none existed at the commencement of the decade.

Gold-bearing ores also occur in the Potsdam or Cambrian sandstone. The most interesting, from a scientific point of view, are the cement or conglomerate ores at its base, which are considered to be old placers formed on the shores of the Cambrian ocean from the disintegration of the rocks of the original Huronian Island, but since hardened, so that the ore is crushed and milled, and its product is classed with that of deep mines. Complicated base-metal ores, rich in gold, also occur in

these sandstones, and at the end of the decade had begun to be mined on a considerable scale, the more complicated smelting or lixiviation processes neccessary for the treatment of such ores having been rendered practicable by the supply of cheap fuel brought in by the railroads.

Of the silver product of the State a small but regular amount is derived from the gold bullion of the gold belt mines, about 1½ per cent. of whose value is in silver. Besides the base metal mines which contain silver as well as gold, argentiferous galena ores are also found in the Potsdam sandstone, but the main silver product has been derived from contact deposits in the Carboniferous limestones in association with eruptive rocks, and it is to variations in the productiveness of these mines probably that the fluctuating character of the silver product as a whole is mainly due.

The gold product, which showed a steady decrease during the first part of the decade, increased as steadily during the latter part and had already reached its former level. Whether it continues this increase as a whole is mainly dependent on the gold-belt mines, but a fair increase in the product of outside mines may be looked for. The product of silver will probably continue to be small and uncertain.

PRODUCTION OF GOLD AND SILVER IN SOUTH DAKOTA SINCE 1880.

| Year. | Gold. | Silver. | Year. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $3,305,843 | $70,813 | 1887 | $2,400,000 | $540,000 |
| 1881 | 4,000,000 | 70,000 | 1888 | 2,600,000 | 100,000 |
| 1882 | 3,300,000 | 175,000 | 1889 | 2,900,000 | 64,646 |
| 1883 | 3,200,000 | 150,000 | 1890 | 3,200,000 | 129,292 |
| 1884 | 3,300,000 | 150,000 | 1891 | 3,550,000 | 129,292 |
| 1885 | 3,200,000 | 100,000 | 1892 | 3,700,000 | 75,119 |
| 1886 | 2,700,000 | 425,000 | 1893 | 4,006,400 | 181,527 |

*IDAHO.*

The State of Idaho in different portions partakes of the physical and geological characteristics of adjoining States. North of the great lava flows of the Snake Plains it is a mountainous region with high, well-watered valleys, similar physically and geologically to the adjoining region of western Montana. South and southwest of the Snake River Valley it incloses part of the great basin region of Utah and Nevada.

In the larger valleys of the northern portion are considerable accumulations of gold-bearing gravels, many of which are so situated that they could not have been deposited by present streams, and bear considerable resemblance to the older placer deposits of California. The immediate valley of the Snake River also contains gravel bars rich in placer gold brought down from its headwaters in the Rocky Mountains. It is, however, in so fine a state of division that great difficulty is found in saving it by the ordinary processes. The mountains of the northern portion contain both silver-lead and gold ores, which occur both in granites and sedimentary rocks of Paleozoic age. The former class of ores has received the most attention on account of the demand by large smelters for ore of this character, which it has consequently been possible to mine at a profit in spite of the fall in the price of silver. The most important new development during the decade has been that of the Cœur d'Alène region in the northern part of the State. Its ores though comparatively low in silver are rich in lead, and hence sought after by the smelters.

From 1886 to 1891, inclusive, this district is reported to have produced about seven millions (coining value) in silver, and a somewhat larger value in lead. With the stimulus to gold mining that may be looked for as a result of the fall in the price of silver it is probable that more attention will be given to the development of the

gold veins of the northern region, many of which are probably valuable and will yield good returns under good management. Already outside capital has been invested in considerable amount during recent years for the purpose of working the larger placers by the hydraulic process, but the returns from such investments are necessarily slow, and in the absence of statistics as to the relative proportion of gold derived from deep and from placer mines in the total product of the State, it is impossible to determine how much influence they have already had upon the product.

In the granites and eruptive rocks of the southwestern portion of the State extraordinarily rich deposits of high-grade silver minerals were early discovered and worked; and many of the mines have been since abandoned, apparently in large measure on account of financial complications. These ores are in many respects similar to the rich silver ores which are characteristic of the western Nevada belt. During the decade new discoveries of similar ores have been made in the region, and already the Delamar mines have become large and important producers of silver.

The available statistics of the production of the precious metals during the decade show a slight increase in the gold product with small but not important fluctuations in its amount which may be taken in round numbers at about two millions for the latter half. At least one-half of this product may be estimated to have been derived from placer mines. According to the reports of the Tenth Census the placer mines of Idaho ranked next in importance to those of Montana and California, and what is known of their geological relations give promise of a permanence in their product comparable to a certain extent to those of the latter State.

The silver industry, on the other hand, has shown a rapid and comparatively regular development, the product of this metal having increased from less than half a million in 1880 to more than four millions in 1889–'90. This development has been materially aided by the building of branch railroads from the transcontinental lines to some of the more important mining centers. This fact and demand for its ores by the smelters lends a character of permanence to this industry that is wanting in some other regions.

It may be assumed, therefore, that with a continuance of the present low price of silver, although the production of that metal in the State will probably decrease, the amount of decrease will be less than for many other silver-producing regions, and that when conditions have so adjusted themselves as to assure comparative permanency in the price of silver the mining industry will adapt itself to those conditions and the production of silver become comparatively regular. In the production of gold a fairly regular though probably not rapid increase may be looked for.

PRODUCTION OF GOLD AND SILVER IN IDAHO SINCE 1880.

| Year. | Gold. | Silver. | Year. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $1,479,653 | $464,550 | 1887 | 1,900,000 | 3,000,000 |
| 1881 | 1,700,000 | 1,300,000 | 1888 | 2,400,000 | 3,000,000 |
| 1882 | 1,500,000 | 2,000,000 | 1889 | 2,000,000 | 4,395,959 |
| 1883 | 1,400,000 | 2,100,000 | 1890 | 1,850,000 | 4,783,838 |
| 1884 | 1,250,000 | 2,720,000 | 1891 | 1,680,000 | 5,216,970 |
| 1885 | 1,800,000 | 3,500,000 | 1892 | 1,721,364 | 4,475,087 |
| 1886 | 1,800,000 | 3,600,000 | 1893 | 1,646,900 | 5,056,259 |

*MONTANA.*

The precious-metal product of Montana has been mainly derived from the granites, Paleozoic limestones, and sandstones and associated eruptives which make up the mountains of its western portion, although the coal beds contained in the Mesozoic strata which underlie the broader valleys and plains in the eastern portion has played an important part in the development of the mining industry of the State.

The mountainous portion of the State has many broad valleys that are characterized by unusually large accumulations of detrital material, many of which have been proved to be highly auriferous. Geological examinations have not yet determined the age of all these gravels, but while a large proportion are undoubtedly recent, it is likely that some may be proved to be of more ancient formation. Their extent and richness have given to Montana a rank next to California in the production of placer gold, and made it during the first two decades of its existence essentially a gold-producing State. During the decade 1880 to 1890 conditions have radically changed. Its silver production has enormously increased, while the gold product, though fluctuating somewhat from year to year, has shown a considerable decrease from the production of earlier years.

In 1880 the gold derived from placers constituted nearly two-thirds of the total gold product of the State; in 1884 this proportion was reduced to little over two-fifths. There are no statistics as to the proportion in later years, but it is known in a general way that placer mining was much retarded by lack of water, and as the gold product as a whole has increased it is evident that there has been a still greater increase in the proportion of gold derived from deep mines. A considerable portion of this gold is known to have been derived from ores carrying both gold and silver; the Drumlummon mine, for instance, whose ores had over three-fifths their value in gold, have contributed about $5,000,000 to the gold product of the decade, but there are mines which have been worked for gold alone, and their number will probably be increased in the future.

To the enormous development of the silver production of the State during the decade, besides the discovery of rich deposits of unusual magnitude, other causes have contributed which have been hardly less important factors in establishing the mining industry on a permanent basis. The first of these has been the rapid development of railroads during this time, so that now the State is traversed by the lines of three large systems, two of which are transcontinental and the third is likely to become so shortly. Not only have the ores of the State been thus brought within reach of outside smelters, but the building within the State of smelting plants and of amalgamation plants of complicated nature requiring a large supply of fuel has been rendered practicable and actually brought about through this agency.

The most important producer of silver has been the mining district of Butte, whose development followed closely on the heels of that of Leadville in Colorado, which it soon rivaled in the magnitude of its product of this metal. Here the analogy ceases, however. The silver ores of Butte contain but little lead, and are mostly reduced by the amalgamation process combined with previous roasting and chlorination, there being only a single smelter which treats them, and this in connection with copper instead of lead. The ores are obtained from a series of strong and large vertical fissures in granite in the vicinity of a recent eruption of rhyolite. While at first silver was the principal product, it has of late years been overshadowed in value by the copper product, coming from a similarly situated and parallel but distinct series of veins which carry but little silver. The total precious-metal product of the district is estimated at about $92,000,000, of which nearly 7 per cent in value is gold. The silver product reached its climax within the decade, and at its close had already begun to decline. This decline resulted not so much from exhaustion of the ore bodies as from the high cost of reduction, which, when combined with increased cost of mining at depths of 1,000 feet or more, soon made the cost of production equal to the declining price of silver. In consequence, most of the larger silver mines of the district are at present practically closed.

Outside of this district several unusually large and rich silver-bearing deposits have been developed during the decade, the most important of which is that upon which the Granite Mountain and Bi-Metallic Mines have been located, also a strong vertical fissure in granite. The former alone has produced over $14,000,000, mostly

in silver, during the decade. The Drumlummon is another important deposit, which has produced over $7,000,000 during the decade, of which less than half the value was in silver. Important deposits of argentiferous galena ores in limestone are also found, but their production is so far less important than the similar class of deposits in Colorado. Mining development in this State has progressed more rapidly than scientific investigation, and the geological conditions of a great number of its deposits are yet unknown.

The silver product, as shown by statistics, has increased steadily up to the end of 1892, thus proving a considerable increase in the product of districts and mines other than those mentioned above, which at the present time are either closed or working with a greatly reduced force. While, therefore, a very considerable falling off in the silver production of the State is to be looked for, it is not likely to cease altogether under any probable reduction in the price of that metal. Nor, on the other hand, is a moderate rise in that price liable to result in any great immediate increase, for most of the largest known ore bodies have been worked out to such a depth that the starting up of work again means a preliminary expenditure too large to be undertaken without the fair certainty of a permanent price for the product.

The gold output, on the other hand, is liable to increase, Under favorable conditions placer mining will be resumed. A considerable portion of the State is not yet thoroughly explored for ore deposits, and gold-bearing ores will be more sought than formerly, while of already opened deposits work on those that carry considerable values in gold as well as in silver will naturally be continued rather than on those whose values are in silver alone.

PRODUCTION OF GOLD AND SILVER IN MONTANA SINCE 1880.

| Years. | Gold. | Silver. | Years. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $1,805,767 | $2,905,068 | 1887 | $5,230,000 | $15,500,000 |
| 1881 | 2,330,000 | 2,630,000 | 1888 | 4,200,000 | 17,000,000 |
| 1882 | 2,550,000 | 4,870,000 | 1889 | 3,500,000 | 19,393,939 |
| 1883 | 1,800,000 | 6,000,000 | 1890 | 3,800,000 | 20,363,636 |
| 1884 | 2,170,000 | 7,000,000 | 1891 | 2,890,000 | 21,139,394 |
| 1885 | 3,300,000 | 10,060,000 | 1892 | 2,891,386 | 24,615,822 |
| 1886 | 4,425,000 | 12,400,000 | 1893 | 3,576,000 | 21,858,780 |

*NEVADA.*

The State of Nevada has peculiar physical conditions, characteristic of the so-called Great Basin region which extends beyond its boundaries into western Arizona, southeastern California, western Utah, and portions of Idaho and eastern Oregon. These are a very arid climate, a scarcity of running water, and no exterior drainage, except in the portion traversed by the Colorado River, which, however, does but little to relieve it of its desert character. In such a region agriculture is necessarily so limited in its development as to be unable to constitute a self-supporting industry, and, since the inhabitants must necessarily be dependent on mining or pastoral industries, it will always be sparsely populated. It suffers under the further disadvantage of containing no economically valuable coal beds. Under these circumstances it can hardly expect to have the network of railroads whose permanence is dependent upon a local population, and which do so much to reduce the cost of working ores in more favored regions; and for mining as an industry to flourish in such a region it is requisite that it should have either exceptionally rich ores or remarkably large concentrations of ore in a limited district. Under such conditions

even, the industry is necessarily liable to frequent fluctuations in its product, and such, as statistics show, has been the case with Nevada.

Placer deposits like those found in California are necessarily wanting in Nevada, owing to the absence of large running streams. Its surface is a series of broad valleys, separated by narrow and isolated mountain ranges. These valleys have considerable accumulations of detrital material, which is spread out in long gentle slopes from the foothills of the mountains to the middle of the respective valleys. This material is the result of subaerial erosion, and, though metallic minerals are undoubtedly disseminated through the gravel, it would hardly be expected that they would be found to any great extent concentrated into workable deposits. Even if they were so concentrated, it is only under exceptional conditions, as for instance in the southeastern part of the State, that a sufficient supply of mining water could be obtained to work them.

Its mountains are made up of sedimentary rocks ranging in age from the Jurassic back to Cambrian, and of a great abundance and variety of crystalline and eruptive rocks, whose geological conditions have been extremely favorable to the concentration of the precious metals into ore deposits. The greater part of the ores thus far developed have been, especially in the western part of the State, high-grade silver minerals, relatively rich in gold, the amount of base metals associated with them seeming to be in larger proportion in the eastern part of the State.

As its development proceeded from west to east, and ores were naturally developed in proportion to their adabtability to amalgamation processes which were first perfected in the West, rather than to smelting, which alone is capable of treating profitably complicated base metal ores, the actual developments may represent rather the result of these conditions than of the relative proportions in which the metals exist in the rocks. Both classes of ore contain a relatively large proportion of gold, while of gold ores proper, that is, those which contain no appreciable values in other metals, the amount discovered has been very limited, and, so far as known, confined to the western borders of the State.

The production of the Comstock lode, which is a fault fissure in eruptive rocks, that has been worked on a length of nearly 4 miles and to a depth of 3,000 feet, has hitherto overshadowed that of all other mines in the State, having reached in 1892 a total of $350,000,000 in silver and gold in the approximate proportion of 6 to 4.

Owing to the great expense of working and the exhaustion of its great bonanzas, its lower workings were abandoned at the close of the last decade, and its production during the present decade has been little more than an eighth of what it was during the previous one. In spite of this greatly reduced production its proportion of the total product of the State has been nearly two-fifths of the silver and over three-fifths of the gold. Its lowest years were 1881 and 1882, but, although in 1891 and 1892 its product was more than double that of the two former years, inasmuch as this product must have been derived from ground that had been already worked over, it can not be expected to continue this rate of production for many years longer, especially with the reduced price of silver.

The Eureka district, in the central portion of the State, which has been the largest producer next to the Comstock, gets its ores, which are largely argentiferous galenas and their decomposition products, from the Silurian limestones. They have to be reduced by smelting, which is rendered expensive by the high cost of fuel, and the district consequently has been among the first to be adversely influenced by the reduced price of silver. The output of precious metals has fallen off from $1,250,000 in 1887 to $630,000 in 1892. The most important mines have stopped all new work, and with a continuation of the present low price of silver the production of the district will probably be reduced to an insignificant amount. The ores carry one-third of their value in gold, and the amount of this metal produced by them during the decade, combined with that derived from Comstock ores, make up all but about $2,000,000 out of the $25,000,000 of gold reported during this period for the entire

State. If these two sources of supply of the precious metals become exhausted or cease to produce, the additional stimulus which may be given to the search after and development of gold deposits can hardly be expected to afford any adequate compensation for the loss to our gold product which will result therefrom.

Of the numerous smaller mining districts scattered through various portions of the State, it can only be said that, owing to the high cost of working consequent upon the physical conditions described above, their product has been subject to considerable fluctuations during the decade, and their development as a rule can hardly be said to have become established upon a permanent basis. With a reduced price of silver it is probable that many of them, especially those in the southern and eastern part of the State, which have rich silver-bearing ores in limestone, will be abandoned. The Pioche district, which, prior to 1880, had produced nearly $20,000,000 from its rich silver-bearing lead ores in limestones and quartzites, has lain idle during the entire decade for the reason that its ores can no longer be profitably worked except by smelting, and this is not possible until the district is reached by a railroad. Those in eruptive and more siliceous rocks along the northern and western borders may be kept alive by turning their attention to the development of the gold ores which are likely to be found in these regions, but the mining industry of the State, taken as a whole, is liable to be most disastrously affected by a permanent reduction in the price of silver.

PRODUCTION OF GOLD AND SILVER IN NEVADA SINCE 1880.

| Years. | Gold. | Silver. | Years. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $4,888,242 | $12,430,667 | 1887 | $2,500,000 | $4,900,000 |
| 1881 | 2,250,000 | 7,060,000 | 1888 | 3,525,000 | 7,000,000 |
| 1882 | 2,000,000 | 6,750,000 | 1889 | 3,000,000 | 6,206,000 |
| 1883 | 2,520,000 | 5,430,000 | 1890 | 2,800,000 | 5,753,535 |
| 1884 | 3,500,000 | 5,600,000 | 1891 | 2,050,000 | 4,551,111 |
| 1885 | 3,100,000 | 6,000,000 | 1892 | 1,571,500 | 3,173,495 |
| 1886 | 3,090,000 | 5,000,000 | 1893 | 958,500 | 2,018,651 |

*NEW MEXICO.*

In climate and physical conditions New Mexico has a general resemblance to Arizona, but it has a great advantage over the latter Territory in the occurrence of coal-bearing rocks within its borders upon whose existence has largely depended the development of railroads, smelting plants, and other factors that favor the establishment of the mining industry on a permanent basis. Of its geological structure only the most general features are known. The basin ranges extend across the southwestern portion, having, as in Arizona, a general northwest trend and made up of Paleozoic beds resting on crystalline rocks, both of which are traversed by eruptives. The southern end of the Rocky Mountains project across the northern boundary of the Territory, while through the middle portion run isolated ranges with a north and south trend, similar in geological and physical structure to the basin ranges; these become less frequent east of the valley of the Rio Grande and finally disappear in the plain region of northern Texas. In the angle between the northwesterly and northward trending ranges, in the northwestern portion of the Territory, is included a portion of the Colorado plateau which terminates to the southward in a large area of recent lava flows.

The precious-metal product of the Territory has been almost exclusively derived from the mountain ranges. Placers have been worked to a certain extent in the valleys of the southwestern part of the Territory, but their output is not known. Rich placer ground is known to exist on the débris slopes of the broad arid valleys to the south of the Rocky Mountains, but they can not be worked without the expend-

iture of considerable capital in water ditches, and litigation is said to have hitherto stood in the way of their development.

The northwest trending ranges in the western and southwestern portion of the Territory have been the earliest and most permanent producers. Their ores are mostly silver-bearing, but carry some gold; and gold ores, reducible by amalgamation, have also been developed. A most favorable indication for mining in this region has been the experience that some base metal ores have greatly increased in gold value below the oxidized zone and been successfully reduced after concentration.

A north and south belt along the west side of the Rio Grande valley, which reached its climax of development about the middle of the decade, has been the most important factor in the silver production of the Territory. The ores are argentiferous galenas and their decomposition products, occurring in Carboniferous limestones; and their development has been stimulated by the proximity of railroads and the establishment of smelting plants. The fall in the price of silver, which came at a time when the richest ore bodies had mostly been worked out, had a most disastrous effect on the silver production of this belt, whose influence is seen in the steady decrease in the product of the metal for the Territory during the last half of the decade. In one portion of this belt is a district in which gold is the chief product, and in which the stimulus given to the development of such ores by the fall in the price of silver has already had the effect of doubling its product.

In the mountains to the east of the Rio Grande Valley are several mining districts whose chief product is gold. In spite of the difficulties with which they have to contend in transporting supplies from the railroad 100 miles over a desert country, their product has rapidly increased during the last half of the decade, $55,000 being reported for 1886 and $256,000 in 1892.

It seems rather singular that but little active mining appears to be going on in the high mountains of the Rocky Mountain system near the northern boundary of the Territory, in which from general geological indications it would be expected that rich ore bodies might be found. This may be possibly due to the fact that a very considerable portion of this area is included in old Spanish grants, since confirmed to individual owners, and in which the discovery and location of ore bodies is not as attractive to the prospector as under the mining laws of the United States.

In considering the Territory as a whole it will be seen by reference to the table that the increase of the gold product during the decade has been steady and continuous, and a further and possibly greater increase may reasonably be looked for in the coming decade.

While the silver product, however, shows a considerable increase between the commencement and end of the decade, the falling off in the latter half has been about 50 per cent, or at the average rate of about a quarter of a million per annum. Under existing financial conditions a still further decrease may be looked for, but the entire silver product is not likely to cease since, although silver mining *per se* may no longer be profitable, a certain amount will naturally be produced as a by-product in the reduction of other ores required by smelters.

PRODUCTION OF GOLD AND SILVER IN NEW MEXICO SINCE 1880.

| Years. | Gold. | Silver. | Years. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $49,354 | $372,337 | 1887 | $500,000 | $2,300,000 |
| 1881 | 185,000 | 275,000 | 1888 | 602,000 | 1,200,000 |
| 1882 | 150,000 | 1,800,000 | 1889 | 1,000,000 | 1,461,010 |
| 1883 | 280,000 | 2,845,000 | 1890 | 850,000 | 1,630,808 |
| 1884 | 300,000 | 3,000,000 | 1891 | 905,000 | 1,713,121 |
| 1885 | 800,000 | 3,000,000 | 1892 | 950,000 | 1,521,390 |
| 1886 | 400,000 | 2,300,000 | 1893 | 913,100 | 592,679 |

*OREGON.*

In physical and climatic conditions the State of Oregon is divided by the Cascade range into two distinct and strongly contrasted portions. Western Oregon is a rugged and mountainous belt having a very moist climate. Eastern Oregon, which occupies two-thirds of the area of the State, is mostly broad desert valleys with a few mountain ranges toward the eastern border, and has the dry climate peculiar to the interior of the Rocky Mountain region. Of the geology of the State only a few broad general features are known. The rugged region of western Oregon contains representatives of the auriferous slates of the Sierra Nevada, and is supposed to form the geological continuation of that range. The higher portion of the Cascade range is formed of recent lavas, which spread out in places to a considerable distance over the horizontal tertiary beds that fill the broad plains and valleys at its eastern base. The most important mountain range of eastern Oregon, the Blue Mountains, is reported to contain Triassic and Jurassic limestones, like corresponding ranges in western Nevada, while granites and metamorphic rocks form the basement complex, underlying all more recent sediments.

The precious metal output of the State is mainly in gold, silver having been produced in comparatively insignificant amount, except at the close of the decade when several important silver mines were opened in the eastern portion of the State, but which have since been closed down.

The gold placers of western Oregon are from the configuration of the country necessarily much smaller than those of California, yet in earlier times they afforded the major part of the gold product of the State. They are still worked on a small scale by individual miners, largely Chinese, and to some extent by hydraulic mining. An interesting variety of placer mine is afforded by the beach sands which result from the disintegration of the gold-bearing rocks along the Oregon coast. A small amount of placer gold is derived from them, but as a rule they are not sufficiently rich to yield much profit. At the commencement of the decade the product of western Oregon was nearly two-fifths that of the entire State, but in 1890 its product had decreased to half of what it was in 1880, and formed only one-fifth of the State's product. In the former period this product was practically all derived from placer mines, but since then there has been a small but increasing product from vein mining, though what proportion it bears to the entire product is unknown.

In eastern Oregon deep mining had already assumed considerable importance at the commencement of the decade, having yielded nearly one-third of the entire gold product of that portion of the State, while the other two-thirds came from placers. Although the returns of later years are not segregated, it may be assumed that the proportion derived from deep mining has increased, since the product of the entire region has so much increased as to replace the decrease in the production of western Oregon. The greater part of the product of eastern Oregon comes from mines along the eastern edge of the State, the yield of those scattered through the interior having been comparatively insignificant. Although the census figures show an apparent slight falling off in 1890 as compared with 1880, those of the Director of the Mint show an increase and a still greater one in the two succeeding years. A gold yield that depends on placer mining is necessarily subject to fluctuations due to failure or abundance of water supply, and no great permanence can be assured for Oregon's gold yield until it is derived in greater degree from deep mining.

PRODUCTION OF GOLD AND SILVER IN OREGON SINCE 1880.

| Year. | Gold. | Silver. | Year. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $1,097,701 | $27,793 | 1887 | $900,000 | $10,000 |
| 1881 | 1,100,000 | 50,000 | 1888 | 825,000 | 15,000 |
| 1882 | 830,000 | 35,000 | 1889 | 1,200,000 | 38,787 |
| 1883 | 660,000 | 20,000 | 1890 | 1,100,000 | 96,969 |
| 1884 | 660,000 | 20,000 | 1891 | 1,640,000 | 297,374 |
| 1885 | 800,000 | 10,000 | 1892 | 1,400,000 | 70,077 |
| 1886 | 990,000 | 5,000 | 1893 | 1,645,300 | 15,257 |

*UTAH.*

The generally north and south trend of the Wasatch uplift divides the Territory of Utah into two parts, sharply contrasted geologically as well as topographically, though both possess the generally arid climate of the interior basin of the Cordilleran system. To the east is the plateau country, a region mainly occupied by extensive table-lands with narrow, tortuous valleys in whose bottoms run small streams tributary to the Colorado River that receive their waters from the bordering mountain ranges. The surface of the region is mostly covered by flat-lying beds of Mesozoic and Tertiary age.

On the west of this line is the Basin range province, a region of isolated mountain ranges, separated by broad desert valleys, with no external drainage. In some of these valleys are still found lakes, the partly desiccated relics of larger bodies, whose waters are for the most part so strongly charged with mineral matter as to be unserviceable to man. The mountain ranges are made up of upturned sedimentary strata of Paleozoic age, of older crystalline rocks, and of more recent eruptives; the desert valleys are covered by gravels and clays of Quaternary or recent formation.

At its northern end the Wasatch uplift develops into a broad, high mountain mass which sends down the streams that, under the beneficent irrigation system of the Mormons, have converted the desert valleys into fruitful farming lands.

This is the only part of the Territory that is capable of supporting an abundant population, and is hence necessarily its industrial center. Mining in Utah, which was discouraged by the Mormon church, has only flourished during the last two decades. During the last decade, with the increase in railroad facilities, the development of the coal beds in the plateau region, and the establishment of several smelting works in Salt Lake Valley, the output of the precious metals has more than doubled, and in 1891 had reached a total of over $12,000,000.

The Wasatch Mountains, in which the valuable ore deposits were first discovered, still contain the most productive mines, the yield of a single district, and practically of one great vein, furnishing nearly one-half of the total product of this Territory. The ore bodies in limestone, which created the first mining excitement, have yielded but little during the past decade. The product of the great Ontario-Daly vein, which is in Carboniferous quartzites, associated with eruptive dikes, has reached $27,000,000. Its ores, which are mixed base metal ores, are reduced by amalgamation and lixiviation, and the regularity of its product and of the dividends paid from it have been most remarkable. At its present great depth, owing to excessive flow of water, the cost of mining has increased considerably, but will be reduced upon the completion of the deep-drainage tunnel, which has been driven during the past few years. It is probable that the mine can be worked at a profit with even greater reduction in the price of silver. The bullion produced from the mines of the district carries over 1 per cent of its value in gold.

The first of the desert ranges west of the Wasatch, the Oquirrh Mountains, has

rich silver ores and argentiferous galenas, in Paleozoic limestones and quartzites, respectively, which have yielded nearly a million annually during the decade. Although the very rich bodies first discovered are mostly exhausted, the product of the region as a whole has maintained a fairly even grade during the decade, as it has good railroad facilities and a considerable proportion of its ores are smelted. Gold forms a relatively high percentage of its product, being estimated at about 6 per cent of the value of the total yield. There are large bodies of low-grade siliceous ores, rather difficult to reduce, which can only be worked at a profit where cheap and effective methods of treatment have been devised. The output of this district, which is the third in importance in the Territory, is seriously affected by a low price of silver, though the mines producing ores rich enough in lead or copper to command good prices from the smelters will be the last to be abandoned.

The Tintic district, in one of the desert mountain ranges forming a southern continuation of the Oquirrh uplift, has been the second largest producer during the decade, its annual output varying from $1,000,000 to nearly $5,000,000. The ores are found in Paleozoic limestone and carry values in silver, gold, and copper, with comparatively little lead, the gold yield averaging about 3½ per cent of the total value. They occur in immense bodies, and when profitably worked yield large returns, but are difficult of reduction under ordinary methods. The better grades are shipped to the copper-silver smelters in Colorado. Branch lines have been built to the district by two competing railroad systems during the decade. Nevertheless, the character of the ores is such that the yield is extremely sensitive to fluctuations in the price of silver. It reached its maximum in 1890, and has since been falling off. With enterprise and intelligent management it would seem, however, that in virtue of their contents in copper and gold, a considerable proportion of the product might be kept up even with an excessively low price for silver.

In the San Francisco range, in the southwestern part of the Territory, large bodies of relatively pure silver-lead ores have been found, mostly in Paleozoic limestones in association with eruptive rocks, and to a certain extent within the eruptive bodies. The most important mine is the Horn Silver, which has yielded in all over $10,000,000 in silver, with an insignificant percentage of gold. Narrow-gauge railway connection was made with the district at the commencement of the decade and the ores have been sent East to be smelted. For three years, about the middle of the decade, work in the Horn Silver mine practically ceased, and the product of the district was very small, but with the resumption of work in this mine it has increased again to an annual average of over half a million. This product will naturally be dependent on the price of silver, but, though at somewhat of a disadvantage on account of its distance from industrial centers, its ore may be worked to a profit on account of their lead contents even with a low price for the precious metal.

In the extreme southwestern corner of the Territory, in a band of Mesozoic sandstones known as Silver reef, is an occurrence of silver ore of rather unusual geological character. The ore occurs rather as an impregnation of the sandstone than in well-defined ore bodies. Although of rather low grade it has been possible to mine and mill it at a profit in spite of its distance from railroad communications, owing to the purity of the mineral and the ease with which it is crushed. The total product of the district is said to have been over $6,000,000. Its annual product during the early part of the decade was about $450,000, but it has now fallen off to less than $50,000, and is no longer of much economic importance.

Mines have been opened in various other parts of the Territory, but no districts have reached the point where they can be considered as permanent producers. Considerable interest has been displayed of late years in a newly discovered district on the edge of the desert near the western boundary of the Territory known as the Deep Creek district. The ore occurs in Paleozoic limestones, is mainly silver bearing, but carries some gold. From $100,000 to $200,000 has been produced during the past two years, but no permanence can be looked for until railway communication

is established. In the plateau region in the extreme southeastern portion of the Territory adjoining Colorado, to which it belongs geologically, gold-bearing placers on the Rio San Juan and near the Henry Mountains have been discovered in late years, but too little is yet known of the geological relations to form an opinion as to whether they are liable to lead to the establishment of permanent mining districts.

In conclusion it may be said that, while the Territory is undoubtedly possessed of great wealth of the precious metals, much of which is as yet undiscovered, from the fact that the principal values of its ores are in silver, production is likely to be seriously curtailed by a permanent decrease in the price of that metal. The development of the unexplored parts, which is rendered difficult by their desert character and the want of knowledge of their geological structure, will be further discouraged by a decrease in the prosperity of those already developed.

PRODUCTION OF GOLD AND SILVER IN UTAH SINCE 1880.

| Year. | Gold. | Silver. | Year. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $205,747 | $3,068,614 | 1887 | $220,000 | $7,000,000 |
| 1881 | 145,000 | 6,400,000 | 1888 | 290,000 | 7,000,000 |
| 1882 | 190,000 | 6,800,000 | 1889 | 500,000 | 9,050,505 |
| 1883 | 140,000 | 5,620,000 | 1890 | 680,000 | 10,343,434 |
| 1884 | 120,000 | 6,800,000 | 1891 | 650,000 | 11,313,131 |
| 1885 | 180,000 | 6,750,000 | 1892 | 660,175 | 10,978,004 |
| 1886 | 216,000 | 6,500,000 | 1893 | 853,600 | 9,304,397 |

*WASHINGTON.*

The climatic and physical conditions of the State of Washington closely resemble those of Oregon, it being divided by the Cascade Mountains into a humid coast belt on the west and a dry interior region on the east. A large plain area occupies the central portion of the interior or eastern division, which is surrounded by mountains that extend into it from adjoining regions. Of the geology of the State even less is known than with regard to that of Oregon.

The western belt contains valuable coal beds, which have received considerable development during the decade, owing to the demands made upon them by railroads and steamers, but no output of precious metals has been reported for this portion of the State. The Cascade Range proper, which is largely made up of recent lava flows, has also yielded no ore bodies, but in its outlying eastern spurs rich gold ore bodies are said to have been found in eruptive rocks, which are probably of more ancient date than the lavas. The gold product of the State, though showing a creditable increase during the decade, is still very small and largely derived from small placer mines, the working of which is rendered easy by the abundant water supply afforded by the many considerable rivers and streams throughout the State. Deep mining was apparently only taken up toward the close of the decade, and up to the present time its principal development has been in the northern and eastern portion of the State, in deposits that yield mixed ores carrying values in silver and gold, or silver alone.

The eastern slopes of the Cascade Range have yielded gold alone, and the northern slopes of the Blue Mountains of Oregon both gold and silver. The entire silver product of the State has been inconsiderable, being not more than half that of gold, and has already fallen off very sensibly with the drop in the price of silver. It is from the development of gold vein-mining that a permanent increase in the mining industry of the State is to be looked for, and what little is known renders it fairly probable that such mining may prove profitable in the future.

PRODUCTION OF GOLD AND SILVER IN WASHINGTON SINCE 1880.

| Year. | Gold. | Silver. | Year. | Gold. | Silver. |
|---|---|---|---|---|---|
| 1880 | $135,800 | $1,019 | 1887 | $150,000 | $100,000 |
| 1881 | 120,000 | ..... | 1888 | 145,000 | 100,000 |
| 1882 | 120,000 | ..... | 1889 | 175,000 | 103,434 |
| 1883 | 80,000 | 500 | 1890 | 204,000 | 90,505 |
| 1884 | 85,000 | 1,000 | 1891 | 335,000 | 213,334 |
| 1885 | 120,000 | 70,000 | 1892 | 373,561 | 214,238 |
| 1886 | 147,000 | 80,000 | 1893 | 222,100 | 197,430 |

*WYOMING.*

The precious-metal production of Wyoming has thus far been too insignificant to be taken into account. The eastern and middle portions of the State, which were the first to be settled, are great plains of flat-lying Cretaceous and Tertiary rocks, where metal-bearing deposits would not be looked for and which are preeminently adapted for pasturing cattle. The principal industry of the State has, therefore, been pastoral and the mining element in its population extremely limited; it is to this fact rather than to want of natural resources in minerals that the relative backwardness of its mining development is due. The coals which underlie a great part of its plain areas have been developed only so far as meet the wants of the railroads which traverse its territory.

Besides this great source of industrial wealth it possesses valuable stores of petroleum and alkaline salts, all of which form the most substantial foundation upon which to found a permanent mining industry. Within its boundaries, moreover, are large mountain areas which there is every reason to believe will prove rich in the deposits of the useful metals when the discovery and the development of some mining district shall have given the necessary guide and impetus to the work of the prospector, so that they will be thoroughly explored.

Across the southern boundary of the State projects the northern end of the Colorado Mountain uplifts, in which there has already been a fitful development of precious metal deposits. A few deposits have also been opened in the low east and west ridges running through the middle of the State; but it is to the great mountain area occupying the northwestern corner and covering nearly a third of the surface of the State, which is still practically a *terra incognita*, that one naturally looks for the next important development of precious metals.

At the southwestern extremity of the great Wind River Range gold placers have been worked in a small way for many years, and it is from them that the small but relatively steady gold product mainly comes. From what is known of the geological structure of this great range it appears to possess the elements that would favor the concentration of metallic minerals into economically valuable deposits, and it is reasonable to expect that intelligent and thorough prospecting, especially if supported by a fair amount of capital, would result in their discovery. The Big Horn Mountains, lying due west of the Black Hills of Dakota, which have proved so fruitful a source of gold, are said to resemble the latter in geological structure, and if this is true it might reasonably be expected that an analogous concentration of metallic minerals might be found in them. It is impossible to forecast the probable mineral wealth of a region without some general knowledge of its geological structure, and even this is wanting for the greater part of the mountain areas of Wyoming. Preliminary gelogical surveys of this comparatively unknown region would be a most valuable preparation for the work of a prospector, and are indispensable for the capitalists. Under systematic and intelligent development, Wyoming, lying as it

does between the important precious-metal areas of Montana and Dakota, might rival them in time in the value of its gold product, especially in view of the advantage it possesses in its physical structure and already established railroad connections.

### *THE APPALACHIAN STATES.*

Although the existence of gold in the rocks of the Appalachian range was known soon after the discovery of our continent, and the gold-bearing deposits have been mined sporadically since colonial times, less is definitely known with regard to the geology of the rocks in which they occur or the relations of the deposits themselves than of any other gold-bearing deposits within the United States. It is probable that to this ignorance, combined with the want of technical knowledge on the part of most of those who have attempted to mine them, may in a great measure be attributed the many financial disasters that have brought gold mining in this region into disrepute.

They occur along a fairly well-defined belt running northeast and southwest the strike of the principal geological features of the mountains, in a series of highly metamorphic rocks belonging to one of the as yet undifferentiated pre-Cambrian series which until within a comparatively few years were indiscriminately classed as Archean. The ores are found in quartz veins and impregnating the adjoining altered country rock, often in the vicinity of eruptive dikes. The veins as a rule are of rather moderate dimensions as compared with the great quartz lodes of California, but they are often more abundant within a given area, and, within the zone of oxidation, portions of them have proved exceptionally rich in free gold. The configuration and physical character of the country is not such as to favor the accumulation of large bodies of placer gravel, yet occurring as they do in the unglaciated region, the surface material in the vicinity of outcrops of veins, as a result of secular disintegration, is sometimes rich enough to be worked profitably as a placer deposit. When the limits of the zone of oxidation have been reached the sulphuret ores generally found to be of too low grade to be profitably amalgamated, and this treatment is sometimes further complicated by their association with tellurium; hence mining has in many cases been abandoned while the workings were still comparatively shallow, and the impression has got abroad that gold does not continue in depth.

One of first essentials for the systematic development of the resources of the belt is a cheap and practical process for the extraction of the gold from the sulphuret ores, and one seems to have been discovered which solves this problem for the ores of the southern portion of the belt.

As shown by the tables of production given below, the precious-metal product of the belt is practically all gold, although a few thousand ounces of silver have been produced of late years in the smelting of lead-zinc ores mined in North Carolina. Systematic gold mining can be said to have been carried on in North and South Carolina and Georgia, the gold product of the other States mentioned having been produced by petty mining and by a few attempts at development in Maryland and Virginia, which have not yet reached the stage of permanent mining. Of the product of the first three States mentioned, which in favorable years has reached nearly half a million dollars, a certain proportion has been derived from placer mines, but the greater part from veins not yet worked below the zone of oxidation; the product has, hence, been subject to fluctuation.

The product of mining in South Carolina, although its aggregate product is less than either of the other two States, is of greater importance to the development of mining industry, as in late years it shows a steady increase resulting from the successful working of sulphuret ores by a comparatively simple process of chlorination, which differs from the many patent processes that have been the curse of the region in that it has been evolved from practical experiment on the ores of one of

the working mines, and does not claim to be able to extract more gold from any one than can be shown to exist in it by assay. This process has already been successfully applied to the ores of other mines in this State, and is about to be used in those of the neighboring States. It is probable that when the geology of the belt becomes better known, and mining gradually falls into the hands of those who possess not only capital but also sufficient practical knowledge of the business of mining to be satisfied with reasonable profits, and who will carry it on in a systematic way and according to scientific rather than charlatan methods, the gold product of this belt will gradually become an important contributor to the nation's wealth.

PRODUCTION OF GOLD AND SILVER IN THE APPALACHIAN STATES SINCE 1880.

| Year. | Maryland. | Virginia. | North Carolina | South Carolina. | Georgia. | Alabama. | Tennessee. | Total. |
|---|---|---|---|---|---|---|---|---|
| 1880 | $2,250 | $11,500 | $95,000 | $15,000 | $120,000 | $1,000 | $1,500 | $244,250 |
| 1881 | 500 | 10,000 | 115,000 | 40,000 | 125,000 | 1,000 | 1,750 | 293,250 |
| 1882 | 1,000 | 15,000 | 215,000 | 25,000 | 250,000 | 3,500 | 250 | 509,750 |
| 1883 | 500 | 7,000 | 170,000 | 57,000 | 200,000 | 6,000 | 750 | 441,250 |
| 1884 | 500 | 2,500 | 160,500 | 57,500 | 137,000 | 5,000 | 300 | 363,300 |
| 1885 | 2,000 | 3,500 | 155,000 | 43,000 | 136,000 | 6,000 | 300 | 345,800 |
| 1886 | 1,000 | 4,000 | 178,000 | 38,000 | 153,500 | 4,000 | 500 | 379,000 |
| 1887 | 500 | 14,600 | 230,000 | 50,500 | 110,500 | 2,500 | 500 | 409,100 |
| 1888 | 3,500 | 7,500 | 139,500 | 39,200 | 104,500 | 5,600 | 1,100 | 300,900 |
| 1889 | 3,500 | 4,113 | 150,174 | 47,085 | 108,069 | 2,639 | 750 | 316,330 |
| 1890 | 16,962 | 6,496 | 126,397 | 100,294 | 101,318 | 2,170 | 1,001 | 354,638 |
| 1891 | 11,264 | 6,699 | 101,477 | 130,149 | 80,623 | 2,245 | 519 | 332,975 |
| 1892 | 1,000 | 5,002 | 90,196 | 123,881 | 95,251 | 2,419 | 1,006 | 318,755 |
| Total | 42,476 | 97,910 | 1,926,244 | 766,609 | 1,721,760 | 44,073 | 10,226 | 4,611,298 |
| 1893 | 114 | 6,190 | 70,505 | 127,991 | 100,375 | 6,362 | 251 | 311,788 |
| Total | 42,590 | 104,100 | 1,996,749 | 894,600 | 1,822,135 | 50,435 | 10,477 | 4,923,086 |

## OTHER STATES.

Of the production assigned in the first table to "other States," the greater part of the silver comes from the western counties of Texas, adjoining the Rio Grande River, where the mountain ranges of Mexico, composed largely of Paleozoic limestones, extend across the international boundary. But little is authentically known of the geological relations of these deposits. Some are said to be free milling—that is, comparatively free from the base metals; others to be associated with copper, and bought by copper-silver smelters. Their development has increased rapidly of late years, but will probably be set back by the fall in the price of silver.

The balance of the "other State" production comes from Michigan, which for a long time has produced a small amount of silver, and lately has added a nearly equal value of gold to its product. Even less is known of the geological relations of the deposit from which the metals have been obtained in this State. In a general way it is assumed that they occur in the same series of rocks as do the great iron bodies which constitute its principal mineral wealth, and it is fair to assume that if more attention were given to the exploration for precious metals in this region the product of the State might assume considerable importance.

# PART II.

## PRODUCTION OF GOLD AND SILVER IN FOREIGN COUNTRIES.

# PRODUCTION OF GOLD AND SILVER IN FOREIGN COUNTRIES.

## *AFRICA.*

Previous to the year 1892, there were no official mining statistics of the South African Republic, and even for that year they are by no means complete, as a great many mining companies are only gradually, reluctantly, and under compulsion, yielding to the requirements of the law to furnish the data of production.

This Bureau has been hitherto compelled to obtain its data of the gold product of South Africa from the most reliable sources available. Only once has it been able to publish figures furnished by a United States representative, when Mr. George F. Hollis, United States consul at Cape Town, supplied it with those of the Transvaal gold production for 1889.

In the future efforts will be made to have the United States consular agent at Johannesburg send the Bureau an annual report of the production of the precious metals in the South African Republic, based on data obtained directly from the Transvaal Government. A beginning has already been made in this direction.

Late in 1893 the Secretary of the Treasury requested the Secretary of State to instruct the United States consular agent at Johannesburg to prepare such a report, and the following communication has been received in compliance with such instructions:

UNITED STATES CONSULAR AGENCY,
*Johannesburg, January 14, 1894.*

SIR: As requested, I herewith inclose statistics of the gold output of the Witwatersrandt gold field of the Transvaal.

As soon as the other gold fields of the Transvaal report their production to the Transvaal Government I will immediately send you full statistics. Their reports should be in by March 1, 1894.

Your most obedient servant,

WM. W. VAN NESS, JR.,
*United States Consular Agent.*

The SECRETARY OF THE TREASURY,
*Washington, D. C.*

TABLE SHOWING THE PRODUCTION OF GOLD IN THE WITWATERSRANDT DISTRICT FROM 1887 TO 1893, INCLUSIVE.

| Months. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|---|
| | *Ozs. dwts.* | *Ozs. dwts.* | *Ozs. dwts.* | *Ozs. dwts.* | *Ozs. dwts.* | *Ozs. dwts.* | *Ozs. dwts.* |
| January | | | | | | 84, 560 8 | 108, 374 17 |
| February | | | | | | 86, 649 8 | 93, 252 0 |
| March | | | | | | 93, 244 11 | 111, 474 2 |
| April | | | | | | 95, 562 6 | 112, 053 2 |
| May | | | | | | 99, 436 3 | 116, 911 15 |
| June | | | | | | 103, 252 3 | 122, 907 8 |
| July | | | | | | 101, 279 1 | 126, 169 4 |
| August | | | | | | 102, 322 3 | 136, 069 0 |
| September | | | | | | 107, 851 13 | 129, 585 8 |
| October | | | | | | 112, 167 8 | 136, 682 13 |
| November | | | | | | 106, 794 15 | 138, 640 2 |
| December | | | | | | 117, 748 17 | 146, 600 0 |
| Total | 23, 125 8 | 208, 121 14 | 369, 557 5 | 494, 817 0 | 729, 268 6 | 1, 210, 868 16 | 1, 478, 719 11 |

NOTE.—There was no monthly record kept of the output from 1887 to 1892. It is estimated that 42,000 ounces were produced in 1887-'88-'89, of which no record was kept.

For former years this Bureau relied mainly on the figures published in the London Mining World and other periodicals for the production of the Randt. That these were correct appears from a comparison of the above figures with the following, taken from the Mining World of January 13, 1894:

SOUTH AFRICA.

TABLE SHOWING THE PRODUCTION OF GOLD IN THE WITWATERSRANDT DISTRICT DURING THE PAST FIVE YEARS.

| Months. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|
| | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* |
| January | 24, 986 | 35, 030 | 53, 205 | 84, 560 | 108, 374 |
| February | 25, 830 | 36, 886 | 50, 079 | 86, 649 | 93, 252 |
| March | 28, 075 | 37, 680 | 52, 949 | 93, 244 | 111, 474 |
| April | 27, 131 | 38, 799 | 56, 372 | 95, 562 | 112, 053 |
| May | 38, 298 | 38, 884 | 54, 673 | 99, 436 | 116, 911 |
| June | 31, 272 | 37, 412 | 55, 864 | 103, 252 | 122, 907 |
| July | 32, 407 | 39, 452 | 54, 924 | 101, 280 | 126, 169 |
| August | 32, 142 | 42, 861 | 59, 070 | 102, 322 | 136, 069 |
| September | 34, 369 | 45, 467 | 65, 602 | 107, 852 | 129, 585 |
| October | 31, 914 | 45, 252 | 72, 793 | 112, 167 | 136, 683 |
| November | 36, 116 | 46, 795 | 73, 394 | 106, 795 | 138, 640 |
| December | 39, 218 | 50, 352 | 80, 313 | 117, 749 | 146, 357 |
| Total | 381, 758 | 494, 869 | 729, 238 | 1, 210, 868 | 1, 478, 473 |

The Bureau has obtained the total gold product of South Africa in 1893, partly from official and partly from non-official sources. It amounted to 1,615,000 crude ounces, and was divided among the producing districts as follows:

| Districts. | Ounces. |
|---|---|
| Witwatersrandt | 1,478,719 |
| De Kaap | 70,385 |
| Lydenburg | 30,352 |
| Rest of South Africa | 35,544 |
| Total | 1,615,000 |

The average fineness of this gold, Sir C. W. Fremantle, deputy master of the royal mint, London, has informed the Bureau, is .847½, which makes its value $17.5194 per ounce. The gold product of South Africa in 1893 had, therefore, a value of $28,293,831, representing 42,573 kilograms fine.

Respecting the production of gold in the Witwatersrandt, the Handels-Archiv, published by the Department of the Interior of the German Empire, has this to say:

It is the unanimous opinion of all mining experts that the gold wealth of the mines of the Witwatersrandt is certainly assured for some decades at least. They have been led to this conviction by thorough investigation and by the evidence afforded by the practical development of the mines themselves. It has been demonstrated that the gold contents of the strata increase with the depth. The difficulty which at first lay in the fact that the pyrites occurring at a certain depth could not be treated, because it was not possible to hold their gold contents on the amalgamation plates, has been technically and practically solved by the successful application to them of the chlorination process. It has also become possible, by the introduction of the cyanide process, to obtain almost the last traces of the gold in the tailings which have hitherto been considered worthless. It is to the introduction and successful employment of these two processes that the great importance of the year 1892, in the exploitation of the gold fields of the Transvaal, is due. * * *

Previous to the year 1892 there were no official mining statistics compiled, and even for that year these statistics are by no means complete. * * *

The following data are, therefore, taken from the figures and information contained in the annual report for 1892 of the Johannesburg Chamber of Mines:

The total production of the Transvaal in the year 1892 amounted, according to this authority, to 1,325,394 ounces, and was distributed among the different gold districts, as follows:

| | Ounces. | | Ounces. |
|---|---|---|---|
| Witwatersrandt | 1,210,869 | Marabastad | 1,113 |
| De Kaap | 63,125 | Houtboschberg | 373 |
| Lydenburg | 24,092 | Brijheid | 81 |
| Klein Letaba | 14,694 | Selati | 18 |
| Klerksdorp, Potscheftstroom | 8,968 | | |
| Malmani | 2,061 | Total | 1,325,394 |

In 1890 the gold product in the most important mining district, the Witwatersrandt, amounted to 494,817 ounces; in the year 1891 it reached 729,268 ounces, and in 1892 1,210,869 ounces. The increase in the year 1891 compared with the previous

year amounted to 234,451 ounces, or 47½ per cent, and in the year 1892, compared with 1891, to 481,601 ounces, or 66 per cent. All but 71 ounces of this latter increase is traced in the report of the Johannesburg Chamber of Mines to the following sources:

| | | Ounces. |
|---|---|---|
| Increase of the output of producing mines in the year 1891 | | 261,083 |
| New producers | 66,774 | |
| Less the producers of the year 1891, which ceased to produce | 15,237 | |
| | | 51,537 |
| Increase of the production from tailings and concentrates (pyrites) | | 168,911 |
| Total | | 481,530 |

The above statement shows what an important part is played in the production of gold by the treatment of tailings and concentrates. It seems all the more surprising when it is considered that from this treatment only 42,954 ounces were obtained in 1891, while in 1892 the quantity derived from tailings was 211,866 ounces.

### SILVER.

There were no trustworthy statistics of the output of silver mines in the Transvaal. These mines are still in the first stages of development, and have to contend against the difficulty that the smelting of the ores in the country itself is relatively very costly. (Handels-Archiv, October, 1893, pp. 439, 440.)

## GOLD PRODUCTION OF AFRICA IN 1892.

As stated in the Handels-Archiv, the total production of gold in the Transvaal in 1892 was 1,325,394 ounces, which, at $17.5194 per ounce, gives a total value of $23,220,108, representing 34,938 kilograms fine, at which corrected figures it appears as a part of the total production of Africa in our table of the world's production in this report.

## GOLD PRODUCTION OF AFRICA SINCE 1889.

In an able essay in many respects, but one with an evident tendency, entitled, *Ist eine Abnahme der Gold Production Zu befürchten?* (Is a Decrease of the Production of Gold to be Feared?) written by Mr. George Heim, and published in Berlin, in 1893, the author says: "Africa's share in the production of gold in 1889 was, according to the Report of the Director of the United States Mint, 12,920 kilograms, while it really amounted to 14,360 kilograms, a difference of 1,440 kilograms.

Between the data of the director of the mint for South Africa and my own, there are still greater differences for the year 1890, 1891, and 1892. For 1890, the former gives 14,877 kilograms; for 1891, 21,366 kilograms; and for 1892, 35,048 kilograms. According to my calculations, Africa's gold product in 1890 was 18,762 kilograms; for 1891, 26,656; and for 1892, 43,369 kilograms. The differences for the years named were, therefore, as follows:

| | Kilo. |
|---|---|
| 1889 | 1,440 |
| 1890 | 3,885 |
| 1891 | 5,290 |
| 1892 | 8,321 |

And these latter amounts were left out of consideration by the Director of the United States Mint, in his total of the world's production for those years. * * * The Director of the Mint takes the data of production of the Witwatersrandt for 1889, as published in his Report for 1890, from the *Banker's Magazine.*" (Heim, p. 7.)

As already remarked above, this Bureau quotes the report of Mr. George F. Hollis, United States consul at Cape Town, as its authority for the Transvaal production in 1889 (*see* Production of Gold and Silver in the United States, 1890, p. 91).

According to the figures given above, by Mr. George Heim, there was a total underestimate by this Bureau of the gold product of Africa in the years 1889–1892 of 18,936 kilograms, that being the difference between his figures and those of the Bureau cited by him for the period in question.

When, however, it is remembered that the figures used by Mr. Heim represent not *fine gold*, as those of the Bureau do, the cause of the difference between his data and those published by this Bureau becomes apparent.

The value per ounce of the Transvaal gold previous to the present year was estimated in these reports at £3 10*s.*, or $17. This corresponds to a fineness of .823. Making allowance for this fact, the figures of this Bureau, as quoted by Mr. Heim, and Mr. Heim's own would be as follows for the years named:

| Year. | Figures of the Bureau as cited by Mr. Heim.* | Mr. Heim's figures reduced. | | |
|---|---|---|---|---|
| | *Kilos.* | *Kilos.* | *Fineness.* | *Kilos.* |
| 1889 | 12,920 | 14,360 | ×.823= | 11,818 |
| 1890 | 14,877 | 18,762 | ×.823= | 15,441 |
| 1891 | 21,366 | 26,656 | ×.823= | 21,937 |
| 1892 | 35,048 | 43,369 | ×.823= | 35,692 |
| Total | 84,211 | 103,147 | | 84,888 |

* The Bureau has since modified some of these data.

Thus the difference in *pure* gold (Transvaal gold being valued at $17 per ounce) between the figures of this Bureau and those of Mr. Heim is only 677 kilograms, constituting, if Mr. Heim's figures are correct, an underestimate by this Bureau of only that number of kilograms instead of one of nearly 19,000 kilograms, as alleged by Mr. Heim.

In explanation of this difference it is, however, to be remarked that Mr. Heim makes an estimate for unreported gold produced in South Africa of 7,000 ounces in 1889; 7,500 in 1890; 7,500 in 1891, and 10,000 ounces in 1892; a total of 32,000 ounces of crude gold as was then supposed .823 fine, or 26,336 ounces (819 kilograms) of pure gold. Considering that this Bureau makes no allowance for unreported gold in South Africa,

there must have been an overestimate by this Bureau, on the hypothesis of the correctness of Mr. Heim's figures, of 142 kilograms. It thus appears that there was a substantial agreement between the figures of this Bureau relating to South Africa and those of Mr. Heim.

Respecting the value and fineness of Transvaal gold, Mr. Heim says:

> In statistical calculations the value of an ounce of Transvaal gold is taken at 70*s*. Our own data are based on that valuation.
>
> This is the lowest rate at which Transvaal gold, which has an average fineness of .880 and a value of 75*s*. 6*d*. per ounce, is sold.
>
> But in the valuation at 70 shillings, deduction has been made in advance of all the costs connected with the exportation of the gold to Europe—freight, insurance, etc. The South African valuation will be higher in 1893. The steamship companies have materially reduced the rates of freight, and the Transvaal has erected a mint of its own, and has been stamping, since the beginning of 1893, gold coins of the same fineness as the English. As soon as the negotiations with the English colonies and the Orange Free State result in the monetary convention desired by the Transvaal, the importation of coined gold into South Africa will gradually cease and the coarse gold bring a higher price. (Heim, p. 46.)

The value assigned to South African gold varies very much. It is put in some publications at $17.03, in others at $18, and in still others as high as $19 per ounce. As already stated, the value assigned by this Bureau, in past reports on the production of gold in South Africa, was $17 per ounce. It was not without misgivings that this value was used in the computations of this Bureau. To settle the matter the Director of the Mint, believing that a large amount of the gold from the mines of the South African Republic went to the Royal Mint at London to be assayed and coined, addressed the following cablegram to Sir C. W. Fremantle, deputy master of that institution: "Please cable average fineness of South African gold." Mr. Fremantle answered, with his usual promptness and courtesy, "847 decimal five." This corresponds to a value of $17.5194, or £3 12*s*., and in this report the production of gold from the mines of the Transvaal for the years 1889–1893 has been calculated in accordance with this fineness and value. The weights published by the Johannesburg Chamber of Mines and by the Transvaal Government do not represent absolutely pure metal, for the bars when the miners sell them still contain a certain quantity of foreign matter. Before being delivered to the mints or manufacturers of jewelry, etc., they have to be refined, and, hence, are sold at only 70 shillings per ounce. Their real value, however, is £3 12*s*., and their real fineness not 0.823, but 0.8475.

The figures of the gold product of Africa for 1889, 1890, and 1891 require, therefore, some modification, and in making the same this Bureau, considering the data collected by Mr. Heim, so far as they relate to the weight of the unrefined gold, correct, adopts them. Those for 1889 do not differ greatly from those furnished by our consul at Cape Town. Mr. Heim's figures, which we accept, except his estimates

of 7,000, 7,500, 7,500 and 10,000 ounces for the "rest of Africa" in 1889, 1890, 1891, and 1892, respectively, are as follows:

1889.

| Districts: | Ounces. |
|---|---|
| Witwatersrandt | 369,557 |
| De Kaap | 31,000 |
| Lydenburg | 8,000 |
| Rest of the Transvaal | 36,000 |
| Total | 444,557 |

Valued at $7,788,372, representing 11,719 kilograms fine.

1890.

| Districts: | Ounces. |
|---|---|
| Witwatersrandt | 494,817 |
| De Kaap and Swazieland | 48,000 |
| Lydenburg | 17,000 |
| Zoutpansberg | 4,000 |
| Rest of the Transvaal | 32,000 |
| Total | 595,817 |

Representing a value of $10,438,356, and a fine weight of 15,706 kilograms of pure gold.

1891.

| Districts: | Ounces. |
|---|---|
| Witwatersrandt | 729,268 |
| De Kaap and Swazieland | 66,598 |
| Lydenburg | 21,200 |
| Zoutpansberg | 4,600 |
| Rest of the Transvaal | 28,000 |
| Total | 849,666 |

Representing a value of $14,885,639, and a weight of fine gold of 22,398 kilograms.

The gold production of South Africa for 1889 to 1893 would therefore, stand as follows:

| Years. | Weight. | Value. |
|---|---|---|
| | *Kilos.* | |
| 1889 | 11,719 | $7,788,372 |
| 1890 | 15,706 | 10,438,356 |
| 1891 | 22,398 | 14,885,639 |
| 1892 | 34,938 | 23,220,108 |
| 1893 | 42,573 | 28,293,831 |
| Total | 127,334 | 84,626,306 |

Although it has been necessary to criticise some of Mr. Heim's data, his essay bears evidence that he has familiarized himself with the entire range of literature on South African gold production, and the following extract from it finds an appropriate place in a report on the production of the precious metals:

### THE WITWATERSRANDT MINES.

Geologists and other authorities on gold mining admit that the occurrence of gold under the geological conditions in which it is found in the Witwatersrandt and other mining districts of the Transvaal, has hitherto been considered impossible. George S. Nathan, the geologist, says that he would have expected to find gold in the fens of Scotland rather than on the Randt.

In an article by Dr. Adolf Goertz, we read:

"The gold wealth of the Witwatersrandt is contained in conglomerate strata of an old geologic period, which it was heretofore supposed could not possibly be auriferous."

The American mining engineer, Hamilton Smith, says that the miner was as unaccustomed to the occurrence of gold in such sedimentary strata as in the Mount Morgan mine; and Percy Tarbutt, that the formation of the gold fields of the Randt is such that none hitherto known can be compared with them; that the ordinary quartz reefs found in other parts of the world are only fissures in the earth filled with auriferous quartz, while in the Randt the miner has to do with sedimentary deposits.

Knochenhauer and Bates Dorsey express themselves in precisely the same way.

Basing his views on the facts of his own experience, and on a paper by Dr. A. Schenck, published in Petermann's Mittheilungen, for 1888, on the geological development of South Africa, Knochenhauer says of the modes of occurrence of gold in the Transvaal:

"Gold occurs in quartz lodes and layers as well as in the form of alluvial gold, although the latter is of small importance and calls for technic methods of obtaining it scarcely anywhere except in the Lydenburg district. The mode of occurrence in the De Kaap gold fields is materially different from that in the Witwatersrandt, Klerksdorp, and Potscheftstroom districts.

In the De Kaap District, situated in the eastern part of the Transvaal, bordering on Swazieland, are found stratified seams, frequently of great thickness, the gangue of which consists of more or less serpentinized quartz in which gold is found sprinkled, partly free and partly in combination with white iron pyrites, the stratified seams being in the oldest African sedimentary rocks, the underlying wall of which is of granite.

On the Witwatersrandt, the southern of the two western projections of the table-land of the interior of the Transvaal, there is a remarkable occurrence, noteworthy both on account of its peculiar character and its richness. The geological formation of this table-land consists of layers of sandstone between which beds of masses of metaphoric rock are inclosed. These are conglomerate strata, the component parts of which are pieces of quartz from the size of the head of a pin up to that of a hen's egg, held together by a clayey cement, which, especially at the outcrop of the beds, is colored brown and red by decomposed white iron pyrites. The pieces of quartz are frequently sharp-edged and the masses of rock brecciaform. Gold of microscopic fineness is found sprinkled through the quartz and the cement, partly in the free state and partly in combination with white iron pyrites.

The two modes of occurrence, in lodes and beds, are generally not distinguished, and all such deposits are called "reef," a term which had its origin in the gold fields of Australia.

The occurrence of gold in the two districts of Klerksdorp and Potscheftstroom, situated farther to the south, is similar to that on the Witwatersrandt, while the production of gold in the Lydenburg district is of a very different nature.

The gold zone of South Africa is very extensive. Its boundary on the north and northwest can not yet be definitely drawn. To the north of the Transvaal, on the other side of Limpopo, the existence of extensive gold fields, of the size of the Transvaal, has been demonstrated within the last three years. The Transvaal gold zone lying between the Limpopo and the Vaal may be divided into five groups. The

southern group, running almost parallel with the Vaal River, stretches from the eastern to the western boundary of the Transvaal; to this group belong the gold fields of Heidelberg, of the Witwatersrandt, Potscheftsroom, and Klerksdorp, which have the same gold occurrence—the conglomerate. On the western boundary is the weakest group, the gold fields of Malmani, and on the west the gold fields of De Kaap, covering a large surface, with Swazieland, which belongs to the same; the districts of Zoutpansberg and Murchison Range are situated in the north, and in the interior of the country the gold fields of Marabastad and Lydenburg.

Of these five groups the first is, at present, the most important. More than six-sevenths of the total gold output of South Africa in 1892 was produced by the Witwatersrandt. The Witwatersrandt is a range which constitutes the watershed between the Atlantic and Indian oceans. Johannisburg, the principal town in the mining region, is 5,600 feet, and the Vaal River 4,300 feet above the level of the sea.

The range is in the form of a flat bow, arched toward the south, and about 80 kilometers (52.49 miles) in length. The conglomerate layers lie almost always in the same direction. Of the numerous beds, three, called North Reef, Main Reef, and South Reef, are nearly parallel, and sink toward the south into the earth. These Reefs yield the principal part of the present output of the Randt. On this so-called Main Reef series the uniformity of the formation is greatest, and there, in a total length of 18 kilometers, or about 11.8 miles, the 36 first Randt mining companies carry on their operations.

Hamilton Smith devoted several months to the study and investigation of this mining district, which has thus far been more thoroughly worked than any other. In the report referred to above, he estimates the average length of the incline which had been worked up to August 1, 1892, at about 160 feet. The beds dip toward the south at an angle of about 35 degrees. Hamilton Smith says that a gold field of such continuous length was never known before.

Distinguished theorists and practical men early expressed a favorable opinion of the permanency of the auriferous conglomerate layers, and the borings already made to a considerable depth confirm their conclusions. B. Knochenhauer, who had personally examined the country, says:

"The opinions of all competent judges, especially of those who are acquainted from their own observations with the gold fields of California and Australia, that the occurrence of gold in the Transvaal is so extensive, and in places so extremely rich, that the production of the metal is ridiculously disproportionate thereto. The wealth of the South African gold fields is assured for an indefinite period."

E. Bates Dorsey, an experienced mining engineer of great reputation, who had been actively engaged for a long time in the Comstock and in South American mines, after he had sojourned for a considerable time in the Randt region, was asked for an opinion on these mines, and published one in a London periodical, South Africa, August 3, 1889.

In it he cites the opinion of the well-known geologist, C. Algernon Moering, which agrees with his own, and says:

"All geological rules and all actual developments made by the working on the Witwatersrandt prove that the present thickness of the veins and the present yield of gold will continue to a great depth. As yet there is not a single unfavorable indication or anything developed to justify a different opinion. In my judgment, the mines in the depth will average as valuable as those on the surface of the same veins, except for the additional cost of working them, which should not exceed five shillings a ton and will probably be much less. In all my mining experience I have never seen such an extensive gold field as is now developed in the Witwatersrandt."

Dorsey estimates the extent of the auriferous beds at about 105 miles.

Another American mining engineer, who lived a long time in the Randt district, declares that he had never before known a gold bed so uniform and so easily worked. "There is," he says, "a gold field in the Transvaal which centuries will not see exhausted." Tarbutt says that everywhere else the greatest extent of the quartz

reef is at most 1 to 2 miles, and then frequently interrupted by faults; that, as a rule, the run of the auriferous reefs never exceeds a few hundred feet.

In the Witwatersrandt, on the other hand, we find a gold region of an extent of certainly 40 miles, through which several reefs run without any flooking. These reefs are entirely uniform both as to thickness and contents of gold. As to their depth, continues Tarbutt, I will only say that when such a sandstone bed stretches on the surface over 40 miles, it can not be assumed that it does not go deeper than from 500 to 600 feet, to which it has now been shown to extend. He believes that, as a geologist, he may state that the reefs go much deeper, deeper than the present condition of our technique and working apparatus allow us to follow them.

Hamilton Smith devoted several months to the study of the so-called Main Reef exclusively, and after treating exhaustively of the formation, answers the question, Will the Main Reef beds continue at greater depths? His answer is as follows: The borings with the diamond drill have demonstrated the same uniformity to depths of 700–1,000 feet. The further course of the layers of the tract of about 12 miles examined by me showed remarkable uniformity and equality in the surface stratification.

On this small tract he calculates a paying length of 50,000 feet, an average thickness of 5 feet, and in the dip a depth of 5,200 feet. This gives altogether 100,000,000 tons of ore, of which 3,000,000 have been already raised. The remaining 97,000,000, with an average content of 12½ pennyweight per ton, would yield 60,000,000 ounces, worth £250,000,000. Such a calculation, Smith adds, would be an absurdity in any other mining region, but the uniformity of auriferous conglomerate strata of the Randt district warrants such an estimate, which is too low rather than too high. Considering the energy with which these beds are now worked, Smith thinks that in from three to four years the output of the mines and extraction works will be over £10,000,000. With such an output the store of workable ore would last more than thirty years, and the annual gold product of the world rise in 1897 to £30,000,000.

Even if one or other of the factors in this calculation be too high, it can not be claimed that the final result is wrong on that account. Other mines which do not lie on the tract selected by Smith for his estimate, as for instance, Durban Roodepoort, Nigel, and the whole Roodepoort group, which yield the most valuable gold in the whole Randt region, with a fineness from .915 to .920, are among the richest and share in the total production to the extent of two-fifths.

Then there is another factor to be considered, which more than compensates for any overestimate in Smith's calculation; there are other large gold-mining fields which it would not now pay to work, but which have a near future.

The boldest coefficient in Smith's calculation is the depth of the strata. Arbutt, Dorsey, and other geologists had, on geologic grounds, asserted the continuance of auriferous beds to the greatest depth accessible to human labor; but then these experts had no facts to adduce in support of their thesis. Although the mining industry of the Transvaal is only a few years old, a great many practical experiments serve as proofs to the conclusions of theory. While the majority of the now productive companies have their wealth in the outcrop of the reefs, and have sunk their shafts to an average depth of not more than 180–240 feet, a small number of companies whose claims are at some distance from the outcrop and, therefore, strike the reef farther down, have shafts of considerable depth. The acquisition of the so-called Deep Level claims has been very rapid recently. For nine claims south of the mines of the Spes Bona Company, a Johannesburg company paid £31,000. The large increase in price of the deep-mining lands, for which, for years, not even a petition for a claim was made, is due to the results attained by the Deep Level mines and by the many borings that had been made. A great many deep mining companies were formed in the last months of the year 1892, and new ones are coming into existence daily; most of the outcrop companies have taken up the back lands. The boring experiments have been followed by the sinking of numerous shafts to considerable depth. The Consolidated Deep Level Company has made a bore-hole at about 800 feet from the outcrop and struck the reef at an angle of slope of about

25 degrees at a depth of 419 feet; in another bore-hole about 1,500 feet from the outcrop the reef has recently been struck at a depth of about 800 feet. The May Deep Level has several shafts with perpendicular depths of 700 to 800 feet which have struck reefs at those depths. In another shaft a reef at the depth of 500 feet has been met with and 566 tons of quartz obtained therefrom, yielded 1 ounce 5 pennyweights and 7 grains per ton. The Henry Nourse Deep Level Company, at a depth of 608 feet, struck the main reef, whose quartz, on analysis, yielded 6 ounces of gold per ton. The Village Main Reef found the North Reef at a depth of 518 feet and obtained from six different specimens 9 to 27 ounces to the ton. Another shaft struck the reef at a depth of 840 feet. The Consolidated Gold Fields of the South Africa Company has made several bore-holes at 1,200 to 1,500 feet from the outcrop.

A bore-hole sunk 1,100 feet south of the outcrop crossed the auriferous strata at a depth of 870 and not of 1,200 feet, as was expected. The reefs, according to this, become more horizontal with increasing depth—an experience had so far with nearly all borings, and which means a great increase of the workable quartz. While Smith assumes an average dip of 30 degrees, no deep boring has yet shown one of more than 25 degrees and the Deep Level Company has found one of only 15 degrees. Other bore-holes have struck the reefs at a depth of about 1,000 feet. Trial crushings gave the following results:

A reef 5 feet thick yielded in the upper 6 inches, 1 ounce 5 pennyweight; the other 4½ feet, a lower tenor. Another reef, 1 foot 6 inches thick, 10 ounces per ton; a third, 10 feet thick, 3 to 4 pennyweight per ton.

Smith found the same beds in shafts 1,000 feet deep. A company is now making bore-holes at a distance of 2,000 to 3,000 feet from the outcrop, which are expected to strike the reef at a depth of 1,300–1,400 feet. We may now say that the thesis of the scientists and practical men mentioned above have been confirmed by facts.

Sir Henry Loch, governor of Cape Colony, prophesies a great development of the gold-mining industry of South Africa, and a doubling of its production, by the end of 1895.

Although I do not desire to contradict this opinion of the governor of Cape Colony, and firmly believe that it will be fulfilled, I shall disregard all such more or less baseless estimates, and confine myself to saying that the production of gold in South Africa during the next ten years will be a continually increasing one, and that at the end of that time it will not have reached its highest point. I base this conclusion on the following considerations:

(1) The existing mines show an increasing productiveness whose maximum has not yet been reached.

(2) Numerous mines which, until recently, could not be worked at a profit, will greatly increase the production of gold.

(3) Extensive mining districts hitherto unknown or neglected, on account of the absence of roads, will be developed within a few years.

The progress of the Randt mining industry is due, in the first place, to the construction of railways. The results have been very perceptible in the Randt itself. Better means of communication have made possible a better supervision of the industry by those interested in it. Not until recently have the mining companies been able to employ the best mining and metallurgical power and appliances. They have not only recognized that the carrying on of operations on a small scale increases expenditure but have acted on that recognition. The work of opening up is now made on a large scale. According to the Johannesburg Chamber of Commerce, there are now employed 5,000 white and 35,000 black laborers, nearly double the number in 1890. The number of stamps increased about 600 in 1893. It is estimated that at the end of 1894, the number of stamps will be 4,000. While in 1890 some mining companies were working with 5 stamps, a great many with 10, and only one with 70; 1893, there were none with fewer than 20. Two worked 180 and 190 respectively, four with 100, and the majority with more than 35.

Quartz containing 7 pennyweight to the ton can now be profitably worked. Some companies are at present operating at an aggregate cost of 30 shillings per ton, and others at only 17 shillings.

A great many companies are already profiting greatly by the improvement in the processes of extraction. The majority of the companies have not yet made arrangements for the dressing of tailings.

The average cost of production per ton, which in 1889 was 60 shillings, fell after the opening of the Cape Town (Port Elizabeth), Blömfontein-Johannesburg Railway, to 22½ shillings in 1892. Companies are now producing which in 1890 and 1891 could not operate at a profit and were compelled to suspend. Several companies are now producing at an average cost of from 13 to 17 shillings.

In the Witwatersrandt the tracts of conglomerate strata still lying fallow, stand to those already opened by mining, as 7 to 1, and strata poor in gold, i. e., containnot more than 1½ pennyweights to the ton, are here left out of consideration. Even the Main Reef series lies for the most part fallow.

## WEST COAST OF AFRICA.

The figures given at the beginning of this article relate only to the gold product of the Transvaal, but may be taken to represent the output, not only of the South African Republic, but of the whole of Southern Africa, for the present yield of Natal and Cape Colony is insignificant, not amounting, probably, to 1,000 ounces of crude gold.

The gold yield of the west coast, however, is worthy of more attention, as will be seen from the following table of the gold thence exported to Great Britain in the years named.

TABLE SHOWING THE GOLD IMPORTED INTO ENGLAND FROM THE WEST COAST OF AFRICA DURING THE YEARS 1889–1893.

| Years. | Weight (standard ounces, 916⅔). | Weight (fine ounces). | Value. | Kilograms. |
|---|---|---|---|---|
| 1889 | 44,554 | 40,841.17 | $844,262 | 1,270 |
| 1890 | 37,242 | 34,138.50 | 705,705 | 1,062 |
| 1891 | 45,212 | 41,444.33 | 856,730 | 1,289 |
| 1892 | 53,402 | 48,951.83 | 1,011,924 | 1,523 |
| 1893* | 53,402 | 48,951.83 | 1,011,924 | 1,523 |

* Assumed to be the same as 1892.

Adding the production of the Transvaal to the production of the west coast of Africa thus obtained, gives the following:

TABLE SHOWING THE TOTAL PRODUCTION OF GOLD IN AFRICA FOR THE YEARS 1889 TO 1893.

| Years. | South Africa. | | West coast. | | Total. | |
|---|---|---|---|---|---|---|
| | Weight. | Value. | Weight. | Value. | Weight. | Value. |
| | *Kilos.* | | *Kilos.* | | *Kilos.* | |
| 1889 | 11,719 | $7,788,372 | 1,270 | $844,262 | 12,989 | $8,632,634 |
| 1890 | 15,706 | 10,438,356 | 1,062 | 705,705 | 16,768 | 11,144,061 |
| 1891 | 22,398 | 14,885,639 | 1,289 | 856,730 | 23,687 | 15,742,369 |
| 1892 | 34,938 | 23,220,108 | 1,523 | 1,011,924 | 36,461 | 24,232,032 |
| 1893 | 42,573 | 28,293,831 | 1,523 | 1,011,924 | 44,096 | 290,305,755 |

The gold exported to Great Britain from the west coast of Africa comes chiefly from Guinea and the Gold Coast. On the production of gold on the coast of Guinea, Roswag says:

The coast of Guinea has furnished gold dust from time immemorial. The coast called *des Comptoirs* (of the general factories), extending from Cape Palmas to Cape St. Paul, possesses general factories of various nations whose traffic is carried on in gold from the washings of the interior; the principal factories are: Assim, Grand Bassam, for France; Appolinia and Cape Coast Castle, Christianborg, sold by the Danes in 1850, for England; Axim and Elmira, for Holland.

The Asshantees and Frentees are the two principal tribes of nations. These mine gold, the annual yield of which is estimated at more than 3,000 kilograms (96,450 ounces) a year.

The coast of Benin, extending from Cape St. Paul to Cape Formosa, along the Gulf of Guinea, has the following European general factories: Little Popo, Great Popo, Widah, Porto Novo, Badogry, Lagos, Benin, Polma, and, in the interior, the state of Dahomey. All these states sell gold dust and elephants' teeth.

Old and New Calebar and Creek Town, are negro villages of the Gulf of Guinea, and carry on a very large gold traffic.

Freetown, the capital of Sierra Leone, also receives gold produced in Sego, capital of the Upper Niger. In 1847 400,000 to 500,000 francs' worth was exported to Gaba, the general factory of Senegambia; the precious metal is carried thither by the caravans of Fontadialon and other countries.

The French have undertaken exploitations at Kenieba. They are situated in the basin of Falema, 80 leagues from St. Louis, capital of Senegal. A part of the gold produced, which was about 60,000 francs in 1857, and now amounts to three times as much, comes from the interior, as far as Sego, Dindiko, Djenné, and Timbuctoo, the four capitals of western and southern Soudan; another part from Bakel, a French post in Upper Senegal; the rest comes from the coast from St. Louis to Sierre Leone. The Bambuck mines seem to be connected by the Kong Mountain, with an immense auriferous deposit, which for centuries has fed the trade in gold dust carried on by the blacks with the old Continent; the most important places are Bambura, Sangara, and Mandingo.

The ores of Senegal, according to the analyses of Lavol, are plantiniferous. The gold grains contain 5.85 of silver and 94.65 of gold; gold in dust, 15.3 silver and 84.5 gold. (Roswag, Metaux Precieux, 1889, Vol. I, pp. 431, 432.)

## GOLD DISCOVERY IN GERMAN AFRICA.

According to the *National Zeitung*, cited by the London Board of Trade Journal, the German ministry of foreign affairs at Berlin has received at the customs office at the mouth of the Schwakop, in the German colony in Southwest Africa, a report on the discovery of auriferous deposits. Samples have just been received at Berlin, but they have not yet been analyzed.

## *ARGENTINE REPUBLIC.*

No returns of the production of gold and silver in the Argentine Republic have been received for a number of years.

Some discoveries of gold were made in the Argentine part of Terra del Fuego in 1892. Respecting these, a correspondent of the Buenos

Ayres Standard, cited in the London Board of Trade Journal, Vol. II, 1893, p. 220, says:

According to information, obtained from the most recent visitors to Lennox and Navarino islands, there has been taken out up to the present date from 1,000 to 1,200 kilograms of gold.

There are on the islands about 700 miners, and the results they obtain appear to be far from brilliant or remunerative. The hardships are without number, work has to be carried on day and night, struggling against the water which fills the holes and against the inclemency of the climate; the most robust abandon the mines, in many cases without having obtained any reward for their labor.

The richest deposits have been found on Lennox Island, but they did not last long and are now exhausted.

The geological formation of Lennox Island is identical with the flat part of Terra del Fuego and of Eastern Patagonia and, just as in them, the gold is found in sedimentary strata and gravel, but in small quantity.

It appears that on the island in question the action of the sea has detached and accumulated in some parts of the beach quantities of the precious metal, and hence the great finds of those who were lucky enough to strike these deposits.

These pockets are exhausted, but many of the miners remain in the hope of finding others; some are washing sand, but with poor results, while others are working at the sedimentary strata, but with no better fortune. The greater number have gone to Navarino and Hoste islands, where they are now working.

The greater number of the miners are Austrians, young and robust fellows and inured to hard labor. In general the result obtained is one gram of gold a day per man. The method employed is very primitive; a wooden trough of 2 or 3 meters in length, covered with a piece of carpeting over which they run the dirt, the gold remaining in the hollows between the threads.

It may be safely asserted that the auriferous deposits in question are insufficient to remunerate the labor of the numerous miners already on the ground, who are not obtaining sufficient gold to pay their expenses, and the arrival of more people would only make matters worse.

## *AUSTRALASIA.*

The Hon. George Anderson, deputy master of the Royal Mint, Melbourne, has, with his usual courtesy, supplied the Bureau with the production of gold and silver in Australasia in 1892 and 1893. The following communication and date came too late for insertion in the production report for 1892:

MELBOURNE, *March 15, 1893.*

SIR: In reply to your letter, dated December 23 last, I have the honor to inclose a statement of the estimated production of gold and silver in Australia, Tasmania, and New Zealand during the year 1892.

This estimate, in respect to Queensland, is liable to future alteration.

I may add, with reference to your request that I should telegraph the particulars, that the consul-general of the United States called upon me in reference to this matter, having received instructions from the Secretary of State to telegraph the information, and it was, therefore, unnecessary for me to ask him to send another telegram as from the mint.

I have the honor to be, sir, your obedient servant,

GEORGE ANDERSON.

The DIRECTOR OF THE MINT,
*Washington.*

APPROXIMATE PRODUCTION OF GOLD AND SILVER IN AUSTRALIA, TASMANIA, AND NEW ZEALAND DURING THE YEAR 1892 (FROM RETURNS KINDLY FURNISHED BY THE GOVERNMENT OF EACH COLONY).

| Country. | Gold. | Silver. |
|---|---|---|
| | *Ounces.* | *Ounces.* |
| New South Wales | 156,870 | a350,661 |
| New Zealand | 237,392 | 22,053 |
| Queensland | 605,612 | 203,680 |
| South Australia | 88,974 | ..... |
| Tasmania | 43,278 | 177,445 |
| Victoria | 654,456 | 535,857 |
| West Australia | 59,548 | ..... |
| Total | 1,796,130 | 789,696 |

a In addition, silver lead and silver ore were raised, the quantities being 133,355 tons; value, £2,420,952.

b Extracted from gold at Melbourne mint.

The returns from Queensland are liable to future alteration.

Royal mint, Melbourne, March 14, 1893.

GEORGE ANDERSON,
*Deputy Master.*

The following relates to the production of Australasia in 1893:

MELBOURNE, *March 13, 1894.*

SIR: With reference to your letter, dated 3d January, and to my reply of 15th ultimo, I have the honor to inform you that I have now received the final returns of the estimated production of gold in Australasia during 1893, which are as follows:

| | Ounces. |
|---|---|
| Victoria | 671,126 |
| Queensland | 616,940 |
| New Zealand | 226,811 |
| New South Wales | 179,288 |
| Western Australia | 110,890 |
| Tasmania | 37,687 |
| South Australia | 33,820 |
| Total | 1,876,562 |

I regret that the silver returns are not yet complete, but I will forward them when I receive them.

I have the honor to be, sir, your obedient servant,

GEORGE ANDERSON.

The DIRECTOR OF THE MINT,
*Washington.*

This bullion contains on an average 95 per cent of pure gold, as has been established by assays made at the Melbourne mint. There is, besides, a loss in the melting of alluvial gold, for which a deduction of 2½ to 3 per cent must be made from the above amounts. Making the reductions indicated—a total of 8 per cent—the amount of pure gold obtained in Australasia in 1892 is found to be 1,652,440 ounces, or

51,398 kilograms, representing $34,158,966; and in 1893, of 1,726,437 ounces, or 53,698 kilograms, representing $35,688,620.

The production of silver in 1892 was valued at $17,375,700, representing 418,087 kilograms.

With regard to the production of silver in the Australasian colonies in 1893, Mr. Anderson subsequently favored this Bureau with the following information:

MELBOURNE, *April 10, 1894.*

SIR: Referring to my letter dated 9th ultimo, I have the honor to inform you that I have now received the final estimates of the silver produced in the Australasian colonies during 1893. They are as follows:

| | Ounces. |
|---|---|
| Victoria | 41,388 |
| New South Wales | 531,972 |
| Queensland | 339,267 |
| New Zealand | 63,076 |
| Total | 975,703 |

In addition to the above the following quantities of silver lead and silver ore are estimated to have been produced:

| | Weight. | Value. |
|---|---|---|
| New South Wales: | *Tons.* | |
| Silver lead | 58,401 | £2,016,651 |
| Silver ore | 155,859 | 936,933 |
| Tasmania | 15,710 | 188,530 |
| South Australia | 34 | £29 |

I have the honor to be, sir, your obedient servant,

GEORGE ANDERSON.

The DIRECTOR OF THE MINT,
*Washington.*

The total value of the silver lead and silver ore, i. e., £3,142,529, would, at the average price of standard silver in 1893, viz, 35.596 pence, represent 21,188,060 British standard ounces. Adding these to the other 975,703 ounces produced in the colonies, gives a total of 22,163,763 British standard, or 20,501,480 fine ounces, of the coining value of $26,506,970, representing 637,800 kilograms, at which figures the silver product of the Australasian colonies in 1893 appears in the table of the world's production in this report.

The following tables of the estimated production of gold and silver in Australia, Tasmania, and New Zealand since 1851 was compiled by the Hon. George Anderson, deputy master of the Melbourne mint, and is here quoted from the twenty-fourth annual report (1893) of the Hon. C. W. Fremantle, deputy master of the royal mint, London:

ESTIMATED PRODUCTION OF GOLD AND SILVER IN AUSTRALIA, TASMANIA, AND NEW ZEALAND FROM THE EARLIEST RECORDS OBTAINABLE TO THE YEAR 1893.

GOLD.

| Year. | New South Wales. | New Zealand. | Queensland. | South Australia. | Tasmania. | Victoria. | Western Australia. | Total. |
|---|---|---|---|---|---|---|---|---|
| | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* |
| 1851 to 1884 * | 9,596,642 | 10,552,279 | 4,529,280 | 154,628 | 378,413 | 53,023,985 | ..... | 78,235,227 |
| 1885 | 103,736 | 237,871 | 310,941 | 18,327 | 37,317 | 735,218 | ..... | 1,442,910 |
| 1886 | 101,416 | 226,668 | 340,996 | 21,115 | 31,014 | 666,396 | 3,000 | 1,389,607 |
| 1887 | 110,288 | 203,869 | 425,923 | 37,371 | 41,751 | 617,751 | ..... | 1,436,953 |
| 1888 | 87,503 | 201,219 | 481,643 | 16,763 | 39,610 | 625,026 | 50,000 | 1,501,764 |
| 1889 | 112,948 | 203,211 | 739,103 | 20,333 | 33,050 | 614,339 | 15,493 | 1,739,477 |
| 1890 | 127,460 | 193,193 | 610,587 | 24,331 | 20,510 | 588,560 | 34,209 | 1,599,350 |
| 1891 | 159,385 | 251,996 | 561,641 | 28,700 | 48,769 | 576,399 | 30,311 | 1,651,151 |
| 1892 | 156,870 | 237,392 | 605,612 | 38,974 | 43,278 | 654,456 | 59,548 | 1,796,130 |
| 1893 | 179,288 | 226,811 | 616,940 | 33,820 | 37,687 | 671,126 | 110,890 | 1,876,562 |
| Total .. | 10,729,486 | 12,564,009 | 9,222,668 | 395,362 | 711,399 | 58,772,756 | 303,451 | 92,699,131 |

* Detailed in return appended to Annual Report of Melbourne Mint for 1885. (*See* Annual Report of the Deputy Master of the Mint for 1885, pp. 77 and 78.)

SILVER.

| Year. | New South Wales.* | New Zealand. | Queensland. | South Australia. | Tasmania.* | Victoria.† | Western Australia.‡ | Total. |
|---|---|---|---|---|---|---|---|---|
| | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* | *Ounces.* |
| 1851 to 1884 .. | 935,384 | 447,923 | ..... | ..... | ..... | 280,991 | ..... | 1,664,298 |
| 1885 | 794,173 | 16,624 | ..... | ..... | ..... | 28,951 | ..... | 839,748 |
| 1886 | 1,015,432 | 12,108 | ..... | ..... | ..... | 26,422 | ..... | 1,053,962 |
| 1887 | 177,307 | 20,809 | ..... | ..... | ..... | 26,321 | ..... | 224,437 |
| 1888 | 375,063 | 403 | ..... | ..... | ..... | 27,331 | ..... | 402,797 |
| 1889 | 416,895 | 24,105 | ..... | ..... | 12,000 | 30,281 | ..... | 483,281 |
| 1890 | 496,552 | 32,627 | ..... | ..... | ..... | 25,966 | ..... | 555,145 |
| 1891 | 720,500 | 28,023 | ..... | 10,000 | 202,797 | 39,039 | ..... | 1,000,449 |
| 1892 | 350,661 | 22,058 | 203,680 | ..... | 177,445 | 35,857 | ..... | 789,696 |
| 1893 | 531,972 | 63,076 | (§) | ..... | ..... | 40,941 | ..... | 635,989 |
| Total .. | 5,823,080 | 667,751 | 203,680 | 10,000 | 392,242 | 553,100 | ..... | 7,649,803 |

*In addition silver lead and silver ore were raised, the quantities being for 1893: New South Wales, 214,260 tons; value, $2,953,589; Tasmania, 15,710 tons; value, $188,520.

† Extracted from gold at Melbourne mint.

‡ Nominal quantities only.

§ Return not ready.

As will be seen by comparing the gold product of the colonies in 1893 with that in 1892, as reported by Mr. Anderson, there was an increase in the former year over the latter of 80,432 unrefined ounces, more than 63 per cent of which came from the West Australian gold fields, which have attracted so much attention during the past year.

Regarding these fields the Annales des Mines for November, 1893, says:

While the eastern part of Australia has been producing for nearly half a century considerable quantities of gold, the auriferous wealth of West Australia is as yet only imperfectly known, by reason of the extent of the territory to be explored, the lack of water, etc. However, gold fields have been located at Yilgarn, Murchison,

Gascoigne, Ashburton, Pilbarra, and Kimberly, to the east of which lies an unexplored and desert region, which extends as far as South Australia.

The environs of Coolgardie, in the Yilgarn field, have attracted special attention during 1893. Coolgardie is reached from the city of York, which is connected both at Perth and Albany (King Georges Sound) by a railway. From York to Coolgardie the distance is about 280 miles, over very bad roads. The country is very sterile and bare; there are no woods, and a few depressions only hold the water obtained from rainstorms.

The geology of the region has been studied by Mr. Woodward, the Government geologist. According to him, between Southern Cross and Gnarlbine, with the exception of a narrow strip of metamorphic rock, only granite is to be met with. Granite is also found at Coolgardie. It was at this latter point that auriferous alluvions, with some quartzose veins, were discovered in 1892, the most remarkable of which, running northeast and a little over 7 feet in width, has furnished in a short time to a miner of the name of Bayley 4,500 ounces. The vein, which sometimes sharply cuts the inclosing rock, is soon lost both towards the north and the south. But little work has yet been done there, all the gold which has been extracted having been found in a little pocket in which it was associated with the oxide of iron produced by the decomposition of pyrites.

The history of these mines is as follows:

[From the London Mining World, March 3, 1894, p. 286.]

* * * * * * *

The first discovery of gold was made by Mr. H. E. Anstey at the end of 1887, about 12 miles north of the Golden Valley, and the next discovery was made at Golden Cross itself a few months later. Then in 1888 gold was found 40 miles south, near the Central mine in the Southern Cross district; and in the same year the Parker's Range deposit was found. The stone is rich, often containing as much as 6 ounces to the ton, and trial crushings have shown that a very large mass contains a remunerative proportion of gold. Rich alluvial deposits have likewise been found, and the only obstacle to success has been the scarcity of water. At Southern Cross there is a small town, with all the appurtenances of what may yet form a populous city. A line of railway is being constructed, and the road and coach service have of late been greatly improved. When the line is completed it will form the first section of a great transcontinental system. The Southern Cross reefs run more or less north and south, and the country is of slight elevation. Many claims are at present being worked, in most cases with satisfactory results. The Golden Valley district lies 35 miles to the north of Southern Cross, whilst Coolgardie is supposed to be within the proclaimed boundary of Yilgarn, but as it is 120 miles to the southeast of Southern Cross it may almost be considered as a separate gold field. In 1892 Mr. Bayley made a remarkable discovery, which he sold to a Melbourne syndicate for about £10,000, and in the six succeeding months they took therefrom 9,000 ounces, worth about £35,000, without the aid of machinery, and from a hole 45 feet long, 8 feet deep, and 4 feet wide. The alluvial gold taken from the neighborhood is supposed to have been from 30,000 to 40,000 ounces. At Bayley's Reward claim stone is being raised from 1 to 6 ounces to the pound. At one spot 600 ounces were taken within a very few hours.

Of the difficulties in the way of successful gold mining in western Australia the London Mining World of May 19, 1894, says:

They are formidable and can only be overcome by the outlay of capital and the exercise of a good deal of industry and patience. Perhaps the greatest difficulty of all is that arising from the alleged absence of water, without which, of course, our readers know that successful mining is absolutely impossible. The water nearest to the Coolgardie district is some 300 miles distant, and to bring this to the spot where

it is wanted will require an outlay of money as well as of time formidable to contemplate. Already there is barely sufficient for the purposes of man, beast, and agriculture; but, of course, when deep sinking is entered upon the mines themselves may be expected to yield some of the water, at all events, that is required, and in the meanwhile, should there be one or two good rainy seasons, these would give opportunities, which have not hither to existed,of creating reservoirs for its storage. The great drawback to western Australia, from all points of view, is undoubtedly the prolonged droughts to which it is exposed, and which can only be overcome by the skill of the engineer, and this, of course, means, as we have before said, the expenditure of both money and time. Of this drawback those who wish ill to mining in western Australia are not slow to take advantage, and efforts are being made to depress the market value of the shares for this reason. Whilst not denying that this drawback exists, we are far from affirming that it can not be overcome. The mining interests in western Australia are now so large that it would not be difficult to form a combination by which, artificially, that adequate water supply might be obtained for Coolgardie which has been denied to this district by nature. The difficulty, we repeat, is great, but it is not insurmountable if only it be faced with the energy and courage of the race.

Attention was first called to the Coolgardie gold field by a discovery made by two working miners named Bayley and Ford, the former being only 26 years of age and the latter 36. Bayley has described his finding of the reef in the following words:

"I first found a 45-ounce specimen on the present lease, not on the Reward claim. Ford used to be working ground whilst I prospected. We had not had time to do anything much on the reef when some fellows from the 'Cross' arrived. I just had it pegged out and a notice up containing the words 'Protection area.' The 45-ounce nugget was sticking out from the reef, which is 30 feet high. This is a big mountain of quartz and can be seen miles away. The bulk of loose pieces of gold found came off the Reward claim, but the reef on the 'Reward' was found later on. We got bags of nuggets off this claim, as much as we could carry away to our tent."

At present the monthly output is about 2,000 ounces, and it is said that 18,000 ounces were obtained from a picked sample of 1,400 tons.

Although only 7*s.* 6*d.* has been paid on each of the shares, the dividends already paid amount to £2 12*s.* 6*d.* per share. The lode is compact between walls of diorite and slate. From the latest reports we glean that out of 650 tons of stone raised from a depth of 15 feet 12 tons were picked, giving 8,500 ounces of smelted gold. From another part of the mine 4 tons selected out of 160 tons of ore yielded 1,600 ounces of gold. Some of the other returns of picked stone were 5 tons from 250 tons for 2,000 ounces; 2 tons from 70 tons for 900 ounces; 4 tons for 1,000 ounces, and 35 hundredweight for 800 ounces. In an outside lease, bought and added to the Reward mine, 300 ounces of gold were obtained from 25 hundredweight of picked stone. A correspondent of the *Times* estimates that down to the 50-foot level only it is estimated that gold to the amount of 40,000 ounces is in sight. Of the other claims in the district the same correspondent says that most of them are in the rudimentary stage, but that the population of Coolgardie is decreasing, as the hardships to be endured there are greatly augmented as the summer comes on and the scarcity of water is more severely felt. Indeed, this scarcity is so great that the water is sold at 1*s.* 6*d.* per gallon. The population some time ago was 1,500 and stores were plentiful, though dear, but the absence of water in sufficient quantities has undoubtedly prevented the increase of residents to tenfold the number we have stated, to which it would undoubtedly have risen had nature been bountiful in this respect. The Government is rising to the occasion and is doing all it can to increase the supply. It has done so to this extent that at certain points it is able to sell water of excellent quality at 2*s.* 6*d.* per 50 gallons. At Coolgardie itself works are being carried out which, when completed, are estimated to furnish with good water a population of 10,000 for nine months of the year. Let the water difficulty be solved and the only barrier to successful mining in western Australia is removed.

## PARTICULARS OF AUSTRALASIAN PRODUCTION IN 1892.

### I.—MINERAL PRODUCTION IN VICTORIA.

According to the *British Australasian* for the 10th August, 1893, cited by the Board of Trade Journal, the report of the secretary for mines for the year ending December 31, 1892, states that during 1892 there was a substantial increase in the amount of gold obtained in Victoria, the yield being 654,456 ounces, or an increase of 78,056 ounces over the output of the previous year. This is the highest yield reported since 1886. Improved returns were noticeable in both alluvial and quartz-mining operations, but the bulk of the increase was due to the results obtained from quartz, which yielded 452,498 ounces, whilst 201,958 ounces were produced from alluvial. The largest quantity of gold was obtained from the Ballarat district, the output being 210,602 ounces; Bendigo being next with 198,009 ounces. From 1851 to the end of 1892 the estimated quantity of gold raised in Victoria was 58,101,429 ounces which, reckoned at £4 per ounce, gives a total value of £232,405,716. Only 1,200 ounces of gold, the produce of the colony, were exported during 1892, whilst gold specie from all sources valued at £1,844,388 was also exported.

The highest returns obtained by companies from quartz during the year were the Star of the East, Ballarat, 29,680 ounces, and Black Horse United Egerton, 14,909 ounces, and from alluvial, Madame Berry, Spring Hill, 17,543 ounces, and Berry Consols, 17,441 ounces. The deepest mine in the colony in Lansell's 180 mine, Bendigo, the shaft being 2,846 feet.

### II.—GOLD MINING IN QUEENSLAND IN 1892.

The following information respecting gold production in Queensland is from a supplement to the *British Australasian* of the 9th of March 1893:

The gold fields of this colony came into prominent notice here during the Colonial and Indian exhibition at South Kensington in 1886. In the year 1885 a suggestion was made to the commissioners of the proposed exhibition, by Mr. Thomas Cornish, the well-known mining expert, to make a fitting display of the auriferous wealth of the Australasian and New Zealand colonies by having space allotted for the erection of an efficient 10-stamp mill of colonial manufacture, to be kept employed in crushing 1,000 tons of quartz, to be supplied from about 100 of the leading gold mines throughout the colonies then producing gold. Several meetings of the agents-general then representing the colonies of Victoria, New South Wales, Queensland, South Australia, and New Zealand were held to consider Mr. Cornish's proposal for the mineral exhibition and display of quartz-crushing machinery in work, but singularly to the profit and advantage of Queensland their representative, Mr., now Sir, James Garrick, was the only one who perceived

the benefits to be derived by making a display of the kind suggested at the exhibition. In consequence of the apathy of the other colonies, the field was left clear for the Queensland Government to take advantage of the unique opportunity, and, thanks to the activity of their representative, it was done with good results to the colony and the fortunate owners of mines, who were enabled to realize big prices for their properties thus fortuitously brought into public notice.

By this fortunate incident and boldness of policy, Queensland at once stepped into public notice as an attractive field for gold-mining enterprise.

This extensive colony comprises an enormous extent of auriferous country, prospected more or less from north to south nearly 1,000 miles and from east to west several hundred miles.

The production of gold hitherto and for the number of miners employed, has been remarkably good. Those who saw the fine samples of gold quartz at the exhibition and the stamp mill at work reducing the ore, will have had an idea of what quartz mining and milling are like in this colony.

Queensland is separated into three mining divisions, the northern, central, and southern. In the northern division are the following gold fields: the Palmer, Etheridge, Hodgkinson and Mulgrave, Cloncurry, Croydon, Charters Towers, Cape River, Ravenswood, and Strathalbyn; the central division contains the Peak Downs, Rockhampton, and Nebo, and the southern division contains the Normanby, Gympie, and Enogeyra.

Throughout the immense area of rich auriferous country the average results of the crushings from the various gold fields have been very good, and may be taken at from one-half ounce to 5 ounces of gold per ton.

The first discoveries that attracted attention and drew a rush to the Queensland gold fields were the shallow, rich, alluvial deposits at Gympie, and afterwards on the Palmer, Charters Towers, and other northern fields. After the Palmer had been opened by Europeans with excellent results, it was overrun by Chinese, who literally elbowed out the white men, worked the best portions of the alluvial deposits, and carried the gold out of the country.

The total output from the Queensland gold fields for the year 1892 is shown in the subjoined statement:

| | Ounces. |
|---|---|
| Charters Towers | 259,304 |
| Croydon | 63,843 |
| Gympie | 82,048 |
| Rockhampton | 124,810 |
| Etheridge | 21,694 |
| Hodgkinson | 1,293 |
| Ravenswood | 11,765 |
| Eidsvold | 12,462 |

| | Ounces. |
|---|---|
| Palmer | 7,818 |
| Gladstone fields | 5,353 |
| Clermont | 2,881 |
| Cloncurry | 1,262 |
| Gayndah fields | 3,890 |
| Warwick fields | 728 |
| Bowen fields | 1,018 |
| Starcke (Cooktown) | 442 |
| Grass Tree (Mackay) | 2,179 |
| Total | 602,819 |

### III.—MINERAL PRODUCTION IN NEW SOUTH WALES IN 1892.

The following particulars of the production of minerals in New South Wales in 1892 are also taken from the *British Australasian* for the 22d of June:

The output of minerals in the colony during 1892 was £5,305,812, which, though a decrease of £1,341,194 on the yield of 1891, was greater than that of any other previous year. The output of the principal minerals in 1892 was: Gold, 156,870 ounces; value, £569,177; silver, lead, and ores, 133,354 tons; value £2,420,952; silver, 350,661 ounces; value, £56,884; copper, 4,834 tons; value, £187,706.

The principal decreases as against 1891 were: Silver, lead, and ores, £1,063,787, and silver, £77,966.

The following table shows the quantity and value of gold produced in the colony of New South Wales from 1851 to 1893:

| Years. | Ounces. | Value. | | | Years. | Ounces. | Value. | | |
|---|---|---|---|---|---|---|---|---|---|
| | | £ | s. | d. | | | £ | s. | d. |
| 1851 | 144,120 | 468,336 | 0 | 0 | 1873 | 361,784 | 1,395,175 | 8 | 7 |
| 1852 | 818,751 | 2,660,946 | 0 | 0 | 1874 | 270,823 | 1,040,326 | 13 | 6 |
| 1853 | 548,052 | 1,781,172 | 0 | 0 | 1875 | 230,882 | 877,693 | 18 | 0 |
| 1854 | 237,910 | 773,209 | 0 | 0 | 1876 | 167,411 | 613,190 | 7 | 9 |
| 1855 | 171,367 | 654,594 | 0 | 0 | 1877 | 124,110 | 471,418 | 4 | 4 |
| 1856 | 184,600 | 689,174 | 0 | 0 | 1878 | 119,665 | 430,033 | 2 | 7 |
| 1857 | 175,949 | 674,477 | 0 | 0 | 1879 | 109,649 | 407,218 | 13 | 5 |
| 1858 | 286,798 | 1,104,174 | 12 | 2 | 1880 | 118,600 | 441,543 | 7 | 7 |
| 1859 | 329,363 | 1,259,127 | 7 | 10 | 1881 | 149,627 | 566,513 | 0 | 0 |
| 1860 | 384,053 | 1,465,372 | 19 | 9 | 1882 | 140,469 | 526,521 | 12 | 5 |
| 1861 | 465,685 | 1,806,171 | 10 | 8 | 1883 | 123,805 | 458,508 | 16 | 0 |
| 1862 | 640,622 | 2,467,779 | 16 | 1 | 1884 | 107,198 | 395,391 | 12 | 5 |
| 1863 | 466,111 | 1,796,170 | 4 | 0 | 1885 | 103,736 | 378,685 | 0 | 3 |
| 1864 | 340,267 | 1,304,926 | 7 | 11 | 1886 | 101,416 | 366,294 | 7 | 7 |
| 1865 | 320,316 | 1,231,242 | 17 | 7 | 1887 | 110,288 | 394,578 | 16 | 3 |
| 1866 | 290,014 | 1,116,403 | 14 | 5 | 1888 | 87,503 | 317,089 | 12 | 0 |
| 1867 | 271,886 | 1,053,578 | 2 | 11 | 1889 | 119,750 | 434,070 | 8 | 4 |
| 1868 | 255,662 | 994,665 | 0 | 5 | 1890 | 127,760 | 460,284 | 16 | 2 |
| 1869 | 251,491 | 974,148 | 18 | 4 | 1891 | 153,336 | 558,305 | 12 | 3 |
| 1870 | 240,858 | 931,016 | 8 | 6 | 1892 | 156,870 | 569,177 | 17 | 4 |
| 1871 | 323,609 | 1,250,494 | 15 | 11 | 1893 | 179,288 | 717,152 | 0 | 0 |
| 1872 | 425,129 | 1,643,561 | 16 | 11 | Total | 10,709,610 | 39,919,897 | 15 | 3 |

*AUSTRIA-HUNGARY.*

The production of the precious metals in the Austro-Hungarian Empire in 1892, as reported by the U. S. ambassador at Vienna is shown in the following table, compiled from the data furnished him by the Imperial Government:

| Countries. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Weight. | Value. | Weight. | Value. |
| | *Kilos.* | *Florins.* | *Kilos.* | *Florins.* |
| Austria | 12.9613 | 17,580 | 36,658.150 | 3,293,746 |
| Hungary | 2,246.7730 | 3,135,435 | 18,423.815 | 1,659,179 |
| Total | 2,259.7343 | 3,153,015 | 55,081.965 | 4,952,925 |

Representing for gold a value of $1,502,000 and for silver a coining value of $2,289,200. The data of the production of the precious metals in the Empire in 1893 have not yet reached the Bureau, and are, therefore, assumed to be the same as for 1892, in the table of the world's production of gold and silver.

With respect to the future of the production of silver in Austria the London *Economist* of September 1, 1893, says:

As soon as the coining of silver has been finished in Austria and no more is required for the new currency the question will have to be decided what is to become of Austrian silver production. It is probable that the product of 1893, 1894, and 1895 will be wanted for the 1-crown pieces of the new currency, but from 1896 the silver production of Austria and Hungary will have to serve industrial purposes only. At present the Government pays 90 florins for a kilogram of silver, but in subsequent years the price will be gradually reduced, so that by 1896 it may have reached the international price of 34¼ pence per standard ounce, this being only 62 florins for 1 kilogram. It has been calculated that so long as the price of 63 florins per kilogram is maintained the silver mines of Przibram, in Bohemia, which belong to the State, might be worked without loss, and the thousands of miners who are absolutely unadapted to any other kind of mining work might be still employed. But with the present price of silver this would already be impossible. The State would have to contribute if it wished to maintain these fine silver mines in activity.

*BOLIVIA.*

Bolivia, says Mr. Fournier de Flaix, in the *Economiste Français* of the 10th of February, 1894, is still probably one of the greatest reservoirs of the precious metals on the globe. But its mines are less easily accessible and less easily worked than those of the Sierra Nevada, Montana, and Mexico. They are also farther from the current of European and American capital. The old mines of Potosi are situated between the city of Sucre and the mines of Huanchaca, at the foot or on the side of a mountain which rises as high as Mont Blanc, viz, 15,810 feet. Humboldt calculates that from 1545 to 1800 the silver mines of Potosi had produced $174,400,000. They were abandoned in the seventeenth century, then reopened, abandoned anew, and again reopened by an English company.

At a considerable distance from the mines of Potosi lie those of Huanchaca, no less celebrated in our day than were those of Potosi in the seventeenth century. The mines of Huanchaca have been worked with more care than those of Potosi. They seem to be exceedingly rich. Among the other silver mines of Potosi may be mentioned those of Guadalupe, San Antonio de Lopez, Gran Poder Alianza, Esmoraca, Flamenca, Guariguari, and Andacaba, all situated in the department of Potosi. But, says Mr. Fournier de Flaix, a volume would be needed to enumerate all the silver mines of Bolivia. The mines of Oruro, situated between Lake Poopo and Lake Titicaca, on the shores of the former, deserve special mention.

The gold mines of Bolivia are less rich, but gold is found all over Bolivia, although in lesser quantities than silver. The principal mines are in the departments of La Paz, Beni, and Chuquisaca. Gold is found mainly in the north and silver in the south. The principal gold mines are those of Tupuani, along the Tupuani River, an affluent of the Beni, one of the principal branches of the Madeira; those of Chuquiaguilla, of Araca, and of Palca, in the upper basin of the Amazon, and those of Copacisco and Estaros Pilaya in the valley of the Pilcomayo.

Up to 1892 Bolivia occupied the third place among silver-producing countries. It now holds the fourth, its production of the white metal being exceeded by that of Australia.

In the absence of any information respecting the production of gold and silver in Bolivia in 1893, it is assumed to be the same as in the last year for which official data have been received, viz, 101 kilograms of gold of the value of $67,000, and 372,666 kilograms of silver of the value of $15,488,000.

From a report addressed to the French minister of foreign affairs on the silver mines of Bolivia by Mr. Wiener, the consul-general of France, at La Paz, the following extract is made by the *Annales des Mines* of April, 1894, pages 511 to 520, from which it is here translated:

THE SILVER MINES OF ORURO (BOLIVIA).

Oruro is situated in 18° 9′ south latitude, and 69° 35′ longitude west of the meridian of Paris. The mountains near which the city is situated, and which contain the argentiferous beds, rise to an altitude of 4,170 meters (13,682 feet). A railroad, 924 kilometers in length (574 miles), connects this center with the port of Antofagasta. The old route along the coast for beasts of burden terminating at Arica was about 514 kilometers (319 miles) in length.

Before the conquest the natives had worked some of the veins that are worked to-day, especially the mine of Atocha. After the death of Atahualpa, the last Inca, they obliterated the traces of their diggings.

In 1595, the priest, San Francisco de Medrano, discovered a thick bed of ore. Emigration immediately took that direction. In 1600 there was founded at the foot of the Cerro a city called San Miguel de Oruro. A memorandum in the Escurial shows that the place was baptized in 1606 under the name of San Felipe de Austria de Oruro. A royal treasurer was sent there to collect the tithes of the crown (*el quinto*). The first three months yielded to Phillip III. 7,000,000 piasters.

The output of the mines must, therefore, have been 35,000,000. This figure is all the more remarkable as the piaster was then worth 14 reals, or about 7 francs.

Notwithstanding these results the Grand Council of the Indies, by one of those inexplicable caprices habitual with it, refused all support to the miners of this region. Not only were they refused *mitayos*, that is, the contribution in forced labor of the Indians so necessary at an altitude at which the aborigines alone were able to resist the severity of the climate.

Despite these difficulties the following veins were worked:

In 1596, Boca Grande; in 1607, the Flamenca; in 1630, Nuestra Señora de Atocha; in 1631, Pie de Gallo; in 1633, Abicaya; in 1640, Santa Brijida; in 1646, San Nicolas de Tolentino; in 1650, Nuestra Señora de la Soledad; in 1653, the Veta Anticona; in 1700, Purisima Concepcion; in 1717, Rosario; in 1718, Santo Domingo; in 1730, San Antonio; in 1732, the Joya; in 1733, the Llagua; in 1740, Chocona; from 1742 to 1748, Barcas, Soracachi, Condcauqui, Sillota, Burguellos, Alita, Cerrani, Anconuno, Actaraqui, and Rasco.

In 1762 seven mines in the mountains of Santa Ana were worked. In 1772 the diggings of the Tetilla were resumed. These works were suddenly stopped by the revolt of the natives in 1781. The Spanish miners were assassinated.

The region now known as Bolivia then depended, under the name of Charcas, on the vice-royalty of Buenos Ayres. The royal court installed in this city caused the half-breeds of Oruro to be carried away, accused as they were of connivance with the insurgent Indians. They were led before a competent court to be tried 4,000 leagues from the point at which the massacre had taken place. Not one of them returned to the high plateaus. The rest of the inhabitants dispersed, and Oruro was abandoned.

The registers of the royal treasury had been burned during the progress of the revolt. The books of receipts of Buenos Ayres registered, up to the year 1773, an average production of 1,200,000 piasters. This figure is small compared to the output of the first fiscal year. The diminution is, however, explained by the fact that the veins are from 80 to 100 meters (262 to 328 feet) in depth, containing very rich chlorides of silver. Starting from this zone they made way for sulphites, which the Spaniards did not know how to treat. Important deposits of this latter mineral have been found in the *canchas*.

In 1846 a French engineer, Mr. Auguste de la Rivette, rediscovered several ancient veins, access to which had been stopped up, and formed a company for their exploitation. The first work was done at San Jose Chico, Santo Cristo, and Tetilla.

In 1861 Oruro produced scracely 4,000 marcos (a marco equals 230 grams of silver).

In 1865 Mr. Louis Armand Blondel had undertaken the exploitation of the mines of Atocha, Colorado, Alacranes, and Sapos. He had also exploited San Jose Grande, Tetilla, and Socavon de la Virgen. From 1865 to 1885 Atocha produced nearly forty millions of francs. In 1885 a company was formed at Santiago de Chile, under the name of Compañia minera de Oruro. It purchased the Socavon de la Virgen. After the failure of the Blondel firm, which was ruined by unfortunate speculation, this company leased the Atocha mine. It now works the veins called Chilena, Razgo, Inch, and Mercedes. Its capital of 200,000 francs was employed mainly in draining the mines. This first investment produced an output of which the following is a summary:

| Years. | Cars. | Contents in marcos. | Marcos. |
|---|---|---|---|
| | | *Per car.* | |
| 1887 | 824 | 56.50 | 47,597 |
| 1888 | 1,174 | 68.37 | 80,561 |
| 1889 | 1,173 | 73.05 | 89,025 |
| 1890 | 2,661 | 40.32 | 107,316 |
| 1891 | 2,677 | 39.51 | 105,773 |
| Total | 8,509 | ..... | 430,272 |

During the period of 1887–1891 there were, therefore, extracted 8,509 cars of various tenors, containing 430,272 marcos; in 1886 the mine had furnished 20,000 marcos; or, in six years, about 108,600 kilograms of silver.

In 1866 Mr. Ascarrunz purchased the vein of the Itos mine near Atocha. This property had belonged to the Ramos family, which worked the veins of San Augustin, Itos, and Colon. The average production was then 20,000 marcos. In 1888 a Chilean company purchased the veins. From that time the output grew larger:

| Years. | Cars. | Contents in marcos. | Marcos. |
|---|---|---|---|
| | | *Per car.* | |
| 1888 | 874 | 63.25 | 55,286 |
| 1889 | 796 | 62.76 | 49,977 |
| 1890 | 1,042 | 63.97 | 66,657 |
| 1891 | 937 | 61.18 | 57,332 |
| Total | 3,649 | | 229,252 |

The total production is, therefore, 3,649 caissons or cars of various tenors (1 caisson equals 50 quintals of 46 kilograms each). Having furnished 229,252 marcos, or 52,728 kilograms of silver in 1891, the production of Oruro was as follows:

| | Marcos. |
|---|---|
| Campañia minera de Oruro (Chilean) | 102,000 |
| San Jose Chico (Bolivian) | 78,000 |
| Itos Company (Chilean) | 48,000 |
| Atocha Company (Chilean-French) | 18,000 |
| Tetilla Company (French) | 90 |
| Various | 2,000 |
| Total | 248,090 |

or 57,060 kilograms.

These figures should be increased in more recent statistics by the production of the Tetilla, which rose from 20 kilograms in 1890 to more than 4,000 kilograms during the first half of 1893.

In 1890 a syndicate was formed in Paris with a capital of 150,000 francs to disencumber the socavon of that mine dug in preceding centuries over a length of more than 800 meters to open up the veins and see if it was worth while to form a company for the regular exploitation of the 69½ hectares (172 acres) composing the mineral property of the Tetilla. At the beginning of 1892 the syndicate, convinced that the mine deserved the employment of larger capital, organized a joint stock company with its place of business in Paris, and whose shareholders are nearly all French. The capital of the company is 600,000 francs.

The works of the mine grew rapidly under the direction of Mr. Emile Basadre Forero, engineer. The exploitation increased by degrees, as will be seen from the following table:

| | Tons of ore. | Contents in silver. |
|---|---|---|
| | | Kilogs. |
| First 6 months of 1892 | 88.490 | 668.674 |
| Second 6 months of 1892 | 333.592 | 2,442.511 |
| First 6 months of 1893 | 751.250 | 4,176.235 |

The ores contained a great deal of galena. Like the other ores of Oruro they all contain a large proportion of tin.

The property of the company is found on heights which constitute a lesser chain of the mountain chain of Oruro, made up of trachytic porphyry without the interposition of argillaceous schists, as in the greater part of the neighboring mines.

The group of veins cut by the socavon of the Tetilla, all more or less parallel and inclined in the same direction, seems to be independent of the groups of the other mines and to be connected with them only by extremely slender veins. The filling of these *vetas* at the point at which they are now worked consists of galena, clay, iron pyrites, pyrargyrite or ruby silver, sometimes quartz, gypsum, or sulphate of barytes, and tin thoroughly mixed with barytes.

Each mine possesses a large crosscut of exploration (socavon), from which the *vetas* or lodes start. The lengths of some of these crosscuts are as follows:

| | Meters. |
|---|---|
| The Tetilla | 867 |
| The Virgen | 517 |
| Atocha | 170 |
| Itos | 110 |

Certain lodes are actually explored over considerable lengths; thus, Rasgo (Socavon de la Virgen), over 400 meters (1,312 feet); the *veta Chilena*, over 1,400 meters (4,593 feet).

The following table shows the production of Oruro from 1865 to 1891, inclusive:

| | Marcos. |
|---|---|
| 1865–'69 | 354,000 |
| 1870–'74 | 512,000 |
| 1875–'79 | 547,000 |
| 1880–'84 | 833,850 |
| 1885–'89 | 871,928 |
| 1890–'91 | 490,818 |
| Total | 3,609,596 |

or 830,000 kilograms, to which must be added a minimum of 25 per cent for the thefts of the *cangalleros*. The real figure would, therefore, be about 1,037,500 kilograms of silver.

The argentiferous zone measures about 11 kilometers by 3½, consequently about 38 square kilometers (14.6 square miles).

The mountains in which the veins are found are masses of trachytic porphyry, which bears the sedimentary deposits of the primary period. They extend east by west. They are the Pié de Gallo, Todos Santos, and San Cristoval. The southern extremity is formed by the Tetilla, and the northern extremity by San Antonio.

The following is the actual condition of these mines: the greatest depth of the works now reaches 130 meters (427 feet) below the level of the high plateau at the Socavon de la Virgen (the Tetilla still works at the level of its socavon), 180 meters (591 feet) at Itos, 310 at San José, and 220 at Atocha. The draining machines now pump out only 80 cubic meters per day, a very small quantity when compared, for instance, with that of Huanchaca, which pumps more than 9 meters per second, or nearly 800 cubic meters in every twenty-four hours. It is calculated that 1 quintal of ore amounts on an average to between 2 and 3 bolivianos.

Oruro seems destined to produce larger quantities of the metal, considering that, according to a law very nearly general in the Bolivian veins, the tenor increases with the depth.

The mines actually worked have scarcely reached the depth at which the neighboring regions have found the largest deposits.

The danger that threatens Oruro, as well as all silver mines, is the depreciation of the metal. It remains to be seen whether the increased value of the veins at a depth will compensate for the increased cost and decline of the product.

The treatment of the ores is done in works moved by hydraulic power, and situated in the neighborhood of Oruro at some distance from the city (some mines send their ores to the works at Autofagasta). These establishments are called Pilcoo, Pena Blanca, Cantu, Obrajes, Socabella, Bellavista, Alantana, Machacamarca, etc.

Only this last establishment works on a large scale. It disposes of 150 horse-power, 50 of which is hydraulic. The combustible employed is *taquia* (clods of the excrement of the llama), which costs 20 centavos per quintal of 46 kilograms; *yareta*, a resinous plant of the high plateaus (about 45 centavos per quintal); turf, 60 centavos per quintal; charcoal, 4.90 bolivianos; and pit coal, 5 bolivianos.

Formerly the ore was treated in copper calcination pots, of a capacity of 125 pounds. After having calcined the ore in small reverberatory furnaces, hot water, salt, and mercury were added to it. The chloride of silver contained in the ore, in the presence of the copper of the calcination pot and of the subchloride of copper, precipitated the silver, which became amalgamated with the mercury and was deposited at the bottom. Each work had one or two dozen of these calcination pots. In 1886 Mr. Charles Petot, head of the Blondel firm, modified this process. He constructed copper calcination pots with a capacity of from 25 to 30 quintals of ore, and substituted for human labor mechanical arms, which turned the mixture. To the same engineer are due the first large reverberatory furnaces at Oruro. In 1888 he caused vast wooden vats with movable copper bottoms to be constructed. The mechanical arms were also of copper. It will be seen that this process was very like the pan of the North Americans. To-day all the miners of Oruro use the Petot process, or one similar to it.

The ores of Oruro are generally pyargyrite, or ruby silver. They frequently occur under the form of tetraedrite. In certain cases the exact analysis of them is very difficult. Sometimes silver accompanies the sulphide of antimony in needle crystals, berthierite polybasite, phillipsite, gray copper, bournonite, etc.; it also accompanies iron pyrites. Some is also found in the galenas.

The work is begun by separating the ore from the rubble on the floors of the mine, then the *quia*, that is, the ore the fineness of which is higher than ten one-thousandths, is separated (it sometimes reaches from four to five hundred ten-thousandths). The *quia* is exported to England, Germany, and France.

The second quality is called *broza*. It has an average fineness of fifty ten-thousandths. It is treated by amalgamation in the metallurgical establishments in the neighborhood of Oruro.

The pulverization of the brozas is done by means of the Californian stamping mills traversed by a current of water, which carries the dust (*llampus*) through the sieves of the mills and deposits it in great tanks. When the tanks are full of dirt or mud, they are decanted. This mud is composed of ores of silver antimony, iron pyrites, and of gangues. When they have been dried in the sun, they are submitted to calcination in the reverberatory furnaces of a capacity of 5 quintals. This chlorinating operation lasts four or five hours. The ore thus prepared is then treated in the cauldrons (*tinas*), of which we spoke above, during four hours. The amalgam is washed with mercury and water, and then filtered. The distillation in a retort produces the pig or bar (*pina*) freed from mercury in a porus form, with an average fineness of nine hundred and seventy to nine hundred and eighty thousandths. This treatment costs generally 100 bolivianos per 50 quintals. The process allows the extraction sometimes of as much as 86 per cent of silver contained in the ore. The losses of silver are due in part to volatilization, which is produced during the calcination of the metal.*

*To give an idea of the quantities of silver which are lost by volatilization we would mention the following fact: The Huanchaca Company constructed some years ago a chimney, which follows the windings of the mountain, and which was intended to cast into a neighboring gorge the fumes charged with arsenical vapors, which made dwelling in Huanchaca, if not mortal, at least very dangerous. This chimney, which measures about 380 meters (1,247 feet) in height, and the construction of which cost 80,000 bolivianos, is cleaned annually during the carnival. The company obtains from the soot an average of 150,000 bolivianos of silver, which goes to increase its production without any cost.

There remains, therefore, about three ten-thousandths in the residua of the amalgamation. The loss of mercury is 42 grams per marco, that is, for every 230 grams of silver. The preparation of such a quantity of metal absorbs a kilogram of copper.

Until recently ore of a lower fineness than twenty ten-thousandths was entirely neglected. The processes which have been perfected by degrees, and which were mentioned above, allow the working of veins which have hitherto been considered very poor.

It is remarked above that all the mines of Oruro contain tin. Important beds of this metal have been opened up at various points in Bolivia. This new wealth will allow the miners of the country to find some compensation in case the working of the silver mines should cease to be remunerative. Tin has been extracted in upper Peru for more than a century. The mine of Huanuni produced in 1784 an average of 1,000 quintals per annum at 9 bolivianos per quintal. The tin produced was, at least in part, shipped to Spain and utilized in the manufacture of cannon at Seville and Barcelona. The *brozas* of Atocha contain generally 15 per cent of tin; those of Itos as much as 30 per cent; the Socavon de la Virgen and the Razgo furnish from 4 to 8 per cent.

In treating the ore the residua of amalgamation are washed or concentrated either by hand or by mechanical means. A product called the *barilla* of tin is thus obtained with an average fineness of 65 per cent. It is generally exported to Europe under the form of a granulated, sometimes ferruginous powder.

Changamoco is situated in the desert of Atacana about 4,000 meters (2½ miles), at the foot of the Sajama. A torrent which descends along the sides of this mountain furnishes the motive force to move the blowing machines of the furnaces of 20 tons capacity. To complete this article it is necessary to add that auriferous quartz has just been discovered in Oruro.

### *BRAZIL.*

The returns of the gold output of the Brazilian mines are very difficult to obtain, as will be seen by the answers of our ministers to that country to the interrogatory relating thereto in the annual circulars of inquiry of this Bureau for the years 1886, 1888, and 1891:

Gold-mining in Brazil is a private industry, carried on in different provinces, by companies and individuals, with the permission of the Government, but free of any official supervision, and as there is a duty on the gold exported to other countries no exact information exists as to the quantity produced in 1885. (Mint Report, 1887, p. 365).

The weight of the gold produced at the mines and received at this mint (of Rio de Janeiro) for smelting and assaying was 351,266 kilograms, of the value of 402,808 milreis. (Mint Report, 1889, p. 234.)

Pursuant to instructions in circular from Department of State, I have the honor to report that the only statistics on the subjects named I have been able to obtain from the British Government, after repeated written and verbal requests, are those given in the table herewith. (The coinage of the Brazilian mint for 1891.) (Mint Report, 1892, p. 249.)

The statistics of the Brazilian output of gold being so meager, resort must be had to an estimate of the production of the country, which may be based on the sum of the coinage and exports of gold (so far as ascertainable) of the country. The export of gold to Great Britain

and the coinage of gold at Rio Janeiro were as follows, for the years named:

| Years. | Imports. | | | Coinage value. | Total value. | Kilograms. |
|---|---|---|---|---|---|---|
| | British standard (916⅔). | Fine ounces. | Value. | | | |
| | *Ounces.* | | | | | |
| 1891 | 18,886 | 17,312 | $357,871 | $499,941 | $857,812 | 1,291 |
| 1892 | 19,486 | 17,862 | 369,240 | *499,941 | 869,181 | 1,308 |
| 1893 | †19,486 | 17,862 | 369,240 | *499,941 | 869,181 | 1,308 |

* Assumed to be the same as 1891.
† Assumed to be the same as 1892.

This would make the value of the gold product in 1891 $857,812, representing 1,291 kilograms. Assuming the amount coined in 1892 and 1893 to have been the same as in 1891, and the amount exported in 1893 the same as in 1892, the gold product of each of those years would be $869,181, representing 1,308 kilograms ,at which figures the Brazilian gold output appears in the table of the world's production in this report as provisional estimates.

In an article in the *Economiste Français* of September 23, 1893, Mr. Fournier de Flaix writes:

Gold mines exist and are worked in the majority of the States of Brazil, notably in Ceara, in the State of Bahia, and especially in Minas-Geraes and Goyaz. The annual production of gold is estimated at 10,000,000 francs.

This Bureau can find no facts on which to base any such production.

## *BRITISH INDIA.*

Regarding the gold production of India and the imports of gold from China into India in 1893, Mr. J. E. O'Conor, assistant secretary of the Government of that Empire, to whose unfailing courtesy we are indebted every year for the data of the annual output of that country, writes:

GOVERNMENT OF INDIA,
FINANCE AND COMMERCE DEPARTMENT,
*Simla, April 9, 1894.*

SIR: In continuation of the letter from this department, No. 368 A, dated the 22d January, 1894, I am directed to attach two statements, one showing the quantity of standard gold produced from the mines of India during the calendar year 1893 and the other showing the quantity of gold bullion and coin imported into India from China during the same period. The returns do not distinguish between bullion and coin, but it may be taken that the gold imported from China is all uncoined.

(2) The statement of the production of gold now furnished is provisional, and further information which is awaited from Mysore will be sent to you on receipt.

I have the honor to be, sir, your most obedient servant,

J. E. O'CONOR,
*Assistant Secretary of the Government of India.*

Hon. R. E. PRESTON,
*Director of the Mint, Washington.*

STATEMENT SHOWING THE WEIGHT OF GOLD PRODUCED FROM MINES IN INDIA DURING THE CALENDAR YEAR 1893.

| Where produced. | Weight of standard gold. |
|---|---|
| | *Kilos.* |
| State of Mysore | 6,259.871 |
| Madras Presidency | Nil. |
| Total | 6,259.871 |

STATEMENT SHOWING THE QUANTITY OF GOLD BULLION AND COIN IMPORTED INTO INDIA FROM CHINA DURING THE CALENDAR YEAR 1893.

| Whence exported. | Whither imported. | Weight of gold. |
|---|---|---|
| | | *Kilos.* |
| China | India | 3,926.508 |

Six thousand two hundred and fifty-nine and eight hundred and seventy-one thousandths kilograms of standard (916⅔) fineness represents 5,738.215 kilograms fine, of the value of $3,813,618. The production of India in the table of the world's production in this report appears at these figures as a provisional and probably too low an estimate.

It will be noticed that the Madras Presidency, which, in 1892, produced 29.882 kilograms, is reported as producing no gold in 1893.

The production of gold in Mysore in 1893, according to a table published in the London *Mining World* of January 20, 1894, was 207,033 ounces, of the value of $3,904,166, representing 5,874 kilograms fine.

TABLE SHOWING THE OUNCES AND VALUE OF GOLD PRODUCED BY THE COMPANIES NOW AT WORK IN THE COLAR FIELD, FOR THE YEAR ENDING DECEMBER 31, 1893.

[From the London Mining World, January 20, 1894.]

| Month. | Mysore. | | Nundydroog. | | Balaghat-Mysore. | | Ooregum. | | Champion Reef. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Ounces.* | | *Ounces.* | | *Ounces.* | | *Ounces.* | | *Ounces.* | |
| January | 6,172 | £24,032 | 2,541 | £9,305 | 842 | £3,258 | 5,688 | £21,195 | 1,499 | £5,583 |
| February | 6,105 | 23,741 | 2,419 | 9,041 | 846 | 3,269 | 5,746 | 21,316 | 1,540 | 5,815 |
| March | 6,200 | 24,110 | 2,111 | 7,864 | 851 | 3,293 | 5,966 | 22,216 | 2,335 | 8,876 |
| April | 6,506 | 25,198 | 2,037 | 7,622 | 863 | 3,316 | 6,052 | 22,550 | 2,829 | 10,644 |
| May | 6,406 | 24,751 | 2,046 | 7,610 | 455 | 1,745 | 6,178 | 23,085 | 2,837 | 10,709 |
| June | 5,328 | 20,561 | 2,114 | 7,885 | 292 | 1,132 | 6,303 | 23,492 | 2,843 | 10,668 |
| July | 4,780 | 18,596 | 2,255 | 8,377 | 378 | 1,463 | 6,412 | 24,038 | 2,851 | 10,848 |
| August | 4,511 | 17,477 | 2,367 | 8,847 | 415 | 1,471 | 6,512 | 24,199 | 2,887 | 11,009 |
| September | 4,632 | 18,098 | 2,371 | 8,856 | 612 | 2,362 | 6,538 | 24,355 | 2,907 | 11,006 |
| October | 4,860 | 19,029 | 2,433 | 9,018 | 627 | 2,410 | 6,553 | 24,560 | 2,967 | 11,293 |
| November | 4,904 | 19,203 | 2,515 | 9,348 | 561 | 2,134 | 6,563 | 24,478 | 3,014 | 11,442 |
| December | 5,010 | *19,414 | 2,525 | *9,785 | 510 | *1,977 | 6,577 | *25,486 | 3,037 | *11,769 |
| Total | 65,409 | 254,205 | 27,734 | 103,558 | 7,252 | 27,880 | 75,088 | 280,970 | 31,546 | 119,662 |

TOTAL VALUE OF MONTHLY YIELDS.

| Month. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. |
|---|---|---|---|---|---|---|
| January | £8,703 | £16,252 | £33,054 | £39,899 | £44,610 | £63,373 |
| February | 9,790 | 18,615 | 37,877 | 39,352 | 44,821 | 63,122 |
| March | 8,569 | 20,734 | 37,340 | 39,171 | 44,155 | 66,239 |
| April | 8,569 | 22,921 | 30,854 | 36,490 | 44,929 | 69,330 |
| May | 12,272 | 23,885 | 30,251 | 40,682 | 47,681 | 67,909 |
| June | 13,153 | 25,567 | 32,657 | 41,676 | 45,128 | 63,738 |
| July | 11,388 | 27,063 | 31,843 | 42,872 | 50,772 | 63,122 |
| August | 12,044 | 28,161 | 31,801 | 43,331 | 56,483 | 63,668 |
| September | 11,906 | 28,947 | 32,809 | 43,086 | 59,166 | 64,672 |
| October | 12,296 | 27,401 | 36,721 | 46,644 | 60,926 | 66,319 |
| November | 11,267 | 32,690 | 38,287 | 45,006 | 60,787 | 66,685 |
| December | 13,195 | 31,119 | 39,472 | 44,683 | 62,509 | *63,431 |

*Estimated at £3⅔ per ounce.

The localities in which gold is to be found in India are the following: (1) Madras, Travancore, Madura, Salem, Malabar, Wynaad, and Bellary. (2) Mysore. (3) Hyderabad. (4) Bengal, Orissa, Midnapur, Bankura, and Champarun districts: Chutia Nagpur, Manbhum, Singbhum, Udaipur, and Darjeeling. (5) Central Provinces: Chattisgarh, Nagpur, Jabalpur divisions, and Upper Godavari district. (6) Central India, Ajmere-Merwara district. (7) Bombay, Dharwar, Belgaum, and Kaladgi districts, and Kattiawar. (8) Punjab, Bannu, Peshawar, Hazara, Rawal Pindi, Jhelum, Kangra, Umballa, and Gurgaon districts. (9) Northwestern Provinces: Bijnor and Naini districts.

Gold of considerable purity is found throughout nearly the whole of Lower Burmah, especially in the beds of the rivers in Tennasserim. Specimens have been found of quality equal to average Australian gold. Gold occurs also in Upper Burma, near Bhamo, and an application has recently been made for a license to prospect for it in the neighborhood of Wuntho, in the Katha district.

Record also exists of gold in Assam.

The production is nowhere considerable except in Mysore and the Wynaad, where mining operations have been started under European management.

Speculative enterprises have recently been started in parts of Chutia Nagpur, in Bengal. None of these, however, have gone further than the prospecting state, excepting, perhaps, two mines in Lohardugga, where the deputy commissioner of Chutia Nagpur reports two mines at work. The native method of obtaining gold is almost universally the washing of auriferous sands from the beds of rivers. The practice of washing for it in the streams of the Seoni district has of late been abandoned. Recently operations were initiated for gold mining in the Sonakham tract at the southeast corner of the Bilaspur district, but have, it is understood, proved fruitless. Prospecting operations in the Sambalpur district have shown that no large veins exist. There are certain remains of ancient mine workings in Mysore, and in the Raichur-

Doab, Hyderabad. The Hyderabad (Deccan) company have recently applied for leases to work certain mines in the latter provinces; quartz also seems to have been crushed for gold in Singbhum and in parts of the Rajgir Hills in Patna, in Bengal, and the Jashpur State. (See London Board of Trade Journal.)

The richest gold mine in India is its hoarded treasure. The following article on hoarding in India is taken from the London *Bankers' Magazine*, Vol. LVI., July to December, 1893, pp. 206–213.

HOARDING IN BRITISH INDIA.

* * * * * * *

The history of hoarding in British India is full of interest. It is history itself, it is social habit as well, not to speak of material and other conditions, such as the kind of ruler and the methods of governing. One circumstance which has helped the ingathering of gold and silver in India has been the excess of exports over imports for centuries. The metals paid to India have remained and gone into hoard to a vast extent. We are told that Pliny, whose death took place in 79 A. D., complained that India drew from the great Roman Empire no less than 5,000,000 sesterces per year, or about £540,000 sterling. In a book of travels published in 1699 by a Frenchman, M. Bernier, who lived some time at the court of Delhi and made a report of the commercial relations of India to Colbert, the great French statesman, it is stated that "the gold and silver of the world, after circulating for some time, finally flow to India, as into an abyss from which there is no return."

It may be asked to what the system of hoarding is to be attributed. Sir Charles Trevelyan, an Anglo-Indian authority, says it arises from habits induced by ages of misgovernment. It must also be remembered that no adequate means of investing money has been open to this thickly peopled country; that oppression and violence have been rife; that no confidence or feeling of safety has existed, and that the hoarding of coin is the only form of saving known to the natives. The habit has been of very long growth, and Orientals are not easily moved out of their orbit. Sir David Barbour gave interesting evidence before the royal commission appointed to inquire into the recent changes in the relative values of the precious metals, otherwise known as the gold and silver commission, on the subject of hoarding, of which he appears to have made a study. He said that it was beyond question that there was a large amount of hoarding both of gold and silver. Gold and silver are hoarded in the form of bullion or coin, and frequently the metal is made into ornaments and partly used for the purpose of ornament and partly kept as a hoard, it being impossible to discriminate between the use of gold and silver as ornaments and their use simply for the purpose of hoarding. Natives prefer to invest their means in the form of ornaments for their families, because it is a hoard, besides being also a source of gratification to them to possess these ornaments. As natives get wealthy they prefer gold, and a wealthy man chooses ornaments of gold for his family rather than silver. The very poorest classes use ornaments made of some base metal, neither gold nor silver, although there may be some silver in it. It is very much a question of the position of the family as regards wealth.

The amount of such hoarding for the half century previous to 1885 was estimated by Sir David Barbour to be £130,000,000 of gold and £170,000,000 of silver or, together, £300,000,000, and is exclusive of hoards previous to 1835. This sum represents the greater part of the gold and silver imports during the half century in question, and it is one-third of the total amount of coinage in circulation in the world, estimated by Dr. Soetbeer at £1,000,000,000.

The money thus hoarded is withdrawn from circulation without any intention, unless under very special circumstances, of returning it to circulation again. Nothing but some special circumstance or pressing necessity would induce those who

hoard to turn it into coin again or to take it out of hoard. War would probably have the effect of increasing hoarding by adding to the insecurity. No mere inducement of profit within ordinary limits would bring out the hoards, although a very large increase of interest might, but no such high rate is likely to be offered.

It was difficult to arrive at an estimate of how much of these hoards was lost through being hidden and not to be found again. In Delhi there used to be a consumption of gold in connection with "pawn" which is the signal for you to leave after an interview, and there is some gold used for ornament in this way. A sum of £100 a day was used in Delhi alone in manufacture connected with "pawn," which was lost forever. There are said to be considerable stores of gold and silver connected with the temples in southern India.

In twenty-five years it is believed that about two-thirds of £6,640,000 worth of silver have been absorbed by the native population living in Simla and in the hills. The hill tribes and hill natives are more given to hoarding than the people in the plains, and the people of Simla have had special opportunities for hoarding in recent years, as so many Anglo-Indians reside there during the year and circulate their money. It is natural to suppose that there is more hoarding in the outer and hill portions of civilization than in the more inlying parts among the plains. The amount of gold and silver ornaments used by the hill women of late has been a subject of observation and remark, and evidences a state of growing wealth in that locality.

When money is drawn from a hoard, it is usually pledged, in the first instance, with the native banker or money-lender, and the native banker might either sell that silver again, if he obtained possession of it, or he might send it to the mint. During the years of the great famine in Madras and Bombay a large amount of gold was sent from India to England, among which was a quantity of gold from India which was evidently composed of ornaments melted down. These coins, which were brought to the Bombay mint for coinage, were native coins, which are not legal tender, as a rule, in British India. It may be mentioned that there are numerous native States which exercise the right of coining, which they are tenacious of as a sovereign privilege. The principal native State with a coinage is Hyderabad. Holker's government has coinages at Indore, Bhopal, and Travancore, which are of a small amount.

The annexed list will show the amount of native coins and ornaments tendered for coinage in the Bombay mint from 1854–'55, and it will throw light on the operation of withdrawing hoards from their concealment.

BOMBAY MINT.—APPENDIX D.—GOLD AND SILVER COMMISSION.

| Years. | Native coins. | Ornaments. | Total. | Years. | Native coins. | Ornaments. | Total. |
|---|---|---|---|---|---|---|---|
| | *Rs.* | *Rs.* | *Rs.* | | *Rs.* | *Rs.* | *Rs.* |
| 1854–'55.... | 15, 81, 000 | 4, 69, 000 | 20, 50, 000 | 1870–'71... | 20, 74, 000 | 72, 000 | 21, 46, 000 |
| 1855–'56.... | 10, 58, 000 | 2, 31, 000 | 12, 89, 000 | 1871–'72... | 10, 88, 000 | 12, 50, 000 | 23, 38, 000 |
| 1856–'57.... | 3, 13, 000 | 2, 23, 000 | 5, 36, 000 | 1872–'73... | 15, 73, 000 | 28, 80, 000 | 44, 53, 000 |
| 1857–'58.... | 2, 02, 000 | 50, 000 | 2, 52, 000 | 1873–'74... | 23, 96, 000 | 12, 17, 000 | 36, 13, 000 |
| 1858–'59.... | 4, 48, 000 | 15, 000 | 4, 63, 000 | 1874–'75... | 7, 90, 000 | 3, 62, 000 | 11, 53, 000 |
| 1859–'60.... | 2, 25, 000 | 2, 24, 000 | 4, 49, 000 | 1875–'76... | 7, 10, 000 | 75, 000 | 7, 85, 000 |
| 1860–'61.... | 1, 27, 000 | 2, 49, 000 | 3, 76, 000 | 1876–'77... | 20, 000 | 3, 52, 000 | 3, 72, 000 |
| 1861–'62.... | 1, 53, 000 | 12, 22, 000 | 13, 75, 000 | 1877–'78... | ..... | 1, 24, 00, 000 | 1, 24, 00, 000 |
| 1862–'63.... | 49, 000 | 47, 000 | 96, 000 | 1878–'79... | 47, 00, 000 | 1, 16, 00, 000 | 1, 63, 00, 000 |
| 1863–'64.... | 37, 000 | 1, 63, 000 | 2, 00, 000 | 1879–'80... | 43, 00, 000 | 92, 00, 000 | 1, 37, 00, 000 |
| 1864–'65.... | 2, 000 | ..... | 2, 000 | 1880–'81... | 23, 50, 000 | 10, 00, 000 | 33, 50, 000 |
| 1865–'66.... | 74, 000 | ..... | 74, 000 | 1881–'82... | 1, 00, 000 | 4, 00, 000 | 5, 00, 000 |
| 1866–'67.... | 3, 36, 000 | ..... | 3, 36, 000 | 1882–'83... | 15, 50, 000 | 50, 000 | 14, 00, 000 |
| 1867–'68.... | 19, 75, 000 | 1, 53, 000 | 21, 28, 000 | 1883–'84... | 1, 25, 000 | 50, 000 | 1, 75, 000 |
| 1868–'69.... | 19, 23, 000 | 1, 65, 000 | 20, 88, 000 | 1884–'85... | 16, 25, 000 | 12, 75, 000 | 28, 00, 000 |
| 1869–'70.... | 20, 18, 000 | 1, 74, 000 | 21, 94, 000 | 1885–'86... | 2, 00, 000 | 3, 25, 000 | 5, 25, 000 |

It will be observed from the above statement that in times of scarcity and famine a considerable quantity of silver ornaments has found its way to the mint. During the period of the great famine in 1877 and the following years, for example, large quantities of such ornaments were minted. In three years, as will be seen, no less than *Rx.* 4,500,000 were thus turned into money.

One who describes the hoard of the Maharajah of Burdwan gives as well a good idea of the origin of hoarding in the far-off days when robbers abounded, and when life and limb, property and possessions were unsafe. Through fear, he says, that the Mahrattas might take away whatever they found in the house, and that the householders would have nothing to fall back upon, it was thought necessary in those days to keep a large amount of savings underground for time of need. Besides, in the time of the Mogul emperors, the country was not so safe as it is nowadays under the British rule, and there was no other way of investment than buying landed property, precious metals, jewels, etc.

As they used to have large sums in cash, and also because the people of those days did not have the same confidence in the government of the country as they have now, they preferred keeping their savings in hard cash within easy reach and in the shape of precious stones and metals.

Ladies of the Hindoo household were, as a rule, uneducated in those days (and the majority of them are still no better), and for their benefit it was not thought proper to invest in securities, as when there was no male member in a family it would be hard for the uneducated ladies to deal with the securities or other investments which might necessitate their appearing in court and undergoing some expenses to get their just dues from the court, in addition to the degradation they would have to submit to.

Another reason why people (especially poorer people who can not save more than 100 or 200 rupees and have some ornaments) like to leave for their wives and families behind them hard cash and ornaments is that they can not afford to have iron safes or strong boxes to keep their money in in the shape of currency and promissory notes. They generally put their things within brass *lotas* or *Bahugunas*, and then bury them underground somewhere in the room they sleep in; as a rule they prefer the ground below their beds for that purpose. Often disused wells or other out-of-the-way places are also used in this way.

A report made by an officer of the Indian post-office in 1886 showed that a native prince was at present hoarding gold at the rate of £40,000 or £50,000 a year. He set apart a very large sum of money (in silver) for conversion into gold, and every month between 40,000 and 45,000 rupees' worth of gold mohurs are purchased by agents in Calcutta, Bombay, and certain other places, and dispatched in secrecy to a certain native banker who acts as his treasurer. The gold is deposited in a strong vault or room specially set apart for it. The value of the mohur is about 30s., and it is like a rupee, only it is of gold instead of silver.

Another reported case of hoarding was that of two native princes recently who, it was believed, had left as much as £4,000,000 each. They certainly left large hoards, but it could not in the nature of things be ascertained how much was in silver and how much in gold. As an illustration of the tendency to hoard, it may be mentioned that one of those princes took a loan from the government of India in 1877 of £500,000 and at that time he must have been in possession of a large hoard himself. But it is very often a point of honor with the family not to break into the hoard, and they prefer to borrow rather than touch the hoard, which is treated like a family picture, not to be sold if possible. The whole of the loan taken by the prince referred to was not repaid in 1886; but the year before (1885), when he had to make a payment to the government of India for a purpose in which he was interested, and he was asked when he could make the payment, a payment of £150,000, he said, "at any moment;" that is, he had no difficulty in paying £150,000 at a moment's notice.

The existence of a very large hoard was discovered lately on the death of the maharajah of Burdwan. The extent of the gold and silver hoarded even no member of the family could tell, so extensive was it. In recent years £230,000 of silver was withdrawn from the hoard of the maharajah, but that was not the whole amount. The silver coins withdrawn must have been coined before 1835, because they were Sikka rupees, of which none have been coined since 1835. This confirms the conclusion come to on other grounds as well, that an immense amount of the hoarding is anterior to the year 1835, at which time statistics of the import of the precious metal began to be prepared. It was in the same year (1835) that gold ceased to be a legal tender in India.

Reverting to the hoard of the maharajah of Burdwan, a letter was submitted to the royal commission on the subject of the hoard. The letter, as published, wisely bears no name, as the communication was confidential on a matter of so much moment, and attended with so much necessity for secrecy. A description is given in the following terms of the several treasure houses in the estate, their dimensions, and their contents. There are three rooms which are known by the name of Toshakhana.

One large room, measuring about 48 feet in length, 14 feet 6 inches in breadth, and 13 feet 9 inches in height, where gold and silver ornaments, and ornaments set with precious stones, are kept. These articles are kept in almirahs and boxes of all descriptions, and also some gold plates and cups, *thalees*, and *katorahs*, as well as washing bowls, jugs, etc.

There is another room, where silver *thalees* and *katorahs*, *rakabees*, *aterdes*, *golappas*, *nemokdan*, drinking glasses of silver, *gharras*, *lotas*, washing sets, and all other things for ordinary use are kept, the room measuring in length 17 feet 9 inches; breadth, 15 feet 6 inches, and height, 13 feet 9 inches.

These rooms are under lock, and the doors of the rooms having been bricked up, and no list being in existence of their contents, an idea of the value of the contents could not be given. Of the contents of the latter room an inventory was made, and they would come up to about 80,695 tolahs of silver, valued at *Rs.* 80,695.

There are four other rooms.

One of these has lately been fitted up since the estate came under the court, and contains gold and silver ornaments, and ornaments set with precious stones, gold ornaments, and throne, etc., which would come up to about 10,142 tolahs, valued at *Rs.* 1,62,278 (at the rate of 16 rupees per tolah). The room is about 6 feet 6 inches in length; breadth, 12 feet 9 inches, and height, 12 feet 3 inches.

The second and the third rooms (known as the under-roker room, or reserve treasury), one being for the Zamindari property and another for Debutter, are the treasury where current collection of the estate is kept, as well as the government securities and debentures. The size of the Zamindari treasury is, in length, 22 feet 9 inches; breadth, 12 feet 9 inches; height, 12 feet 3 inches, while that of the Debutter treasury is—length, 6 feet 9 inches; breadth, 15 feet, and height, 12 feet 3 inches.

The fourth room measures about 22 feet 6 inches in length; breadth, 15 feet, and height, 12 feet 3 inches, where there are two large-sized vaults prepared for hoarding the current silver coin, and since the year 1267 B. C. some money was from time to time put in and taken out by the Maharajah Mahtab Chund Bahadoor for the expenses of emergent and extraordinary nature, such as the late Maharajah Aftab Chund Bahadoor's marriage, Lala Burr Kehari Kapur's marriage, and buying landed properties. When he died about 1 lakh was left in one of the vaults. In the time of Maharajah Aftab Chund Bahadoor that sum was taken out and placed at the reserve treasury; so there is no money in them now. There is one small vault in the room supposed to have contained some 9,990 or 10,000 gold mohurs of all descriptions, one kind known as *Foypoori*, another *Moorshidabadi*, and sovereigns worth in all about *Rs.* 1,60,000. The accumulation of these coins was begun by the Maharajah Tage Chund Bahadoor and continued up to the time of the Maharajah

Mahtab Chund, who made this vault and kept them in it. This room has also been locked, and the door is bricked up. This room is known as the *Kona Hawze*. All these above treasure rooms are situated in the apartment known as "Raj Mohal," at present occupied by the Maharanee.

There is one toshakhana situated in another apartment called "Rung Mohul," where ornaments belonging to different gods of the family are kept, and silver *thalees*, *sapaias*, etc., for the religious purpose, the value of which is not known, as the room has been kept locked and sealed.

Another room called *Bara Hawze* contains several vaults, and is situated in the apartment called *Jattrakhanda*, measuring about—length, 32 feet; breadth, 25 feet, and height, 12 feet 9 inches. This room is locked and its doors bricked up, so that the amount of silver it contains, or even the number of vaults, is not known.

The amount known to have been drawn from these vaults during the times of the Maharajahs Mahtab Chund and Aftab Chund Bahadoors is about *Rs.* 23,00,000, and out of this sum about *Rs.* 10,75,000 has been invested in landed properties, *Rs.* 5,00,000 in government securities, and *Rs.* 200,000 in Hamalayan railway debentures.

It is believed that these silver coins were hoarded by the Maharajah Tejchund Bahadoor and his wife, Maharanee Komal Coomari Thacoranee, after him, year after year, beginning from 1211 Bengali era; that is, from the time when the putloni system was first introduced, According to the custom of the Burdwan Raj family the custody of these valuables was left to the Maharanee for the time being, but the vaults were never opened except in the presence of the Maharajah.

When any sum was drawn out, only some relations and trustworthy servants were admitted into the room and vault. Treasurers and dewans used to be present outside the room or appartment where the sum drawn was sent out, and female guards placed in the passage for the purpose of weighing, counting, and bagging it before it was sent to the mint.

A part of the above-mentioned gold coins, and all the silver coins, bear as date the nineteenth year of Shaha Alum's reign. They were all coined at Moorshedebad.

Jewelry is also extensively hoarded. It is a favorite form of ornament to those who can afford to indulge in such a luxury, and dowries are often composed of it alone, and to be more or less costly according to the rank and caste of the family concerned. Hoards bring no interest to their owners, and they thus escape payment of income tax, being ranged among the nonearning commodities while in a state of hoard.

Coined money, if of the current coinage, is a useful form of hoard when necessity impels its quitting the place of concealment. It is believed, says an Indian authority, that 10,000,000 are treasured up in British sovereigns, mainly in the Bombay presidency, where the coins, because they bear theimpression of St. George and the dragon, appear to be valued on religious grounds. The native silver coin most hoarded is the sicca, or sikka, rupee, and the gold coin is the mohur.

The commonest or lowest kind of ornament is the bangle or bracelet. Then there are brooches and torques, armlets, anklets, and such like. There is gold in lumps, such as cubes and octahedrons, as well. The gods of the country take up a large quantity of gold, silver, and precious stones, for India is a religious country, and devotees are rife.

There are between 200,000 and 300,000 native bankers in India. There are also local money-lenders, resembling the gombeenmen in Ireland who lend to the peasantry. These local money-lenders advance on a petty scale to the ryots, but it is not always done in coin. A money-lender advances to a cultivator so much grain, and the understanding is that he is paid back in grain, with a certain addition, at harvest time.

As to the question what influence it would have on the disposition to hoard if there were a currency common to India and the rest of the world, either by general

bimetallism or by giving India a gold currency, Sir David Barbour said at the Commission that he did not think it would have this effect to any material extent, because the hoarding depended on the disposition and the habits of the people, and by introducing one form of currency rather than another you did not change the habits and dispositions of the people.

The British Government tried to draw out the hoards in 1882 by offering tempting rates for the money thus out of circulation, but no response came from the natives. It appears, however, that the recently established savings banks have done something in the way of gathering in native deposit money, for there were lately, according to Sir Richard Temple, no fewer than 6,151 savings-bank institutions in India, with a balance of no less than 6,577,737 tens of rupees at deposit.

A good deal of capital, but how much is not known, has been invested in cotton mills and other mills in India, but Government securities have not been much cultivated by the natives from fear of their varying values. In the meantime hoarding continues, and it may be mentioned that through the impetus given to trade at the time of the American war of secession great additions were made to hoards at that period owing to the prosperity arrived at through increased cotton-growing. The committee appointed to inquire into the Indian currency reported as to the probable effects of hoards on the silver question. They maintained that coined rupees, of which the hoards were said chiefly to consist, would be unaffected, except in so far as any further fall in their gold value would be prevented, but that the uncoined silver and ornaments would cease to be convertible into rupees, and would certainly be depreciated in value. As the transaction of converting silver ornaments or hoarded silver into money was not at the present time effected by the owner himself taking them or sending them to the mints for conversion into rupees, but through the intervention of the village money-lender, the committee said that it had been asserted that uncoined silver would still be converted into money in the same fashion. They said this was no doubt true, but that it was obvious the ornaments would not be converted on terms as favorable to the seller. They added that they thought it could not be doubted that the closing of the mints would in this case depreciate the silver ornaments and the uncoined silver hoarded by the people of India.

It remains to be seen how the closing of the mints to the free coinage of silver will be received by the conservative natives of India, and how far and in what direction it will affect the extensive hoarding which still prevails within the wide dominion of British India. It was stated before the silver commission by the financial secretary of the Government of India that the absorption of gold and silver into India had been in the last five years (1882–1886, both inclusive) 23,000,000 tens of rupees in each metal, including in the silver the coined silver, a great deal of which is for hoarding. This means that the imports of gold and silver still go to swell the hoarding, and thus pass in great measure out of circulation.

There seems to be some reason for hoping that the quantity of silver now obtainable for a tola (180 grains Troy) of gold will lure the hoarded yellow metal of India from its hiding places. On this subject the London Statist of May 19, 1894, says:

For some time past the natives of India have been selling gold for export, but quite lately the sales have become large, and the signs are that they will increase in the early future. Formerly a tola of gold was sold in India at from 15 to 16 rupees. The tola, it may be mentioned in passing, is the same weight as the rupee; practically, therefore, gold was to silver in India very nearly in the same ratio as it was in France. Gradually the price has risen until at the end of last week the tola sold for 31 rupees. Naturally the natives, seeing the price almost doubled, have been tempted to sell, and quite recently, as already said, the sales have become large. If this goes on we may be about to witness a very great change in Europe. According to the statistics

of Indian trade for the thirty-three years ended with March, 1892, India imported and kept during the thirty-three years about 126,000,000 sterling in gold. Previously there must have been a vast accumulation of the metal in India, and during the past two years the hoarding has been somewhat added to. It is clear, therefore, that the stock of gold existing in India at present must be enormous, even allowing for all the waste and all the loss that must have occurred.

### *CANADA.*

The production of gold and silver in the Dominion of Canada in the years 1886–1891, was, according to the Annual Report of the Geological Survey of Canada, 1890–'91, Ottawa, 1893:

| Years. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Weight. | Value.* | Weight. | Value. |
| | *Ounces.* | | *Ounces.* | |
| 1886 | 76,879 | $1,330,442 | ..... | $309,090 |
| 1887 | 66,270 | 1,178,637 | ..... | 349,330 |
| 1888 | 61,310 | 1,098,610 | ..... | 395,377 |
| 1889 | 72,328 | 1,295,159 | 383,313 | 343,843 |
| 1890 | 64,046 | 1,149,776 | 400,697 | 420,662 |
| 1891 | 51,303 | 930,614 | 414,523 | 406,233 |

*Nova Scotia gold at $19.50 per ounce; British Columbia, at $17.

The production of gold in the Dominion in 1893 as estimated by Mr. Elfric Drew Ingall, cited in the New York Engineering and Mining Journal, in charge of the division of mineral industries and mines, was—gold 51,609 ounces, of the value of $927,244, representing 1,395 kilograms fine, and silver, 414,975 ounces, of the coining value of $321,425, representing 7,734 kilograms.

The production of gold in 1892 in the Dominion had a value of $907,601, representing 1,365 kilograms; and silver, an estimated commercial value of $269,489, representing, at the average price of silver (78 cents) during the year, 345,500 ounces of the coining value of $446,700, corresponding to 10,748 kilograms.

For the production of Canada in 1892 this Bureau is indebted to the courtesy of Mr. Richard P. Rothwell, of New York.

### PARTICULARS OF THE PRODUCTION OF THE DOMINION.

#### I. CANADA IN GENERAL.

[From Board of Trade Journal, 1893.]

Next in importance as regards value among the minerals now being worked in Canada is gold, the production of which is confined almost entirely to British Columbia and Nova Scotia, though a small quantity is annually produced in Quebec, and it has also been obtained from some parts of Ontario. It may be that when the country north and west of Lake Superior is fully explored, valuable deposits of gold may be discovered, as it is known to exist in many localities and has been found in several places in small quantities. A small amount of gold is also obtained each year from the Saskatchewan River near Edmonton.

Gold was first discovered in British Columbia in 1857 in the Thompson River, near Nicoamen, and in Nova Scotia in 1860 near Tangier Harbor, since which date the value of the production in the latter province has been $9,877,693. British Columbia, since 1858, has produced $53,113,127, as near as can be ascertained, but as only an estimate can be made of the quantity carried away in private hands, the actual amount is probably larger.

The total production of gold in Canada was valued at $1,140,776 in 1890, as compared with $1,295,159 in 1889 and $1,098,610 in 1888.

### II. MINERAL PRODUCTION OF ONTARIO IN 1892.

The Toronto *Monetary Times* for the 29th September contains the following particulars of the mineral production of the province of Ontario for the year ended the 31st October, 1892, extracted from the second report of the Ontario bureau of mines:

* * * * * * *

Gold-mining was fairly active during the year, mostly in the way of development. The districts worked were Hastings County, East Algona, and Lake of the Woods. Nine companies mined 3,710 tons of gold ore, valued at $36,900. The Ophir mine, north of Thessalon, was bought by a Duluth syndicate for $100,000, and several shafts sunk with a good show. Treating works were being erected to be ready in August. The Creighton mines, west of Sudbury, had 63 men at work, and buildings were being erected. Three mines were being worked in Hastings, the pyritic ore being treated at one of them in a Crawford mill with satisfactory yield.

As one of the results of the depreciation of silver, nearly all the silver mines in the Lake Superior district have been idle all through 1892.

### III. GOLD-MINING IN NOVA SCOTIA IN 1892.

The following particulars of the results of the gold-mining industry of Nova Scotia in 1892 are extracted from the Canadian *Mining Review:*

Pending the issue of the official figures the best estimate places the yield of gold for 1892 at 22,000 ounces, as against 23,391 for 1891.

About four-fifths of this product is from the six districts of Oldham, Caribou (Moose River), Stormont, Malaga, Montagu, and Uniacke, each having a yield in excess of 2,000 ounces.

The district giving the largest production was Oldham, with a total of 3,100 ounces. This is the largest yield in the history of this district, which has steadily increased its product each year from a total of only 824 ounces in 1884 to 3,100 in 1892.

Caribou and Moose River have a total yield approximating 3,000 ounces, of which Caribou has about two-thirds and Moose River one-third.

### IV.—THE PRECIOUS METALS OF NEW BRUNSWICK.

Writing in the Canadian *Gazette* for the 1st December, 1892, a correspondent gives the following account of the wealth of New Brunswick in respect of the precious metals:

For some time the attention of the writer has been directed to a section of New Brunswick which lies 10 or 15 miles to the north of Bathurst on the Bay of Chaleur. In this district numerous veins or beds of ore have been found, and two or three companies have heretofore been organized with a view to "selling out." The region

is still covered by forest, which has been but little prospected, yet it bids fair at no very future day to become the means whereby much employment may hereafter be given to the industrious persons who reside on the shores of that beautiful bay.

My attention has been specially directed to the part of this metalliferous district which is intersected by the Little Nepisiquit, or Mill Stream, as it is sometimes called. At a distance of about 9 miles from the Intercolonial Railway on Rocky Brook, a branch of the Little Nepisiquit, a quartz ledge, 17 feet in breadth, crops out in a bluff of moderate elevation; this is bounded to the south by slates, which dip at a high angle. The boundary or wall of this quartz ledge to the north appears to be a compact felsitic rock. The ledge shows ore from wall to wall. The predominant mineral is iron sulphide, while the sulphide of lead occurs in it in strings or bunches. The yellow sulphide of copper is also found scattered through it, although in but small quantities. I did not notice any mass of rich ore on the face toward Rocky Brook, but no part of the quartz ledge for its whole breadth was barren; all of it showed more or less of the sulphides. The quartz of which this ledge is composed is of a blackish or bluish black color.

Some specimens broken by my companions in my presence, along the face, gave: Gold, 0.26 ounces per ton; silver, 14.20 ounces.

The assay in this case was made by Ricketts & Banks, the well-known chemists of New York. Other samples from the continuance of the vein taken some hundred feet east of Rocky Brook, and also in my presence, gave as follows; Gold, 0.7 dwts. per ton; silver, 14.3 ounces; lead, 12.63 per cent.

The samples in this case weighed 3 pounds, and the assay was made by Mr. Macintyre, F. C. S., of St. John.

Another specimen, 14¼ ounces in weight, also taken from the vein in my presence and assayed by the last-named chemist, gave: Gold, 0.87 dwt. per ton; silver, 18.3 ounces.

One hundred pounds of ore taken from an opening made in the vein a few hundred feet from Rocky Brook were forwarded by me to a friend at Newcastle-on-Tyne, who had an assay of an average sample of it made by Messrs. Cookson & Co., the result being 7 per cent of lead and 37½ ounces of silver per ton of ore; they did not test for gold. Some specimens said to have been taken from this vein and assayed by Mr. J. T. Donald, chemist, of Montreal, gave from 1 to 2 ounces of gold to the ton, the silver in some cases was given at from 40 to 60 ounces to the ton of ore. I have seen Mr. Donald's assays of these specimens, but they were sent to him by others, of which sending I have no personal knowledge, as was the case in the other instances above referred to.

That this district in New Brunswick is highly metalliferous is shown by the occurrence of a considerable vein of magnetite running parallel to the 17-foot ledge above mentioned, and I have also seen a vein of copper and iron pyrites about 3 feet in width, which is near the big ledge, and undoubtedly crosses Rocky Brook, because when I was at that stream last year, two men who were with me waded up the brook and returned with a fine piece of copper ore which weighed 20 pounds or more. This they had broken off a bowlder, which they told me was lying in the brook.

The course of these several veins is nearly east and west; the country here is Crown land, and, as mentioned above, it is covered by a vast forest, in which one might travel 100 miles without striking the clearing of a solitary settler.

### GOLD MINING IN SASKATCHEWAN.

During the nine months ending September 30, 1892, the Imperial Bank at Edmonton purchased $5,200 worth of gold amalgam. In the twelve months from November 30, 1891, to November 30, 1892, the amount purchased was $6,700. The price paid is $15 an ounce if the quantity is an ounce or over. If less than an ounce it is taken

at the rate of $14 an ounce. As some of the miners who take out the larger quantities of gold prefer to send it on their own account, it is fair to suppose that the total value mined last year would not be short of $10,000 and this year will show an equal result.

It is stated that this gold amalgam consists of washings of the auriferous sand found in the bed of the North Branch Saskatchewan River not far from Edmonton, in the territory of Saskatchewan. It has been treated with mercury, and the product, as it comes into the hands of the bank, consists of circular disks of an inch or inch and a half diameter, containing 90 per cent gold, and, say 5 per cent silver. Various have been the conjectures as to the exact situation of the rock from which these golden fragments have been washed down. (London Board of Trade Journal.)

*CHINA.*

Concerning the production of gold in China, in 1892, Mr. Charles Denby, United States minister to that Empire, writes:

No statistics as to the production of gold are to be had. The estimated amount last year (1892) was £1,080,000 ($5,255,820). This estimate will be found in "Les Annales des Mines," a French review. Concerning the production of 1893, he says simply, "No statistics."

For a series of years prior to 1892 it had been the custom of this Bureau to estimate the production of gold in China as being equal to the gold bullion exported from that country each year to Great Britain and British India. The practice was discontinued in 1893 for reasons stated in the Production Report for the calendar year 1892, pp. 68–70. Whether it should be resumed again involves the discussion of two questions:

(1) Does China produce gold in any considerable quantities?

(2) Do the exports of gold bullion from the country afford any safe basis for an estimate of such production?

The dropping of China in the last report of this Bureau upon the production of the precious metals by the Director (Mr. E. O. Leech) from the list of gold-producing countries has occasioned a certain amount of criticism in this country and Europe, both by statisticians and the press.

Thus the London *Economist* of August 19, 1893, observes:

* * * * * * *

It has long been a disputed question as to whether or not China produces any material quantity of gold. The United States Director of the Mint used to credit her with an annual production of between £1,000,000 and £2,000,000, but in his last report he stated that in deference to the criticisms of Dr. Soetbeer and other statisticians, he had ceased to credit China with any gold production. It appears, however, that the Director's critics have been mistaken, for, in a report to the Foreign Office, issued this week, Mr. W. Beauclerk, of our legation, at Pekin, states that "a large amount of gold comes to Pekin as dust from the washings on the Chinese side of the Amoor River." * * *

Here is what Mr. Beauclerk says in his report:

A large amount of gold comes to Pekin as dust from the washings on the Chinese side of the Amoor River, and partly smuggled across the Russian frontier. It is melted down in Pekin in the shape of small bars of 10 taels weight, about the size of a sponge-cake finger biscuit, and has nominally a percentage of 98½ pure gold.

The recent severe fluctuations in exchange have produced much gambling in gold here, and doubtless elsewhere in China. Foreign bankers buy gold bars to remit home in lieu of bills of exchange. By this system of "legitimate banking" every transaction is covered at once. Native bankers can not do this, so they hold the gold till its value is favorable to them, trusting to luck that the exchange may not go against them before they are forced to part with their bullion. The native banker has this advantage over his foreign competitor, that the latter must purchase gold at its present real value, whilst the former issues paper to the full amount of his credit and retains the gold until it is at a premium.

In Pekin there must be a huge amount of hoarded gold, for the officials who, in many cases, make very large fortunes out of their places, buy gold bars and secrete them, fearing to put their money into banks, because their superiors would discover its existence and confiscate the whole of it. Consequently, the officials are ready to pay a considerable premium for gold bars, and the Pekin market for gold always ranges from 1 per cent to 2 per cent higher than that of Shanghai. When silver is very cheap and gold correspondingly dear, the possessors of these hoards of gold realize a part of their property and buy in again on the recurrence of a low market (pp. 43, 44).

Other references to the existence of gold in China by Mr. Beauclerk are these:

The high price of gold in the west has caused a large efflux of the yellow metal from China in the shape of bullion (p. 15).

The Yangtze passenger traffic is continually increasing. There has been a large export of gold in expectation that the present low value of silver will not be permanent (p. 17).

Mr. Beauclerk's testimony is very recent evidence of the production of gold in China; but it must be noted that the fact of such production was not questioned, but rather insisted upon, in the last production report of this Bureau.

Confirmatory of what Mr. Beauclerk wrote in 1893 is what Prof. Suess wrote, in 1877, in his work, *Die Zukunft des Goldes* (The Future of Gold), p. 327, viz:

Gold is produced in several places in China. The writer Sung-Tseu mentions gold obtained from mines, gold washed from the sands of rivers, and gold dug from wells in plains. He states that gold is produced in over one hundred places in the empire, and that in the southwest gold mines over 100 feet deep are met with. The Kin-cha-Kiang or River of Gold sand yields almost all the gold of the river sand. At Pe-tsching-tscheu, below Li-kiang, the river makes a great bend of about 500 li, and is there dammed in several places for the obtaining of gold. In Tschuanpe, Tung-Tschuan, in Hu-kuang, Lang-lin, and Scho-pu, rich sands are washed. There are gold fields at Tan-Yai. In southern Tartary gold is obtained from excavations. In Honan and Kiang-si wells are dug in the plains, and a fine sand obtained therefrom is washed.

The largest part of the empire is, as Richthofen informs us, covered with sedimentary formations, and there is little probability of the occurrence of gold in these. The population are everywhere acquainted with the value of gold, and Sung-Tseu's data leave no doubt that, in the southwest, at least in the entire valley of the Yan-tse-kiang, the exploitation of gold is well advanced.

China must not be classed among the virgin land tracts. It exports no gold only because its small production as well as the quantities brought thither from California and Australia is taken up immediately by the dense population, and disappears in internal trade.

That China exports no gold is not true now, however it may have been in 1877, when Mr. Suess wrote the above.

Noback (*Münz-Maas-und Gewichtsbuch*, p. 412) wrote in 1876:

Formerly, and to some extent at present, gold and silver bars or ingots differing greatly in weight and value, were used as media of payment, in large commercial transactions. The gold bars weigh from one-half to 10 liang, gold weight (365.60 grams), and are generally from .920 to .980 fine. There is the so-called Pekin gold .980 fine and Su-tscheu-fu gold .970 fine. In Amoy the bars are small, .960 to .970 fine.

The following extracts from an article by Clark Ellis, entitled "Notes on the Progress of Mining in China," published in Vol. XIX, Transactions of the American Institute of Mining Engineers, corroborates the statement of the writers already quoted.

## NOTES ON THE PROGRESS OF MINING IN CHINA.

[From Transactions of the American Institute of Mining Engineers, Vol. XIX.]

*The Ning-Hai gold district.*—This district lies 30 miles southeast of the treaty port of Chifu. Supplies and heavy articles are taken to the mines from the steamer anchorage near Ning-Hai City, 15 miles distant. The geological formation of the district consists of granite, gneiss and mica slates, with occasional interbedded deposits of white crystalline marble and extensive quartzite ledges, which mark out some of the most prominent topographical features of the country. Such a ledge forms the backbone of the Chin-Niushan, or Mountain of the Golden Cattle, which is about 15,000 feet long. This quartz ledge rises out of a plain to the south 400 feet above sea level, and forms a series of cone-shaped hills, whose summits reach an elevation of 500 to 800 feet above the sea, while the gorges between them cut down nearly to the level of the plain. A tunnel has been opened on the ledge. Its course is south for 200 feet, cutting through the quartz ledges, of which there are two, and through the interlying granite and white kaolin selvages. The vein quartz is hard, and white to yellow in color; the sulphurets it contains are sometimes cubical crystals of pyrites and sometimes massive, forming pockets in the quartz. In its length the ledge shows a thickness varying from 10 to 80 feet; it is gold-bearing along its entire outcrop.

Besides the tunnel, extensive prospecting has been done along the whole length of the ledge, both recently under European direction and by the Chinese in olden times. The writer took and assayed twenty-five samples from this large deposit, which ran from 77 cents to $5.85 per ton. One assay of selected quartz from a pocket gave $24.75; the average of ten samples from the tunnel is $1.55; the average of thirteen samples from the outcrop is $2.19; and the general average of all the samples is $1.87 per ton, which is too low to warrant the erection of any but experimental works.

The plant on the ground consists of two 3-foot Huntington mills and two Frue vanners.

*The Ping-Tu gold district.*—The Ping-Tu group of mines is situated in the western part of the Shantung promontory, 30 miles from a steamer anchorage and 45 miles southwest of the Chao-Yuen group of mines. The immediate geological formation is gneiss, which, at a distance of 10 miles north and south of Ping-Tu, is cut by zones of highly metamorphosed limestone. The two hills which rise to the height of 220 feet above the shaft house are composed of distinctly bedded yellowish gneiss striking east and west, and intersecting the course of the vein, which is northeast and southwest. This leads to the belief that the Ping-Tu deposit is a true fissure

vein—one of the few that occur in eastern China—and this theory receives further support from finding breccia in the vein matter.

The mines have been worked by the Chinese for a number of years. Under European auspices and the superintendence of Mr. H. M. Beecher, of England, the systematic development of the mine at Ping-Tu was begun in 1886, and a 20-stamp mill, made by the Union Iron Works, of San Francisco, with eight Frue vanners and eight Hendy concentrators, was erected. After the mill was in operation, the hoisting arrangements were found inadequate to keep it supplied with ore, and a new $50,000 hoisting plant, with Ingersoll rock drills, was erected under the superintendence of Col. Ellsworth, of San Francisco.

The upper portion of the vein was quite rich. The writer was informed that the first clean-up amounted to $10,000. When in full operation the mine had a staff of twelve Americans, a very large Chinese clerical force, with its numerous servants, and the usual crowded labor underground and on the surface. As the mines increased in depth the ore carried less free gold and more sulphurets, and the amount of amalgam that could be scraped from the plates rapidly decreased. The foreign employés, always more or less dissatisfied with an unprofitable mine, gradually left, and their places were filled with Chinese who had but imperfect knowledge of amalgamation and the general working of a stamp mill. In the fall of 1889 supplies fell short, and, with the failure to receive coal, the mine pumps were stopped, and the workings allowed to fill with water.

The vein varies in width from 4 to 10 feet, and consists of quartz mineralized in the upper levels with carbonate of iron, and in depth with pyrites, some galena, and a little copper pyrites. In two years the product of the mill, with its 16 concentrators, amounted to 1,500 tons of concentrates, samples of which, taken from different parts of the pile, assayed as follows:

CONCENTRATES FROM PING-TU.

| Number. | Gold, ounces per ton. | Silver, ounces per ton. | Total dollars per ton. |
|---|---|---|---|
| 1 | 1.4 | 2.15 | 31.09 |
| 2 | 0.75 | 1.70 | 17.20 |
| 3 | 0.95 | 2.40 | 22.03 |
| 4 | 2.00 | 5.30 | 46.64 |
| 5 | 3.20 | 4.80 | 70.94 |
| 6 | 2.70 | 2.30 | 58.11 |
| 7 | 1.30 | 1.90 | 28.77 |

A sample taken by the writer as an average of the pile of 1,500 tons assayed gold, $36.31; silver, $2.94; total, $39.25 per ton. A small chlorination works, furnished with 1 reverberatory *Fortschaufelungsofen*, 1 chlorine generator, and 2 chlorinating and precipitating vats has been erected. Its daily capacity is 1 ton and about 100 tons of ore have been treated; but the process, though at first conducted under European supervision, was not a success, as the residues contained $26.87 in gold and $10.70 in silver per ton, so that if the richest concentrates—sample 5 of the assay, for example—were treated, about half the precious metals would be left in the residues. It is possible that the comparative coarseness of the concentrates and the low fineness of the gold and large proportion of silver may be responsible for this failure, as, according to Eissler (Metallurgy of Gold, p. 174), "gold of very low fineness, containing 40 to 50 per cent of silver, will probably resist the chlorination, unless it is in the finest state of pulverization, as the silver forms an impenetrable coating of chloride of silver, which can be dissolved only by a chlorinated solution of salt, which dissolves the chloride of silver and also that of gold."

The Ping-Tu mine is probably better equipped than any other metal mine in North China. Besides the fine noisting works and pumping machinery, it has an 18-inch tramway, 1,600 feet long, running to the mill, a well-appointed assay office, with a quicksilver retort, pumping machinery for the stamp heads, and a ditch supplying water to the concentrators; a dynamite factory with a capacity of 600 pounds per day, and a foreign two-storied house with glass windows and board floors, which is a structure rarely met with in China outside the treaty ports and missionary stations.

*The Chao-Yuen gold district.*—This district is situated 25 miles from the steamer anchorage at Hung-Kou and 18 miles from the large town of Huang-Hsien. The topography is extremely rugged. The granite flanks of the Lo-Shan range rise out of the great Shantung Plain, which, from an elevation of 500 feet at the base of the range, stretches away to the north and south in gradual descent to the sea. The rise of the range is rapid, the culminating points within a few miles of the base being the Lo-Shan, at 2,610 feet, and the Ying-Wan-Shan, at 2,230 feet. The bedding of the granite has a general strike of N. 45 E., and the quartz ledges, which are all apparently bed veins, take the same general trend, ranging from N. 30 E. to east.

No regular mining has been done, although prospecting has been carried on extensively. The best-developed ledges are the Ling-Lung-Shan, the Hung-Chin, and the Hei-Shi-Yeh-Ting. Ling-Lung-Shan is a large quartz ledge, varying in width from 50 to 75 feet, with an east and west course, and a dip of 80 degrees to the north. About 400 feet from the bed of the stream this ledge is faulted and thrown 100 feet to the northward. From the valley a tunnel has been driven for 75 feet through white and red quartz containing pyrites. Assays of two samples from the tunnel gave $1.08 and $1.38 in gold per ton. Near the crest of Ling-Lung-Shan the ancient Chinese have done a large amount of work. In some places the rock has been quarried; in others they have followed a streak of ore from 2 to 3 feet wide for distances of some hundred feet; and in another they have made an immense underground working 100 feet long by 50 feet wide, and with an arched roof standing insecurely 30 feet above. Near by there are other places that were probably such cavern workings, but as they have now fallen in they are inaccessible; 1,500 feet west of the tunnel is the Hung-Chin series of ledges, bordering each side of a narrow ravine, through which a stream of water flows. On the east side a well-developed ledge of snowy white quartz, 6 to 8 feet wide and nearly perpendicular, has been opened. Several assays yielded $1.28, $3.35, and $4.43 per ton.

A continuation of this ledge on the west side of the ravine, known as Yu-Tsu-Tien, shows about the same characteristics and an assay value of $4.43 per ton. Between these two openings is a vein differing from the first ledge slightly in its course, materially in its dip, and decidedly in the character of its ore. It consists of about 18 inches of massive white pyrites, with a little quartz, assaying $8.10, and below this a talcose rock 2 to 3 feet thick, assaying $27.77.

Ma-Ting lies 1 mile east of the tunnel and consists of openings in two parallel ledges of quartz, respectively 2 and 8 feet thick, and separated by a horse of granite 5 feet thick. These ledges strike east and west, and have a perpendicular dip. One assay gave $15.17 per ton.

The average of 19 gold-ore samples taken from prospect holes of this district is $5.86; and the average of 10 samples, containing over $2.50, is $9.79, or nearly half an ounce to the ton. This is well within the working limit, as the other surroundings are favorable. The location has sufficient water; an abundant and cheap fuel supply is assured from hills thickly clad with pine, and a passable cart road connects the mines with the seacoast, 25 miles distant, affording easy transportation for machinery, and, if necessary, for mineral fuel. In the writer's opinion, these conditions make the Chao-Yuen region one of the most promising he has visited in China.

*The Jê-Shui gold district.*—The gold workings of Jê-Shui, 35 miles north of Ping-Chuan-Chao, are carried on in a stockwork of quartz seams, occurring in gneiss rock. The mines have never been in the charge of foreigners, but are operated in a very small way by Chinese contractors, who allow coolies to work for a royalty of 20 per cent on the gross proceeds. Their method consists of digging narrow, winding burrows from the surface to the small quartz veins. All the work is done by gad and hammer, without the use of powder, and the output is very small.

The ore is carried in baskets to the hot springs of the Jê-Shui, where it is broken by hand to walnut size and then crushed in an ordinary Chinese mill. The latter consists of a flat millstone, with a wooden rod sunk in its center, around which turns a heavy stone roller set in a frame and drawn by a blindfolded donkey. The crushed ore is washed on inclined tables until the gold and magnetic sand are concentrated in a black powder. As much as possible of the magnetic iron sand is then carefully washed away, the operation taking place in bowls, and the remainder is extracted by hand, with the aid of a loadstone.

The writer sampled 9 of the workings by firing a blast in the burrow and taking all the rock that came down, without subjecting it to any picking process. The results are shown as follows:

| No. | Name of mine. | Weight of sample. | Gold per ton by assay. | | Gold obtained by Chinese washing. |
|---|---|---|---|---|---|
| | | *Pounds.* | *Ounces.* | | *Grains.* |
| 1 | Yang-Po | 319 | 1.17 | $24.11 | 36.00 |
| 2 | Hsi-Po | 142 | 0.58 | 12.05 | 23.26 |
| 3 | La-Ma | 100 | 1.50 | 30.99 | 3.90 |
| 4 | Chao | 150 | 0.58 | 12.05 | 6.91 |
| 5 | Kuo-Li | 198 | 2.00 | 41.34 | 10.30 |
| 6 | Licu | 145 | 2.00 | 41.34 | 28.46 |
| 7 | Wen | 135 | 0.50 | 10.33 | 7.81 |
| 8 | Shui | 74 | 0.42 | 8.61 | 1.49 |
| 9 | Mei | 229 | 0.33 | 6.89 | 7.24 |
| 10 | Selected sample | .... | 1.17 | 24.11 | ..... |
| 11 | Tailings from Chinese washings | .... | 0.42 | 8.61 | ..... |

Total weight of sample, 1,492 pounds. Average of first 10 samples per ton, 1.025 ounces. Average value of first 10 samples per ton, $21.18. Value of gold obtained by the Chinese in washing 1,492 pounds of ore, $5.40, or per ton, $7.24.

From all that has been said above it seems clear that China does produce gold, and in considerable quantities. But do the exports of gold from China afford a safe basis for an estimate of the gold product of that Empire? On this point the eminent English statistician and economist, Mr. Augustus Sauerbeck, F. S. S., writes to the Director of the Mint, under date of October 13, 1893:

* * * * * * *

There appears to be little doubt that gold is produced to some extent in China, and the district south of the River Amoor is specially mentioned, but also Korea and Formosa, but there appears to be no data whatever as to the total quantity. Small gold bars are circulating freely in China, and are hoarded, and there must in addition be a not inconsiderable consumption for ornaments, gold leaf, etc. It is not very likely that all this, and the exports as well, should be supplied by Chinese emigrants and should already be counted in the American and Australian production. The figures are by far too large. To take simply the total imports as production of

China, as has been done in the former reports of your office, and also by Prof. Lexis, must necessarily be erroneous, as on the average fully one-half of the British imports consisted of sovereigns and other foreign coins, which can not possibly be counted as Chinese production. The Indian Government does not distinguish between coin and bullion, but it is quite possible that a portion of the imports also consists of coin, as the English sovereign circulates everywhere.

I inclose a list of imports into the United Kingdom and India. The most perplexing part is the great variation in the imports into the United Kingdom, for instance from 1884 to 1885, 1888 to 1890, 1890 to 1892. The large figures last year * may have been caused by the Austrian demand, and much of the gold may have come out of hoards. The imports for the first eight months this year are only one-half of what they were last year. The figures for single years are, therefore, almost useless, and better results may, perhaps, be obtained for average periods. Making allowance for gold imported into China, and assuming that three-quarters of the imports of bullion into England and of the total imports into India are derived from Chinese production, we obtain the following estimates:

Average 1881–1885, 204,000 standard ounces, or 5,800 kilos fine.
Average 1886–1890, 218,000 standard ounces, or 6,200 kilos fine.
Average 1891–1893, 286,000 standard ounces, or 8,000 kilos fine.

(1893 estimated equal to 1891.)
This is without the consumption in China.

The method pursued by this Bureau, therefore, prior to 1893, in estimating the annual production of gold in China has the approval of Mr. Sauerbeck, save that in making the estimate of the same he would add only two-thirds of the bullion thence exported to England to the entire amount exported to India, and would make the product of any one year consist of the average of such sums for a series of years, five, for instance, rather than of their sum for that one year, and would not include the coin exported from China to Great Britain in the estimate.

(It is proper to note here that in the early data received by this Bureau of the exports of gold from China to England no separation was made of coin from bullion, the whole being returned as simply "gold exported.")

One objection to this modification of the method recommended by Mr. Sauerbeck is that there seems to be no sufficient reason why only two-thirds of the export of gold bullion to England should be taken into consideration in the calculation. Another objection is, that if the sum of the total exports gives too large an estimate by one-third of the exports to England, it gives too small an estimate by the amount of the annual product of the Chinese mines, which does not leave the country and which is employed either in the industrial arts or in some other way, and of which no statistics are obtainable. Is it probable that the amount of the annual gold product of China employed in the

* On this subject the London Board of Trade Journal, June, 1893, p. 674, says:

"The high price of gold in the west has caused a large efflux of gold from China, the gross export of gold bullion during the past three years being haikwan taels, 1,788,000 in 1890; haikwan taels, 3,736,000 in 1891, and haikwan taels, 7,678,000 in 1892. The net recorded export of treasure for the year was haikwan taels 7,332,000 in gold, and haikwan taels 4,825,000 in silver, together making a total of haikwan taels 12,167,000."

arts and otherwise, in that vast Empire, every year is less than one-third of the amount of gold bullion it exports to great Britain during the same period?

The gold exported to China is either (1) gold recently produced in China itself, or (2) gold carried into China by Chinese laborers in Australia or California, or smuggled from Siberia, Korea, or elsewhere, and which has escaped being recorded as Australian, American, Korean, or Russian gold, (3) or gold of Chinese or foreign unrecorded production which had long been hoarded in the Empire.*

If it belongs to the first class of gold above described it, certainly, should be classed as gold of Chinese production; if to the second, it should be awarded a place somewhere in the world's production of that metal, and since it has not been credited to the country in which it was mined, there is no duplication in the sum total of the world's annual production in crediting it to China; while, if it belongs to the third class, it must be considered, for all the purposes of western civilization, and for all the purposes for which the statistics of the production of the precious metals are so industrially collected, and which alone gives such statistics a value, gold newly produced in China just as much as if it were recently washed from the sands of a Chinese river or crushed from the rocks of a Chinese mountain.

Whether the estimate of the annual production of China is made from the exports of each year or from the average of a series of years, as suggested by Mr. Sauerbeck, is a matter of secondary importance, and one which need not be dwelt upon. It would seem from all that has been said that the method pursued by this Bureau up to last year in estimating the gold production of China—only the gold bullion and not the gold coin exported to England entering into the estimate—is sufficiently safe to afford trustworthy results, and will, therefore, be followed in this report.

The views above expressed are shared by Mr. Giffen. In his evidence before the English gold and silver commission (*see* First Report, p. 21) he says:

> The one point which Dr. Soetbeer seems to have omitted, and it is mentioned by himself quite fairly—one of his great merits is that he is perfectly candid with reference to all the information that he gives—he omits giving any estimate for China, which, I believe, is to some extent both a gold-producing and a silver-producing country, though, of course, no one knows how much China really produces. * * * If one reads the books of some travelers, as I have done, you find reference a great deal to worked-out mines of silver and gold in China, and you do not get so much evidence as to what is actually being done. But I may say that I have got here a statement with reference to the import and export of gold into and from China. The Chinese official figures are hardly sufficient to enable one to make a statement of this kind; in fact, they are very unsatisfactory on the subject of the imports and exports of bullion. But I have taken the trouble to examine the statistics of the chief countries with which China trades, which I take to be the United Kingdom, France, British India, and the United States, and by working the figures in the

* It is not *probable that much* foreign gold coin is melted down in China.

reverse way I have obtained some idea as to the movement of bullion between China and those countries. I am speaking of gold at present. I have taken the trouble to work it out, and, according to this, it would seem that China exports on balance to the chief countries it trades with every year from about £1,000,000 to £2,000,000 of gold. * * * Of course, one can not tell whether China is exporting out of a very ancient store, or whether it may not get gold from some other country that we have not thought of, but it seems to me that, in fact, China may contribute to the general gold market of the world by a certain export.

But it is a mistake to suppose that the late Dr. Soetbeer ever condemned this method of estimating the gold product of China. In an article on the production and employment of the precious metals, published by him in Hildebrand's Jahrbücher in 1891, he says:

In his testimony before the English gold and silver commission, Mr. Giffen first called attention to the large gold product of China, the approximate amount of which, in the absence of satisfactory information from China itself he deduced from the registers of imports of the United Kingdom and British India.

According to his calculation, the value of gold put upon the market by China, was:

| | |
|---|---|
| 1881 | £1,500,000 |
| 1882 | 1,274,000 |
| 1883 | 1,290,000 |
| 1884 | 1,492,000 |
| 1885 | 2,025,000 |

For subsequent years we have the following figures:

| Years. | Imports of gold into Great Britain from China. | Imports of gold into British India from China. | Total gold imports. | Gold export from San Francisco to China. |
|---|---|---|---|---|
| 1886 | £1,158,300 | £1,116,100 | £2,274,400 | £59,000 |
| 1887 | 1,051,500 | 925,200 | 2,076,700 | 77,000 |
| 1888 | 1,052,700 | 974,700 | 2,027,400 | 87,100 |
| 1889 | 598,100 | 935,300 | 1,533,400 | 74,100 |

In the case of imports into British India, the fiscal years are put to the account of the terminal year; for instance, 1885–'86 to the account of the calendar year 1886. The export of gold from Great Britain and India to China is altogether insignificant. In the calculation of the weight in kilograms of fine gold from the values, the pound sterling is reckoned at 7.32 grams.

In the year 1890, the export of gold from California to China was larger, namely, £124,754.

According to this, in the table of the world's production of gold, China's presumptive share would have to be as follows:

| Year. | Kilograms. | Year. | Kilograms. |
|---|---|---|---|
| 1881 | 11,000 | 1886 | 16,000 |
| 1882 | 9,000 | 1887 | 14,000 |
| 1883 | 9,400 | 1888 | 14,000 |
| 1884 | 10,900 | 1889 | 10,000 |
| 1885 | 14,000 | | |

And Dr. Soetbeer actually inserts these figures in his own table of the world's production of gold, to be found in the same article. They are, however, too large, because they embrace not only the gold bullion but also the gold coin, English and other, exported from China to Great Britain. Had the latter been separated from the former in the record of exports, there could have been no danger of considering them Chinese production.

True, in his last work, *Literaturnachweiss uber Geld-und Münzwesen*, Dr. Soetbeer, referring to the items of the world's gold product, published in the report of this Bureau, says:

> The estimate of the gold output of China (1889, 13,542 kilograms, and 1890, 8,020 kilograms), according to the imports of gold into England and India from China, seems to us venturesome and unsafe.

He gives no reason for this criticism, and leaves us to infer that it is made simply because of the great difference between the two years—13,542 kilograms in 1889, and only 8,020 kilograms in the succeeding year.

In "an unpublished article" by Dr. Soetbeer, written in 1888, a copy of which he transmitted to the Bureau of the Mint, speaking of Chinese production, he says:

> It has already been mentioned how the production of gold in the Chinese Amoor district rapidly acquired a great development a few years ago, and how the quantities yielded there soon stopped taking the road over Russia for the road to the Chinese harbors. The increase of exportation of gold from all Chinese harbors amounted, according to the customs records, in the year 1885 to 2,137,000 taels, nearly 5,000 kilograms; but this figure is too low, as a great deal of gold is exported without being declared. Gold was imported from China as follows:

| Into Great Britain. | | Into British India. | |
|---|---|---|---|
| | *Pounds sterling.* | | *Rupees.* |
| 1885 | 1,190,743 | 1884–'85 | 9,258,330 |
| 1886 | 1,158,297 | 1885–'86 | 11,161,143 |
| 1887 | 1,051,520 | 1886–'87 | 9,251,500 |
| 1888 | 1,052,741 | | |

> According to this, China has, from 1885 to 1887, sent annually to the gold market a quantity of over 15,000 kilograms, obtained principally from its own mines, for the amounts of gold which the Chinese gold-diggers may have brought home with them from Queensland can not have added greatly to this large sum. The exportation of gold from China to England reached large dimensions for the first time in 1885, while the importation of gold from China into India played an important part for a long period.*a* The production of gold in China has thus far received but little of the attention it deserves. We should have placed it at a still higher figure in our own tables than we have done, were it not that we desired to avoid the reproach of exaggeration and of insufficient explanation. Whether the production of gold in China will be able permanently to maintain the dimensions it reached during recent years is very doubtful.

*a* The average importation of gold from China during the years 1879–'80, 1883–'84, into British India amounted to 13,460,000 rupees, and the importation of gold into England from China during the same period to only £98,500.

The following is the table referred to by Mr. Sauerbeck in the letter from him quoted above:

IMPORTS OF GOLD FROM CHINA.

| Years. | Gold coin. | Gold bullion. | Into United Kingdom. | | Into India. | | |
|---|---|---|---|---|---|---|---|
| | | | Total. | | Year ending March 31, following. | Average exchange (pence per rupee). | Estimated standard ounces. |
| | *Ounces.* | *Ounces.* | *Ounces.* | | *Rupees.* | | |
| 1881 | 4,849 | 138 | 4,987 | £19,954 | 13,770,000 | 19.9 | 298,000 |
| 1882 | 1,555 | 45 | 1,600 | 6,243 | 11,680,000 | 19.5 | 244,000 |
| 1883 | 44,816 | 4,900 | 49,716 | 193,552 | 13,605,000 | 19.5 | 284,000 |
| 1884 | 17,601 | ..... | 17,601 | 68,521 | 9,260,000 | 19.3 | 191,000 |
| 1885 | 178,725 | 126,587 | 305,312 | 1,190,743 | 11,160,000 | 18.3 | 219,000 |
| Total | 247,546 | 131,670 | 379,216 | 1,479,013 | ..... | ..... | 1,231,000 |
| Average | 49,509 | 26,334 | 75,843 | 295,803 | ..... | ..... | 246,200 |
| 1886 | 144,224 | 152,678 | 296,902 | 1,158,297 | 9,250,000 | 17.4 | 172,000 |
| 1887 | 106,650 | 162,964 | 269,614 | 1,051,520 | 9,747,000 | 16.9 | 176,000 |
| 1888 | 166,688 | 103,019 | 269,707 | 1,052,741 | 9,353,000 | 16.4 | 164,000 |
| 1889 | 91,305 | 62,058 | 153,363 | 598,130 | 13,347,000 | 16.6 | 237,000 |
| 1890 | 29,609 | 37,063 | 66,672 | 260,026 | 9,634,000 | 18.1 | 187,000 |
| Total | 538,476 | 517,782 | 1,056,258 | 4,120,714 | ..... | ..... | 936,000 |
| Average | 107,695 | 103,556 | 211,251 | 824,143 | ..... | ..... | 187,200 |
| 1891 | 155,331 | 136,047 | 291,378 | 1,136,204 | 12,003,000 | 16.7 | 215,000 |
| 1892 | 249,783 | 339,665 | 589,448 | 2,298,128 | 6,521,000 | 15. | 105,000 |

Taking the gold bullion exported to Great Britain and adding it to the gold exported to India from China, gives the estimated gold product of China, as seen in the following table:

PRODUCTION OF GOLD IN CHINA.

[Calculated from the data furnished by A. Sauerbeck, for the years 1881–1892.]

| Years. | Standard ounces (916⅔). | Fine ounces. | Value. | Kilograms fine. |
|---|---|---|---|---|
| 1881 | 293,138 | 268,709.83 | $5,554,725 | 8,358 |
| 1882 | 244,045 | 223,707.92 | 4,624,453 | 6,958 |
| 1883 | 288,900 | 264,825.00 | 5,474,419 | 8,237 |
| 1884 | 191,000 | 175,083.33 | 3,619,294 | 5,446 |
| 1885 | 345,587 | 316,788.08 | 6,548,591 | 9,853 |
| 1886 | 324,678 | 297,621.50 | 6,152,382 | 9,257 |
| 1887 | 338,964 | 310,717.00 | 6,423,090 | 9,664 |
| 1888 | 267,019 | 244,767.42 | 5,059,792 | 7,613 |
| 1889 | 299,058 | 274,136.50 | 5,666,904 | 8,527 |
| 1890 | 224,063 | 205,391.08 | 4,245,810 | 6,388 |
| 1891 | 351,047 | 321,793.08 | 6,652,053 | 10,009 |
| 1892 | 444,665 | 407,609.58 | 8,426,033 | 12,678 |

### *CHILE.*

The production of silver in Chile in 1892 may be estimated as follows:

EXPORTS DURING THE YEAR BY THE COMPAÑIA BENEFICADORA.

| | | |
|---|---|---|
| Huantajaya | kilograms of pure silver.. | 30,595 |
| Iquique | do.... | 15,791 |

A total of 46,386 kilograms, representing a value of $1,927,802. These figures are given on the authority of the Handels-Archiv, August, 1893, page 322. The total value of these exports, according to the same, was 3,262,440 pesos, making the kilogram worth in Chilean paper money 70.33 pesos.

Besides this export of pure silver there was an export of silver sulphurets of 8,500 kilograms, of the value of £49,000. This, at the average price of silver in 1892 of 39.753*d.*, would represent 295,826.73 ounces British standard or 273,639.73 ounces fine, equal to 8,513 kilograms. Thus the total silver product of Chile in 1892 would be 54,899 kilograms fine, of the value of $2,281,602.

The Handels-Archiv remarks:

> The mining of silver is destined to play an important part in Iquique. That industry reaches larger dimensions from year to year. During the year 1892 the silver mines of that province paid dividends of between 30 and 40 per cent, and promise similar results in the future.

The Chilean silver output of 1893 is assumed, in the absence of returns, to have been the same as in 1892.

The production of Chile in 1890 and 1891 is given in the Report on the Production of the Precious Metals for 1892 at the value of $3,063,000 and $2,942,000 for those years, respectively, and the weight in kilograms fine in the table of the world's production for that year was deduced from these values, which are the values in Chilean paper pesos for those years and unsafe ones from which to calculate the fine weight. This was only 39,403 kilograms, of the coining value of $1,637,589, and 33,714 kilograms, of the coining value of $1,401,154, in those years, respectively, to which latter figures the production of Chile for 1890 and 1891 should be changed. (*See* Handels-Archiv, 1892, Vol. II, p. 488.)

### *COLOMBIA.*

The following is from the dispatch of Mr. John T. Abbott, U. S. minister to Colombia, in answer to the interrogatories relating to the production of gold and silver in that Republic for 1891:

> Through the office of finance of Medellin (department of Antioquia) there were exported in 1891, in gold and silver bars (value in gold), $3,354,362, and in 1890 $3,205,517; difference in favor of 1891, $148,845.
>
> Silver ore of the Frias mine (owned by the Tolinea Mining Company) exported in 1891 £100,000; exports from the same source in 1890, £58,000; difference in favor

of 1891, £42,000 ($210,000), which, added to the former sum of $148,845, gives in favor of 1891 $358,845. The product of the mines of Darien diminished, say, $18,845; remainder in round numbers, $340,000.

In other localities, I believe, there has been no substantial increase or decrease in the production of these two metals, and the total output (in 1891) may be expressed in the following figures:

| | |
|---|---|
| Production of gold mines | $3,472,000 |
| Production of silver ore exported | 620,000 |
| Bars of silver and gold-bearing silver exported | 678,000 |
| Total (in gold coin) | 4,770,000 |

These figures constituted the basis on which the estimate of the gold and silver output of the country for 1891 was made.

No returns of the production of the precious metals in Colombia for 1892 have been received, and it is assumed, in the table of the world's production in this report, to be the same as in 1891.

With respect to the exportation of gold and silver from Colombia in 1893, this Bureau has received the following:

EXPORTATIONS OF GOLD AND SILVER FOR THE YEAR 1893.

[According to data received from custom-houses.]

| | Custom-houses. | | | | | Total. | |
|---|---|---|---|---|---|---|---|
| | Barranquilla. | | Buenaventura. | Cartagena. | Tumaco. | | |
| | Kilograms. | Value. | Value. | Value. | Value. | Kilograms. | Value. |
| Mineral, auriferous | 138.542 | $34,560 | | | | 138.542 | $34,560 |
| Gold dust | | 120,380 | $250,931 | $105,864 | $167,967 | | 645,142 |
| Gold in bars | | 2,109,370 | | 12,283 | | | 2,121,653 |
| Gold, coined | | 17,235 | | 660 | 139 | | 18,034 |
| Gold and silver | | 91,471 | | | | | 91,471 |
| Mineral argentiferous | 3,134.381 | 733,386 | | | | 3,134.381 | 733,386 |
| Silver in bars | | 580,074 | | 3,130 | | | 583,204 |
| Silver, coined | | 118,913 | 4,611 | | 1,932 | | 125,456 |
| Total | 3,272.923 | 3,805,389 | 255,542 | 121,937 | 170,038 | 3,272.923 | 4,352,906 |

The December data has not been received, nor the data from Cartagena from August to December. No gold or silver was exported from any custom-house not mentioned in the above table.

The custom-house data does not express separately what corresponds to each one of the metals of this record.

Basing the estimate of Colombia's output of gold in 1893 on the exports of that metal in various forms, the yield may be thus summarized:

| | |
|---|---|
| Auriferous mineral | $34,560 |
| Gold dust | 645,142 |
| Gold bars | 2,121,653 |
| Gold and silver bars | 91,471 |
| Total | 2,892,826 |

Corresponding to a weight of 4,353 kilograms of fine gold.

The output of silver in 1893 was composed of the following items:

| | |
|---|---|
| Argentiferous mineral | $733,386 |
| Silver bars | 583,204 |
| Total | 1,316,590 |

As the value of this silver is expressed in gold, it must be taken to be commercial value. The average commercial value of silver during the year 1893 was $0.78, which would make $1,316,590 represent 1,687,936 ounces or 52,511 kilograms fine, of the coining value of $2,182,382.

The value of the silver exports in 1891, viz, $1,298,000, was assumed to be coining value, whereas as it is expressed in gold it must have been commercial, and at the average price of silver in 1891 ($0.988) it represented 1,313,765 ounces or 40,871 kilograms fine, of the coining value of $1,698,605, at which corrected figures Colombia's silver output in 1891 appears in the table of the world's production of gold and silver in this report.

*ECUADOR.*

The Bureau has received the following from the United States consul at Guayaquil:

UNITED STATES CONSULATE-GENERAL,
*Guayaquil, February 23, 1894.*

SIR: I send you herewith, as lately directed by the honorable Secretary of State, statistics of the production and consumption of the precious metals.

Very respectfully,

GEO. G. DILLARD,
*Consul-General.*

THE DIRECTOR OF THE MINT.

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PRODUCTION OF GOLD AND SILVER IN ECUADOR DURING THE CALENDAR YEAR 1893.

The commercial value of pure gold produced in the mines of Ecuador during 1893, and exported, was $52,000. No silver in the pure metal was produced. Silver ore to the commercial value of 26,715.59 marks, or say, about $6,000, was exported to Germany to be assayed.

About $27,000 worth was the output of gold from the refineries at the mines during 1893. There are no refineries at the silver mines.

The product of gold in Ecuador in 1893 appears in the table of the world's production of the precious metals in this report at $52,000, representing 79 kilograms fine. The product of silver of $6,000 commercial, or $9,945 coining value, represents 239 kilograms of fine silver, at which figure it appears in the table.

*FRANCE.*

The production of France in 1891, was: Gold, 220 kilograms of the value of 704,000 francs; silver, 71,303 kilograms, of the commercial value of 11,408,480 francs.

In 1892 it was: Gold, 210 kilograms, of the value of 672,000 francs; silver, 103,000 kilograms, of the value of 14,970,815 francs.

This would give the gold a value in 1891 of $135,872, representing 204.4 kilograms fine, and in 1892, of $129,696, representing 195.1 kilograms fine.

As the silver in both years was probably of the fineness of .900 (French standard), the number of fine kilograms produced in 1891 was 64,172.7 of the coining value of $2,667,017; and in 1892, 92,700 kilograms fine, of the coining value of $3,852,612.

In the absence of returns for 1893, France's production for that year is assumed to be the same as in 1892, in the table of the world's production of gold and silver in this report.

### *GREAT BRITAIN.*

The gold produced from the mines of the United Kingdom in 1892 amounted to 88.178 kilograms, of the value of £10,511; and the silver to 8,437.104 kilograms, of the value of £44,998.

In fine weight the gold product was 77 kilograms, of the value of $51,200; and the silver product 5,270 kilograms, of the value of $219,000.

The gold produced from the mines of the United Kingdom in 1893 amounted to 63.64 kilograms fine, of the value of $42,295; and the silver to 7,886.12 kilograms, of the value of $327,747.

The production of Great Britain for 1892 and 1893 appears in the table of the world's production of gold and silver, in this report, at these figures, which were officially communicated to this Bureau.

### *GERMANY.*

It is a subject of no small gratification to this Bureau that it is able, in this report, to give Germany's production of gold and silver from its own mines for the years 1892 and 1893. The United States ambassador at Berlin has obtained the following information from the Imperial Government:

The production of gold by the refineries, from ores, slag, and refuse, in the German Empire during the years 1892 and 1893 was:

*Pure gold.*—In the year 1892, 3,859.2 kilograms (of the value of 10,735,775 marks), of which 718 kilograms were obtained from ores imported from countries outside the Zolleverein.

In the year 1893, 3,073.53 kilograms (of the value of 8,552,817 marks), of which 818 kilograms were obtained from ores imported from countries outside the Zolleverein.

*In pure silver.*—In the year 1892, 489,350.49 kilograms (of the value of 57,228,687 marks), of which 277,234 kilograms were obtained from ores imported from countries outside the Zolleverein.

In the year 1893, 449,332.59 kilograms (of the value of 47,064,740 marks), of which 251,062 kilograms were obtained from ores imported from countries outside the Zolleverein.

The selling value at the place of origin is the value adopted in these valuations.

As the Zolleverein embraces all the gold and silver mining districts of the German Empire, the production of the precious metals in Germany may be obtained by deducting the amounts extracted from foreign ores from the total amounts smelted, which gives, for 1892, a gold product of 3,141.2 kilograms, of the value of $2,087,642; and a silver product of 212,116.49 kilograms, of the coining value of $8,815,561, and for 1893, a gold product of 2,255.3 kilograms of the value of $1,498,872; and a silver product of 198,270.49 kilograms, of the coining value of $8,240,122; at which figures it appears in our table of the world's production of gold and silver in this report.

In the report of this Bureau on the production of gold and silver in 1892, p. 73, the then Director of the Mint, Mr. E. O. Leech, says:

> Although Germany smelted 3,077 kilograms of gold in 1891, it produced scarcely any from its own mines, and is, therefore, credited with none in our table of the world's production of gold and silver.

It is probable that Germany produced gold from ores derived from its own mines to about the same amount as in 1892.

In the light of the figures furnished by the Imperial Government for 1892 and 1893, it would seem that Germany's gold product in 1891 was not less than 2,359 kilograms of pure gold. This figure is reached by assuming that the gold smelted from foreign ores in Germany in 1891 was the same as in 1892, and deducting it from the total amount refined in that year, viz: 3,077 kilograms.

On the method followed by the Bureau of the Mint in calculating the production of the precious metals in Germany see the report on the Production of Gold and Silver in the United States, 1891, pp. 76–84.

Concerning the production of the precious metals in Germany Dr. Soetbeer wrote in the second edition of his Materialien:

> At present Germany produces about 9 per cent of the total product of silver.* Such gold as is produced in Germany is obtained, with insignificant exceptions, by separation from silver and silver ores, or from copper and copper ores. The German refining works have attained extraordinary skill in such work, and of the silver produced in German works a considerable part comes from the imported ores. Exact statements as to the extent of this importation are lacking since 1876. For that year (1876) the official statistics stated the production of silver from foreign ores to be 16,633 kilograms. Trustworthy estimates indicate that in 1878 this product had risen to about 43,500 kilograms. For the year 1884 it is estimated that silver production in Germany was about 160,000 kilograms from domestic ores and 88,000 kilograms from imported ores.

* He here refers to the product of German smelting works.

And in 1891, he wrote:

The German smelting works produced silver and put it on the market as follows:

| Years. | Kilos. | Value. | Price per kilo. | Years. | Kilos. | Value. | Price per kilo. |
|---|---|---|---|---|---|---|---|
| | | *Marks.* | *Marks.* | | | *Marks.* | *Marks.* |
| 1851–1860 | 55, 235 | 9, 943, 000 | (180) | 1885 | 309, 418 | 44, 137, 791 | 143 |
| 1861–1870 | 78, 722 | 14, 170, 000 | (180) | 1886 | 319, 598 | 42, 707, 549 | 134 |
| 1871–1880 | 143, 080 | 25, 754, 000 | ..... | 1887 | 367, 633 | 48, 158, 010 | 131 |
| 1881 | 186, 990 | 28, 514, 081 | 152 | 1888 | 406, 603 | 51, 476, 288 | 126½ |
| 1882 | 214. 962 | 32, 763, 057 | 152 | 1889 | 403, 037 | 50, 812, 728 | 126 |
| 1883 | 235, 062 | 35, 087, 897 | 150 | 1890 | 402, 256 | 56, 060, 135 | 142 |
| 1884 | 248, 116 | 37, 055, 861 | 150 | | | | |

In order to avoid all misunderstanding, it must be expressly pointed out that in ascertaining the production of silver in Germany only the amounts of silver produced by the smelting of ores, sweeps, or dross, but not the quantities obtained by the mere remelting or refining of ready metal, are given.

Even in former times considerable quantities of foreign silver ores were smelted in Germany, together with German ores, but the smelting of domestic ores was the main thing. During the last ten years, about, this state of things has changed very much and the working of imported foreign ores has preponderated more and more. Up to the year 1876 the official mining statistics contained detailed information on this subject, and the amount of silver obtained in Germany from foreign silver ores in that year was calculated at 16,633 kilograms. Since then no distinction of the production according to the origin of the ores has been made, because the reports of various smelting works furnished no satisfactory material on the subject.

Speaking, in 1891, of the statistics of the production of the precious metals published by the bureau of the mint, he says:

In the tables of the reports issued by the bureau of the mint, the production of the precious metals is given according to mining countries, and is based on the amounts exported from such countries, while our estimates and tables leave out of consideration the quantities of the exported precious metals contained in the ores and metallic products of the several mining countries, but credit the amounts of silver and gold extracted from imported ores in smelting works and parting establishments to the countries in which such establishments are located, that is, to those countries that put the finished product on the market.

How great variations are caused partly by this difference in the mode of calculation is most apparent in the case of Germany, and we shall notice and explain it right here.

The production of the precious metals in Germany, in the years 1888 and 1889, is given in the reports of the bureau of the mint and in our tables as follows:

| Year. | Our statistics. | | Bureau of the mint statistics. | |
|---|---|---|---|---|
| | Gold. | Silver | Gold. | Silver. |
| | *Kilos.* | *Kilos.* | *Kilos.* | *Kilos.* |
| 1888 | 1, 793 | 406, 603 | 1, 793 | 32, 051 |
| 1889 | 1, 958 | 403, 037 | 1, 958 | 32, 049 |

Our data are taken from the publications of the imperial statistical bureau, based on the reports handed in by the smelting works in the German Empire. So far as gold is concerned, these data have been adopted unchanged in the statistics of the

Director of the U. S. Mint; in the case of the production of silver in Germany they give only the amount which is presumed to have been obtained from domestic German ores. There is, apparently, a want of consistency here, for the quantity of gold cited as of German production consists, undoubtedly, of gold obtained from imported gold and silver ores and from foreign copper products in a still greater proportion than does the silver from imported argentiferous ores. According to the method of calculation of the bureau of the mint, the silver furnished by the German smelting works should, as far as it has been extracted from foreign ores, be distributed among the several countries that have produced ores—Chile, Bolivia, Colombia, Mexico, etc.

If it were possible to do this with entire accuracy, the same result would be reached by both methods, but it is clear that the determination of the actual production of silver, according to the positive yield of the smelting works, is easier and safer than according to an estimate of the silver contents of the exported ores.

This criticism of Dr. Soetbeer induced this Bureau in 1891 to endeavor to ascertain approximately the silver product of Germany; and by the methods then adopted its silver product for the years 1887–1892 was given as—

| | Kilos. |
|---|---|
| 1887 | 197,023 |
| 1888 | 214,807 |
| 1889 | 192,794 |
| 1890 | 182,087 |
| 1891 | 186,636 |
| 1892 | 184,818 |

The estimate for 1887 and 1888 was reached by a mathematical process somewhat different from that employed in making the estimates for the succeeding years. (*See* Report on the Production of the Precious Metals, 1891, pp. 76–84.)

The following tables are added in continuation of those in the production report for 1892:

PRODUCTION OF THE GOLD AND SILVER ORES OF THE MINES OF GERMANY, FROM 1882 TO 1892, INCLUSIVE.

[Tons of 1,000 kilograms.]

| Years. | Quantity. | Value. | Years. | Quantity. | Value. |
|---|---|---|---|---|---|
| | *Tons.* | *Marks.* | | *Tons.* | *Marks.* |
| 1882 | 22,977 | 4,331,244 | 1888 | 20,389 | 4,069,000 |
| 1883 | 25,302 | 4,400,466 | 1889 | 22,264 | 4,042,000 |
| 1884 | 25,186 | 4,818,960 | 1890 | 21,360 | 4,584,000 |
| 1885 | 24,560 | 4,289,875 | 1891 | 22,569 | 4,607,000 |
| 1886 | 21,230 | 4,478,421 | 1892 | 19,319 | 3,665,000 |
| 1887 | 25,725 | 4,177,720 | | | |

The following table shows the product of gold and silver by the smelting works of Germany from 1878 to 1893:

PRODUCTION OF GOLD BY SMELTING WORKS IN GERMANY.

[Monatshefte zur Statistik des Deutschen Reichs.]

| Year. | Gold production. | Year. | Gold production. |
|---|---|---|---|
| | *Kilograms.* | | *Kilograms.* |
| 1878 | 378.5 | 1886 | 1,064.9 |
| 1879 | 406.7 | 1887 | 250.7 |
| 1880 | 463.0 | 1888 | 1,792.65 |
| 1881 | 380.6 | 1889 | 1,958.13 |
| 1882 | 376.1 | 1890 | 1,855 |
| 1883 | 457.3 | 1891 | 3,077 |
| 1884 | 555.0 | 1892 | 3,858.2 |
| 1885 | 1,878.5 | 1893 | 3,073.58 |

PRODUCTION OF SILVER BY SMELTING WORKS IN GERMANY.

[Monatshefte zur Statistik des Deutschen Reichs.]

| Year. | Fine silver. | Value. | Year. | Fine silver. | Value. |
|---|---|---|---|---|---|
| | *Kilograms.* | *Marks.* | | *Kilograms.* | *Marks.* |
| 1878 | 167,660 | 25,390,332 | 1886 | 319,598 | 42,707,549 |
| 1879 | 177,507 | 26,518,123 | 1887 | 367,634 | 48,157,498 |
| 1880 | 186,011 | 28,607,561 | 1888 | 406,602 | 51,476,236 |
| 1881 | 186,990 | 28,514,081 | 1889 | 403,036 | 50,813,089 |
| 1882 | 214,982 | 32,763,057 | 1890 | 402,945 | 56,151,609 |
| 1883 | 235,063 | 35,087,897 | 1891 | 444,852 | 58,998,000 |
| 1884 | 248,116 | 37,055,861 | 1892 | 429,351 | 57,228,678 |
| 1885 | 309,418 | 44,187,793 | 1893 | 449,333 | 47,064,749 |

*GREECE.*

There was no gold produced in Greece in 1893.

The production of silver was 2,250 kilograms, contained in argentiferous lead ores mined at Laurium and Kamaresa.

Concerning the mines of Laurium and Kamaresa, the United States minister to that country writes to the Director of the Mint, under date of February 26, 1894:

The mines of Laurium and of Kamaresa produce an argentiferous lead which contains 1,500 grammes of silver in a ton of ore. The mines belong to a Greek company and to a French company.

The ore is shipped to England by the former, to Marseilles, France, by the latter, so that the silver is not separated from the lead in this country. About 1,500 tons of this argentiferous lead are mined each year—sometimes as many as 2,500 tons. The statistics for 1893 are not yet made up. It is reasonable to assume, however, 2,250 kilograms as the amount of silver obtained in 1893 from the ore mentioned.

Assuming the product in 1893, of silver, to the amount of 2,250 kilograms to be .900 fine, the coining value of the same would be $84,159,

and the fine weight 2,025 kilograms, at which figures it appears in our table of the world's production in this report.

## *THE GUIANAS.*

### BRITISH GUIANA.

Concerning the production of gold in British Guiana in 1892–'93, the London Economist, of March 10, 1894, says:

In his report for the year 1892–'93, Sir C. C. Lees, the governor of British Guiana, speaks very encouragingly of the gold-mining industry of that colony. The total export of gold for the year amounted to 133,146 ounces, valued at £492,938, as compared with 101,298 ounces, valued £376,348, in the previous year. The whole of this, it is stated, came from places worked with such rude appliances and such unskilled labor that the commissioner of mines thinks they will pay better when worked over again systematically than they have done in their first working. This statement applies especially to the northwestern district.

Taking the value of £492.938 or $2,398,883 (the average of 1891), as the value of the gold output of that colony in 1892, the result is reached for British Guiana in 1892 of 3,609 kilograms fine, at which figures it is estimated in the table of the world's production of the precious metals for 1892.

With regard to the gold product of British Guiana in 1893, the Demerara Argosy, of January 13, 1894, page 353, contains the following:

It appears that the total yield (of British Guiana) was 142,633 ounces, distributed among the respective districts as follows:

| | Ounces. | | Ounces. |
|---|---|---|---|
| Essequebo | 48,337 | Puruni | 2,792 |
| Barima | 26,700 | Grote Creek | 97 |
| Cuyuni | 26,476 | Demerara | 12 |
| Potaro | 25,430 | | |
| Massaruni | 7,145 | Total | 142,633 |
| Barama | 5,644 | | |

Compared with those of 1892 the above returns show an increase in four districts aggregating 23,262 ounces, 10 pennyweights, 5 grains, and a decrease of 12,352 ounces, 6 pennyweights, 20 grains in five others, the net increase in favor of last year being, therefore, 10,910 ounces, 3 pennyweights, 9 grains.

The larger yield of 1893 was most marked in the Potaro and Cuyuni—11,173 ounces and 9,645 ounces, respectively; next in order being the Barama, 2,278 ounces, and Puruni, 464 ounces. On the other hand the output from the Essequebo fell short of 1892 by 6,330 ounces; Barima, 2,914 ounces; Massaruni, 2,539 ounces; Demerara River, 378 ounces; and Grote Creek, 189 ounces.

If the value of the 142,633 ounces produced in 1893 be the same per ounce as in 1892 ($18), the production of British Guiana in 1893 would be, for that year, 3,863 kilograms fine, of the value of $2,567,400.

### FRENCH GUIANA.

The gold yield of French Guiana is, in this report, assumed to be no greater than in 1891.

## DUTCH GUIANA.

The production of gold in Dutch Guiana in 1892 was, estimated by the exports, 257.983 kilograms more than in 1891. This would give, approximately, a fine gold product for the colony of 1,074 kilograms, of the value of $713,800, at which figures it is inserted in the table of the world's production, for that year, in this report.

The gold product of 1893, according to the Economiste Français, was 34,248 ounces or 1,065 kilograms, of the value of the value of $707,900.

## *ITALY.*

Concerning the production of the precious metals in Italy, in the years 1891, 1892, and 1893, this Bureau has received the following official information:

For 1891:

[From Mint Report, 1893, page 252.]

The gold produced from Italian ores in 1891 in the amalgamation mills near the mines was 183.965 kilograms, which, valued at 2,655 lire per kilogram, must be estimated at a value of 488,499 lire. From foreign ores and from sweepings in the Pertulosa establishment there were obtained 100 kilograms, which, valued at 3,437 lire, give a value of 343,700 lire.

The silver contained in the silver and argentiferous lead ores obtained in 1891 from Italian mines and exported to foreign countries was as follows:

(*a*) Silver ore from Sardinia: 2,006 tons with the average contents of 1 per cent, 20,060 kilograms.

(*b*) Argentiferous lead ores from Sardinia and other Italian mines: 30,088 tons, with the average contents of 567 grams per ton, or 17,063.40 kilograms.

The total silver and argentiferous lead ores amounted to 32,094 tons, with an average contents of 1,196.7 grams per ton, making a total of 37,123.40 kilograms of silver, which at 160 lire per kilogram would give 5,939,744 lire.

There were produced from domestic and foreign ore in the Pertulosa smelting establishment 37,600 kilograms, which at 160 lire would give 6,016,000 lire.

For 1892:

[From Mint Report, 1893, p. 254.]

The value of the gold produced from the mines during the year 1892 amounted to about 473,482 lire.

The amount of silver produced amounted to 1,680 tons, containing 21,000 kilograms of silver of the value of 149 lire the kilogram.

In addition to this the lead mines produced ore containing silver, 18,853 kilograms, of the value of 149 lire the kilogram.

Hence 39,853 kilograms were produced, having a value of 5,938,097 lire.

The output of pure gold by the Italian refineries was 330 kilograms, valued at 1,022,884 lire.

The output of pure silver for 1892 was 43,000 kilograms of the value of 149 lire the kilogram, and consequently of a total value of 6,407,000 lire.

### *Replies to Interrogatories, 1893.*

The production of gold in Italy during the year 1893 has been—

(1) Pure gold contained in silver-bearing products of Italian minerals, in the office of minerals, 176.647 kilograms.

(2) Gold produced from foreign minerals at the office at Spezia, 131 kilograms.

Total of gold, 307.647 kilograms, the value of which, at the mint, was 1,057,382.74 lire, or 3,437 lire (gold) per kilogram.

The production of silver in Italy during 1893 was—

(1) Pure silver contained in silver and lead minerals from Italian mines, in part exported to foreign mints: (*a*) 1,236 tons silver ore from Sardinia, of which 1 per cent or 12,360 kilograms was pure silver; (*b*) 29,554 tons of silver-bearing lead ore from Sardinia and other regions (Lombardy, Tuscany, Venetia, and Sicily), 16,471 kilograms of pure silver (557.3 grams of pure silver per ton of ore), or a total of 30,790 tons of minerals of silver and lead-bearing silver (936.4 grams of pure silver per ton), 28,831 kilograms.

(2) Pure silver contained in silver-bearing ore of Italian mines at the mineral offices, 52.182 kilograms.

Total amount of silver contained in silver and lead ores and in silver-bearing ores produced in Italy, 28,883.182 kilograms, the commercial value of which, at 130 lire in gold per kilogram, amounts to 3,754,813.66 lire.

(3) Pure silver produced in the smelting office of Pertulosa (Spezia), from 21,747 tons of Italian ores and 11,412 tons of foreign ores, 40,095 kilograms, valued, at 130 gold lire per kilogram, 5,212,350 lire.

Calculating the production of Italy for these years in accordance with the above data gives that country an output of gold and silver, as seen in the following table:

PRODUCTION OF ITALY IN 1891, 1892, AND 1893.

| Years. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Weight. | Value. | Weight. | Value. |
| | *Kilos.* | | *Kilos.* | |
| 1891 | 142 | $94,300 | 37,123 | $1,542,800 |
| 1892 | 137 | 91,400 | 39,853 | 1,656,300 |
| 1893 | 176 | 117,000 | 28,883 | 1,200,400 |

## *JAPAN.*

In the report of this series for 1892 the production of the precious metals in Japan for 1891 will be found, estimated as usual, by adding the output of the Government mines in that year to the output of the private mines for two years before.

The official answers to the interrogatories respecting Japanese production in 1892 were as follows:

Production of gold bullion from the imperial household mines during the calendar year 1892, 296.31 kilograms, valued at 245,468.187 yen.

Production of gold bullion from private mines during the calendar year 1890, 473.584 kilograms, valued at 325,571.905 yen.

Production of silver bullion from the imperial household mines during the calendar year 1892, 9,094.674 kilograms, valued at 349,595.635 yen.

Production of silver bullion from private mines during the calendar year 1890, 45,891.437 kilograms, valued at 1,786,694.444 yen.

The production of gold and silver in Japan in 1892 would, therefore, be estimated as follows:

| Mines. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Weight. | Value. | Weight. | Value. |
| | *Kilograms.* | *Yen.* | *Kilograms.* | *Yen.* |
| Government mines, 1892 | 296.310 | 245,468.187 | 9,094.674 | 349,595.625 |
| Private mines, 1890 | 473.584 | 325,571.905 | 45,891.437 | 1,786,694.444 |
| Total | 769.894 | 571,040.092 | 54,986.111 | 2,136,290.069 |

Concerning the output of gold and silver from the Japanese mines in 1893, this Bureau has received the two following communications:

I. Output of gold (pure metal) of the imperial mines of Sado for the year 1893, 172.4065 kilograms, valued at 610.517 yen. The value, being only estimated, is but approximate. The same is true of the output of the imperial mines at Ikuno, given below:

Output of the Imperial mines of Ikuno, from January to August, inclusive, 1893, gold (pure metal), 45.1745 kilograms, valued at 43,922.423 yen. The amount of output for the four remaining months of the year is still under investigation and will be added to the report as soon as possible.

Output of gold bullion from private mines for the year 1891, 482.7749 kilograms, valued at 339,705.337 yen. The amount of output for the years 1892–'93 is now under investigation, and, as in case of the interrogatories of July last year, with reference to the output of the year 1892, the returns for the year 1890 were given, so following the same precedent, the returns for 1891 are given above. The value of the same is based upon the selling price as it is also in regard to silver.

Output of silver (pure metal) of the imperial mines at Sado for the year 1893, 1,927.2980 kilograms, valued at 76,467.952 yen. Output of the imperial mines of Ikuno for the year 1893 (pure metal), 3,336.6810 kilograms, valued at 127,768.445 yen. Output of silver bullion from private mines for the year 1891, 52,714.9868 kilograms, valued at 2,074,721.335 yen.

The original document does not explain why the value of 172 kilograms of pure metal under the output of gold from the Sado mines is only 610 yen, while 45 kilograms from the Ikuno mines are valued at 43,922 yen.

II. In the special replies of a few days since, on account of haste, only four months' report of the imperial mines of Ikuno could be sent. The report having been finished is now given herewith. (Complete report of private mines already sent.)

Output of pure metal (gold) from the imperial mines of Ikuno for the year 1893, 73.172 kilograms, value, 77,107.535 yen; silver, 5,097.507 kilograms, value, 194,546.385.

From the above data the following estimate of the production of gold and silver in Japan in 1893 is made:

| Mines. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Weight. | Value. | Weight. | Value. |
| | *Kilos.* | *Yen.* | *Kilos.* | *Yen.* |
| Government mines, 1893 | 245.579 | (?) | 5,263.920 | 204,296.397 |
| Private mines, 1891 | 482.775 | 339,705.337 | 52,714.986 | 2,074,721.335 |
| Total | 728.354 | ..... | 57,978.906 | 2,278,957.732 |

The values given for gold in the above tables are evidently expressed in silver yen, as may be inferred from the fact that 482.775 kilograms of gold from the private mines in 1891 are valued at 339,705.337 yen, or 1 kilogram at 703.65 yen, and 296.310 kilograms from the Government mines in 1892, at 245,468.187 yen, or 828.41 yen per kilogram.

The values given for silver are commercial values.

The official dispatches to this Bureau, however, say that the metal is pure. The estimated value of the yield of the precious metals in Japan, therefore, is, for 1892, $511,672 gold and $2,285,223 silver; for 1893, $484,064 gold and $2,409,603 silver, at which figures it appears in the table of the world's production in this report.

## *KOREA.*

With respect to the gold production of Korea, this Bureau has received the following communications:

LEGATION OF THE UNITED STATES,
*Seoul, March 28, 1894.*

SIR: Referring to my No. 313, March 15, I now beg to hand you a very full report on gold and gold mining, as well as silver, by C. R. Greathouse, an old California miner and lawyer, now acting as adviser to this Government.

I have the honor to be, sir, your obedient servant,

H. N. ALLEN.

The DIRECTOR OF THE MINT,
*Treasury Department, Washington, D. C.*

It is impossible to give the weight of the pure metal or the value of the gold produced from the mines of the country during the year, there being no data, no reliable sources of information, and no statistics even remotely relating to the subject except the customs returns. While there are undoubtedly good quartz gold-bearing mines in the country, but few are worked, and these in the crudest and most unscientific way. I am told that no blasting powder is used in mining the ore and no quicksilver or chemicals in extracting the gold from the ore after it is mined. When the rock gets too hard to be pried out with picks or crowbars the miners build a fire upon its face and when it is heated throw cold water upon it and thus crack it. The ore, after being extracted, is crushed between two stones, the under stone being flat and the upper one somewhat rounded, which is rocked backwards and forwards over the ore placed between the two. After the quartz is crushed it is concentrated and the metal saved by hand panning. As no pumps are used, as soon as more water is encountered than can be overcome by the crudest and most unscientific methods of bailing, the mine is necessarily abandoned. Nearly all the gold produced is from placer mining, and here again only the most primitive methods are adopted, no quicksilver is used, and the dirt is panned by hand in a wooden or metal bowl. No pumps are employed, and as soon as more water is found in the pits or drifts than can be bailed out, the mining is stopped. The customs returns, which embrace only the three open ports, show that the value of the export of gold, nearly all being gold dust and none coined, was as follows for the years 1884 to 1893, inclusive:

| | Mexican. | | Mexican. |
|---|---|---|---|
| 1884 | $312,024 | 1889 | $982,081 |
| 1885 | 141,592 | 1890 | 749,699 |
| 1886 | 1,130,488 | 1891 | 689,078 |
| 1887 | 1,388,269 | 1892 | 852,751 |
| 1888 | 1,375,965 | 1893 | 918,659 |

As I have said before, these returns are under the amount known to be actually exported, and no doubt in addition much gold is sent across the Chinese and Siberian boundaries of which no customs returns can be made.

The title to all the mines is vested in the throne, but licenses for working certain mines are issued by the Government to the natives for limited times and on terms supposed to be based on the value of the production; naturally the Korean lessee does all he can to prevent the real value of his mine from being known, and minimizes in every way possible reports as to its output. There is also, no doubt, much unlicensed mining. As there is no minting of gold, no express companies carrying it, no banks handling it, and no trustworthy reports on the mines, all attempts to arrive at the total production are futile and even approximations mere guesses. The customs returns, it is true, furnish a slender basis for figures; they show that even including the value of the gold exported on the credit side of Korea the balance of trade is against her, that is, the imports have exceeded the exports as declared by the shippers and accepted by the customs as follows, from 1884 to 1893 inclusive:

| | Mexican. | | Mexican. |
|---|---|---|---|
| 1884 | $262,085 | 1889 | $1,161,883 |
| 1885 | 1,141,945 | 1890 | 427,662 |
| 1886 | 839,472 | 1891 | 1,201,046 |
| 1887 | 622,176 | 1892 | 1,301,995 |
| 1888 | 805,420 | 1893 | 1,263,380 |

I do not think the balance of trade against Korea is, in fact, correctly represented by these figures, but believe it to be much less.

It is unnecessary, and it would take up too much space, to give in full my reasons for this belief, but I think it may be assumed that there has always been, since the country was opened, some balance of trade against it. As there are no bonds, no securities or credits, this balance, I think, has been met partly or perhaps mainly, by exports of gold dust, and I think it fair to assume that the annual production of gold is at least double what is shown by the returns of the customs as the declared exports of that metal.

As to the production of silver no figures can be procured and but little information had. Indeed, a gentleman who has been engaged in mining in the United States, and who is an old resident of this country, dealing in gold dust, and who is supposed to know more about mines than any other foreigner, informed me that he did not know of a single silver mine which was worked in Korea. Upon further inquiries, however, from Korean sources, I am told that there are four mines some 350 miles north of Seoul; these are said to contain much lead or, at least, are reduced by the use of lead ores in a smelting process. They are, no doubt, worked very crudely and the output is comparatively very small, amounting in all to a few thousand dollars. I am confident that much more silver is used in the industrial arts than is produced here.

There are no gold or silver refineries in the country and, therefore, no output of gold or silver from them.

Mr. Augustine Heard, consul-general, writing from Seoul under date of October 20, 1891, furnished this Bureau with the values of the gold exports of Korea for the years 1886–1890, inclusive.

The figures of the exports given by him for those years are identical with those returned above by Mr. Greathouse. Mr. Heard, however, failed to state that the values furnished by him were expressed in Mexican dollars, and this omission led this Bureau to believe that they were given in United States gold, and consequently to a miscalculation in the Report on the Production of Gold and Silver in the United States, 1891,

page 125, of the fine weight in kilograms of the exports of gold from Korea in the years named. This error is corrected in the present report.

Taking the values in Mexican dollars of the gold exports of Korea for the years 1884 to 1893, furnished by Mr. Greathouse, and converting them into gold values in United States dollars at the average value in gold of the Mexican dollar for those years, gives the following table of the weight and value of the gold yield of Korea for the years 1884–1893:

| Years. | Value of gold exports in Mexican dollars. | Average gold value of Mexican dollar. | Value of gold exports in United States gold dollars. | Corresponding weight of exports in kilograms (fine). |
|---|---|---|---|---|
| 1884 | $312,023 | $0.875 | $273,019 | 411 |
| 1885 | 141,594 | .864 | 122,337 | 184 |
| 1886 | 1,130,488 | .816 | 922,478 | 1,388 |
| 1887 | 1,388,269 | .790 | 1,096,732 | 1,650 |
| 1888 | 1,375,965 | .759 | 1,044,357 | 1,571 |
| 1889 | 982,081 | .739 | 725,757 | 1,092 |
| 1890 | 749,699 | .798 | 598,259 | 900 |
| 1891 | 689,078 | .805 | 554,708 | 836 |
| 1892 | 852,751 | .711 | 606,304 | 918 |
| 1893 | 918,659 | .640 | 587,942 | 884 |

These figures are probably much too low, for, as remarked above by Mr. Greathouse, "These returns are under the amount known to be actually exported, and no doubt much gold is sent across the Chinese and Siberian boundaries of which no customs returns are made."

## *MEXICO.*

In publishing the statistics of the production of the precious metals in Mexico, it has been thought best, in the present report, to return to the practice of the Bureau prior to 1889, but departed from in the estimate for that and succeeding years up to 1892 by the Director of the Mint, Mr. E. O. Leech, and to publish them as furnished by the Mexican Government, without any addition, in the case of gold or silver, for clandestine exportation or other cause.

The chief of the Mexican bureau of statistics declines to make an estimate of the amount of silver annually smuggled out of the country and employed in the industrial arts, because he has no data on which to base a safe one.

In response to a request of this Bureau, made to Mr. Stavoli in 1891, for an estimate by him of the gold and silver output of Mexico in 1890, he wrote:

MEXICO, *February 27, 1891.*

MY VERY DEAR SIR: I received the telegram you were pleased to send me, asking me for data on the production of the mines of Mexico during last year. It was answered by cable to-day, informing you of the sending of these data, and annexed

to this letter you will receive a table showing the quantity and value of the precious metals exported from the Republic during the year 1890, as well as of the deposits of gold and silver made at the mints for coinage during the same year.

As to the gold and silver employed in the arts during 1890, there are no data to enable one to estimate their amount, and the same is the case with regard to the quantities and values of these two metals which have been deposited during the same period in the banks and in the safes of mining exchanges, because these limit their remittances to the mints to the sums necessary to meet the payment of salaries and wages and of other expenditures, preferring, in the majority of cases, to keep their stocks or values in the form of bars.

Besides the temptation to avoid the payment of the coinage duties—4.41 per cent and 4.618 per cent for silver and gold, respectively—which have to be paid when these metals are exported in the shape of bullion, as well as the facility with which their exportation to foreign countries may be concealed, raise a presumption that there are clandestine exportations to a large amount, notwithstanding the constant vigilance employed to prevent them, and which is difficult to exercise over such vast lengths as those of the lines of the frontiers and coasts of Mexico.

The consideration alone of the constant development of the working of mines of gold and silver during recent years, apparent enough in several States of the Republic, and of the small increase perceptible in the exports and coinages of those metals inclines me to suppose that the official data which I send you show only a part of Mexico's total production of gold and silver, the amount of which, for the reasons stated, it is not possible to make an estimate of, there being no basis for one.

Your devoted servant,

JAVIER STAVOLL.

DIRECTOR OF THE MINT,
*Washington.*

This Bureau, therefore, does not feel authorized to change in any respect the figures officially communicated to it through the courtesy of the Mexican Government.

The production of silver in Mexico is based on the amount of the metal coined, plus the amount exported in various forms (except of coin).

For some years past it has been the custom of the Bureau to increase the latter item by a certain per cent of itself, equivalent to the supposed difference between the commercial value at which the silver exports were assumed to have been returned by the Mexican officials and the coining value of such exports. This increase amounted in 1892 to 33⅓ per cent; in 1891, to 29.8 per cent; in 1890, to 42.8 per cent; and in 1889, to 28.8 per cent.

The method adopted by Mr. Leech of calculating the silver product of Mexico in the years 1889 to 1892 lead to overestimates of that product, as compared with the official returns, as follows:

| Years. | Overestimate. |
|---|---|
| 1889 | 6,631,479 |
| 1890 | 9,202,518 |
| 1891 | 8,644,068 |
| 1892 | 8,715,669 |

If the Mexican output of silver in 1893 were estimated according to the method followed by the then Director of the Mint (Mr. E. O. Leech) in estimating that of the years 1889–1892, the calculation would stand thus:

| | |
|---|---|
| Silver coined | $28,005,396 |
| Silver exported (coining value, 40 per cent above commercial value) | 39,846,849 |
| Clandestinely exported, employed in the arts, etc | 2,823,371 |
| Total | 70,675,616 |

representing at $40,915 per kilogram, 1,727,376 kilograms fine. Thus this method would have led if followed to an overestimate of the silver yield of the Mexican mines in 1893, of $14,208,185, or 347,261 kilograms of fine silver. (See Production Report, 1891, p. 72.)

The exports of silver from Mexico in 1892, exclusive of coin, consisted of silver bars or bullion of the value of $5,276,447, silver ore of the value of $9,990,295, silver mixed with gold of the value of $2,331,778, silver sulphides of $1,502,589, silver tailings of $3,792, and argentiferous lead of $4,396,689, a total of $23,501,590.

The silver bullion exported is valued in the published Mexican statistics in accordance with its fineness, and the silver ore, sulphides, tailings, etc., at the prices assigned them by the exporters. As a matter of fact, however, both silver bullion and silver ore, etc., exported from Mexico are valued uniformly at $40.915 per kilogram (the Mexican coining value of a kilogram), which would make the value of an ounce (32.15 ounces troy=1 kilogram) $1,272, the Mexican coining value of an ounce—a figure which the commercial value of silver has not reached since 1874. This excludes the assumption that the value given the exports of silver in the Mexican statistics furnished to the Bureau is commercial value.

The value attributed to the exported ores is the "value assigned them by the exporters," in other words, commercial value, but then it is commercial value expressed in Mexican silver dollars, not in gold; and in a country like Mexico, in which the coinage of silver is free, the commercial value of silver expressed in silver, can never depart widely from its coining value, it being optional with the owner of the metal to export it or have it coined.

On the value ascribed to silver in its various forms in the statistics of Mexico, the Bureau has received the following communication from Mr. Stavoli, chief of the bureau of statistics of Mexico:

MEXICO, *January 11, 1894.*

DEAR SIR: I have received your favor of the 3d instant, and in answer to your inquiry take pleasure in informing you that the values that figure in the tables of the exports of silver, published by the section under my charge, are: For silver bullion, the value corresponding to its fineness; for coined silver, the value represented by the coins; and for silver ore, the value assigned them by the exporters.

Your obedient servant,

J. STAVOLI.

MR. R. E. PRESTON,
*Director of the Mint, Washington, D. C.*

Concerning the production of the precious metals in Mexico in 1893, the following official information has been received:

LEGATION OF THE UNITED STATES,
*Mexico, March 29, 1894.*

DEAR SIR: At the suggestion of the State Department, I have the honor to send you, on separate sheet, a statement just received from the Mexican treasury department, showing the product of gold and silver in the Republic of Mexico, during the calendar year 1893, as responsive to the interrogatories, Nos. 7 and 8, of the circular of the United States Treasury Department, of January 26 last.

* * * * * * *

Very sincerely yours,

ISAAC P. GRAY,
*U. S. Minister.*

THE DIRECTOR OF THE MINT,
*Treasury Department, Washington, D. C.*

PRODUCT OF GOLD AND SILVER IN THE REPUBLIC OF MEXICO DURING THE CALENDAR YEAR 1893.

| | Gold. | | Silver. | |
|---|---|---|---|---|
| | Weight. | Value. | Weight. | Value. |
| | *Kilos.* | | *Kilos.* | |
| Coined | 730.167 | $493,167 | 684,477.477 | $26,605,396 |
| Exported | 1,233.901 | 833,397 | 695,638.152 | 28,462,035 |
| Total | 1,964.068 | 1,326,564 | 1,380,115.629 | 56,467,431 |

RÉSUMÉ.

| | Weight. | Value. |
|---|---|---|
| | *Kilos.* | |
| Gold | 1,964.068 | $1,326,564 |
| Silver | 1,380,115.629 | 56,467,431 |
| Total | 1,382,079.697 | 57,793,995 |

These amounts do not include the total product of gold and silver in Mexico in the year 1893. The amounts stated, however, embrace its two most important items. Data is yet lacking to estimate the amount of precious metals held by smelters or miners; that deposited as bullion in the banks; that which is used in the arts and industries, and that which, despite the many precautions taken by the Government to prevent smuggling, is taken out of the country thus.

Under regulations now in force, gold designed for exportation has an assigned value of $675.416 per kilogram; while gold coin is valued at $643.529.

Silver for exportation is valued at $40.915 per kilogram and for coining, $39.109.*

STAVOLI.

TREASURY DEPARTMENT, ETC., SEVENTH SECTION,
*Mexico, March 16, 1894.*

*The actual Mexican coining value of a kilogram of fine silver irrespective of coinage charges, etc., is $40.915 as will be seen from the following calculation: One Mexican dollar contains 24.44088 grams of pure silver, and 1 kilogram or 1,000 grams divided by 24.44088 gives 40.915 the number of Mexican dollars of legal fineness that can be coined out of 1 kilogram of fine silver. Deducting the coinage charge of 4.4140 per cent per kilogram from $40.915 gives $39.109.—[Director Mint.]

The figures of the Mexican product of silver, furnished the Bureau for the years 1889–1892, are as follows:

| Years. | Kilograms. | Value. |
|---|---|---|
| 1889 | 997,495 | $40,812,521 |
| 1890 | 1,005,828 | 41,153,482 |
| 1891 | 1,084,100 | 44,355,932 |
| 1892 | 1,228,994 | 50,284,811 |

These reduced but official figures are accepted by the Bureau in lieu of the following which have appeared in recent reports of this series for the years 1889–1892, inclusive:

| Years. | Kilograms. | Value. |
|---|---|---|
| 1889 | 1,143,385 | $47,544,000 |
| 1890 | 1,211,646 | 50,356,000 |
| 1891 | 1,275,265 | 53,000,000 |
| 1892 | 1,419,634 | 59,000,000 |

The production of gold in Mexico in 1893, was 1,964 kilograms, of the value of $1,326,564, Mexican gold dollars, and that of silver 1,380,115.6 of the value of $56,467,000, in Mexican silver dollars, Mexican coining rate.

In the table of the world's production of gold and silver for the years 1891, 1892, and 1893 in this report, the Mexican values of the gold and silver output of the Republic, in these years are converted into United States coining values.

### *NORWAY.*

At the Kongsberg silver mines, from July 1, 1891, to June 30, 1992, there were produced ores reckoned to contain 4,495.6 kilograms of fine silver, of the value of $186,837.

This output is credited to 1892, and carried, in the absence of later statistics, to the year 1893.

### *PERU.*

The product of gold in Peru in 1891, the estimate of which is based on the exports of the metal, was 109.507 kilograms fine of the value of $72,778.

The product of silver in 1891, estimated to be equal to the sum of the coinage and exports, amounted to 70,023.505 kilograms fine, of the coining value of $2,910,177.

The gold product of the Peruvian mines in 1892 is, in the absence of returns for that year, assumed to have been the same as in 1891.

The silver product of Peru in 1892, estimated to be equal to the quantity deposited at the mint for coinage (no exports are reported for the year), was 59,257 fine kilograms, of the coining value of $2,462,721.

Awaiting official answers to the Bureau's interrogatories for 1893, Peru's output of gold and silver in 1893 is assumed to have been the same as in 1892.

## *RUSSIA.*

According to the latest official information received by the Bureau the value of the gold product of Russia in 1892 was 128,529,440 francs, and of silver, 2,109,956.20 francs.

These values represent 37,325 kilograms fine of gold, of the value of $24,806,200, and, as the silver is given at its commercial value, 14,478 kilograms fine of silver, of the coining value of $601,700.

In the absence of information as to the production of Russia in 1893, it is assumed to be the same as in 1892.

The Bureau is indebted for the following extracts regarding the mining of gold in Russia to an article by Mr. A. de Keppen in the Annales des Mines, 2e Livraison de 1894, pp. 203, etc.:

We possess data relative to the production of gold in Russia since the year 1814. During the course of the first two years the quantity of gold obtained was 496.525 kilograms. The ulterior results of the exploitation of gold in Russia are collected in a table given below. These results relate to quinquennial periods, and in the same table will be found the figures of the annual average production.

| Years. | Gold mined. | Average annual production of gold. | Years. | Gold mined. | Average annual production of gold. |
|---|---|---|---|---|---|
| | *Kilos.* | *Kilos.* | | *Kilos.* | *Kilos.* |
| 1816–1820 | 1,384 | 276 | 1856–1860* | 133,168 | 26,634 |
| 1821–1825 | 10,326 | 2,065 | 1861–1865 | 120,400 | 24,080 |
| 1826–1830 | 24,181 | 4,836 | 1866–1870 | 150,892 | 30,178 |
| 1831–1835 | 33,296 | 6,659 | 1871–1875 | 176,217 | 35,243 |
| 1836–1840 | 37,601 | 7,520 | 1876–1880 | 203,142 | 40,628 |
| 1841–1845 | 88,190 | 17,638 | 1881–1885 | 177,357 | 35,471 |
| 1846–1850 | 132,588 | 26,518 | 1886–1890 | 180,097 | 36,019 |
| 1851–1855 | 123,673 | 24,735 | 1891 | 39,089 | 39,089 |

* Up to the year 1860 the figures refer to the quantities of gold refined, while for the following years the official reports contain data relative to quantities of crude gold (in schlich).

To sum up, the quantity of gold obtained from the beds of Russia amounted, up to 1891, inclusive, to 1,632,000 kilograms, and this does not include the gold obtained from auriferous silver.

An examination of the figures in the table shows that, up to the period 1846–1850, the quantity of gold worked continued increasing; then, during a period of thirty years, these figures show risings and declinings of the production. The year 1880

was the most productive. In that year 43,275 kilograms were produced and during the last six years, beginning with 1885, when the production of gold had fallen to 33,022 kilograms, the production showed a tendency to increase again. The distribution among the several auriferous districts of the quantities of gold obtained is shown in the following table:

| Years. | The Ural. | Western Siberia. | Eastern Siberia. | Years. | The Ural. | Western Siberia. | Eastern Siberia. |
|---|---|---|---|---|---|---|---|
| | *Per cent.* | *Per cent.* | *Per cent.* | | *Per cent.* | *Per cent.* | *Per cent.* |
| 1861–1865 | 21.3 | 4.6 | 74.1 | 1881–1885 | 22.6 | 6.1 | 71.2 |
| 1866–1870 | 21.7 | 6.1 | 72.2 | 1886–1890 | 28.7 | 7 | 64.2 |
| 1871–1875 | 17.2 | 7.2 | 75.6 | 1891 | 29.6 | 7.1 | 63.3 |
| 1876–1880 | 20 | 6 | 74 | | | | |

For the years 1882–1891, inclusive, we have more detailed figures. They are grouped in the table here given:

| Years. | Ural. | Western Siberia. | Eastern Siberia. | Finland. | Total production of gold. |
|---|---|---|---|---|---|
| | *Kilos.* | *Kilos.* | *Kilos.* | *Kilos.* | *Kilos.* |
| 1882 | 7,478 | 2,076 | 26,581 | 19 | 36,154 |
| 1883 | 8,080 | 2,197 | 25,460 | 10 | 35,747 |
| 1884 | 7,968 | 2,149 | 25,579 | ..... | 35,696 |
| 1885 | 8,697 | 2,210 | 22,102 | 6 | 33,015 |
| 1886 | 9,176 | 2,237 | 22,032 | 5 | 33,450 |
| 1887 | 10,643 | 2,452 | 21,756 | 7 | 34,858 |
| 1888 | 10,904 | 2,526 | 21,721 | 14 | 35,165 |
| 1889 | 10,506 | 2,776 | 23,952 | 23 | 37,257 |
| 1890 | 10,526 | 2,637 | 26,192 | 18 | 39,373 |
| 1891 | 11,548 | 2,797 | 24,735 | 9 | 39,089 |

The figures in this table give an idea of the relative production of the several auriferous districts of Russia in recent years, but do not afford us the means of judging of the impoverishment of the beds, or of telling up to what point they have been worked in the several districts. In order to answer these questions it would be necessary to study the exploitation of gold during the entire period.

It is impossible for us to enter here into a detailed discussion of this question, but we must say that the increase or decrease of the quantities of gold annually worked depends on circumstances so complex that they can not be even compared with those on which other branches of industry generally depend.

In the first place, it is very certain that legislation, and the frequent changes made in it, exercises a marked influence on the quantities of gold produced. We refer especially to the changes in taxation, which play a preponderant part. On the other hand, the physical conditions of the seasons are of great importance. The washing of the auriferous sands being the principal mode of working the placers, requires considerable quantities of water. A hot and dry summer is of great injury to the miners, in consequence of the lack of water; seasons in which too much rain falls, and especially seasons in which great floods are produced, cause ruptures of the dikes, and consequently leave the works entirely dry.

It frequently happens that the exploitations at the beginning of the summer suffer from lack of water and at the end of the season from a superabundance of it. But it is to be remarked that hot and dry summers have their advantages. They allow the upper strata of the placers to thaw; in fact, in the countries in which the princi-

pal auriferous mines are situated the rich beds are frozen and must be thawed out, in order that the hydraulic treatment of the sands may be effected.

Side by side with these meteorological conditions which have, so to speak, a direct influence on the mining of gold, we must place the price of bread, which has an influence not less great; this price depends on the crop of the preceding year, and regulates the wages of the gold-washers. There are years in which these wages rise in some quarters to the sum of from 900 to 1,400 rubles per workman for a season's labor, which lasts sometimes only four or five months.

But the most serious factor in the question is the course of the paper rouble. The law requires the miners to deliver all their gold to the Government, which returns it to them in the form of money. On the other hand, all expenses are counted in paper roubles, so that the relative value of the paper rouble and the gold rouble plays a most important part. The more the course of the paper rouble falls the more advantageous it is to produce the greatest possible quantities of gold, and the cases are not rare in which the miners gain only by the premium. This factor, which has so great an influence on the mining of gold, can, unfortunately, be neither foreseen nor attenuated, and it exercises its influence with all its force. We thus see that, by reason of these various factors, the sole consideration of the quantities of gold mined might lead us to entirely false conclusions. Of the total gold produced annually from the mines of Russia the quantity of the metal coming from the primitive beds (auriferous veins) is relatively very small, although since 1882 this quantity tends to increase, as may be seen from the following table:

| Years. | Gold from veins worked. | | | Years. | Gold from veins worked. | | |
|---|---|---|---|---|---|---|---|
| | Ural. | Siberia. | Total. | | Ural. | Siberia. | Total. |
| | *Kilos.* | *Kilos.* | *Kilos.* | | *Kilos.* | *Kilos.* | *Kilos.* |
| 1882 | 991 | 158 | 1,149 | 1887 | 2,134 | 546 | 2,680 |
| 1883 | 1,267 | 155 | 1,422 | 1888 | 2,433 | 385 | 2,818 |
| 1884 | 1,168 | 327 | 1,495 | 1889 | 2,398 | 421 | 2,819 |
| 1885 | 1,494 | 310 | 1,804 | 1890 | 2,508 | 392 | 2,900 |
| 1886 | 1,658 | 547 | 2,205 | 1891 | 2,064 | 319 | 2,383 |

The above table shows that the mining of the primitive beds is developed much more rapidly in the Ural district than in Siberia, where, however, the auriferous veins are worked in the two parts of the district of Ieniseisk and in the district of Nertchinsk.

It is interesting to cast a glance at the quantities of auriferous sands and quarts washed in the different centers. They are shown in the following table:

| Years. | Ural. | | Western Siberia. | | Eastern Siberia. | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | Number of placers. | Quantities of auriferous sand and quartz washed. | Number of placers. | Quantities of auriferous sand and quarts washed. | Number of placers. | Quantities of auriferous sand and quartz washed. | Number of placers. | Quantities of auriferous sand and quartz washed. |
| | | *Tons.* | | *Tons.* | | *Tons.* | | *Tons.* |
| 1882 | 455 | 5,029,676 | 159 | 2,545,845 | 487 | 10,866,263 | 1,101 | 18,441,784 |
| 1883 | 513 | 5,232,024 | 165 | 2,481,832 | 501 | 11,386,262 | 1,179 | 19,100,718 |
| 1884 | 613 | 5,691,231 | 189 | 2,513,773 | 504 | 11,452,208 | 1,306 | 19,657,212 |
| 1885 | 616 | 6,252,426 | 209 | 2,411,185 | 534 | 10,404,232 | 1,259 | 19,067,843 |
| 1886 | 689 | 7,275,603 | 215 | 2,476,918 | 541 | 10,540,022 | 1,445 | 26,292,543 |
| 1887 | 852 | 8,444,922 | 248 | 2,893,674 | 580 | 10,759,514 | 1,680 | 22,098,110 |
| 1888 | 952 | 8,816,617 | 252 | 2,937,180 | 585 | 10,333,618 | 1,789 | 22,087,415 |
| 1889 | 912 | 8,453,308 | 262 | 3,180,783 | 690 | 10,696,025 | 1,864 | 22,330,116 |
| 1890 | 797 | 7,726,299 | 248 | 3,022,044 | 671 | 12,043,542 | 1,716 | 22,791,885 |
| 1891 | 964 | 8,831,596 | 251 | 3,377,589 | 660 | 11,107,335 | 1,875 | 23,316,530 |

The quantities of sand exploited and washed are proportionate to the number of workmen employed in the placers.

All the crude gold extracted from the auriferous sands and quartz is required to be delivered to the smelting establishments of the State, of which there are 3 for all Russia—one at Ekaterinburg, for the Ural; one at Tomsk, for western Siberia, and one at Irkutsk for eastern Siberia. The cabinet of His Majesty, within whose jurisdiction are the mines of the Altai and Nertschinsk, has its own laboratories for the treatment of the precious metals. In the smelting establishments above referred to the gold deposited is melted and the assay of the alloy obtained determines the contents of fine gold.

For the years 1883 to 1891, inclusive, we have the following figures of amounts of fine gold contained in the crude gold and silver:

| Years. | In auriferous schlichs. | In auriferous silver. | Total. |
|---|---|---|---|
| | *Kilos.* | *Kilos.* | *Kilos.* |
| 1883 | 30,114 | 158 | 30,272 |
| 1884 | 30,543 | 231 | 30,774 |
| 1885 | 27,912 | 225 | 28,137 |
| 1886 | 27,894 | 278 | 28,172 |
| 1887 | 30,816 | 270 | 31,086 |
| 1888 | 31,241 | 250 | 31,491 |
| 1889 | 32,886 | 244 | 33,130 |
| 1890 | 35,058 | 252 | 35,310 |
| 1891 | 34,580 | 219 | 34,799 |

* * * * * * *

Miners who work gold on private lands pay a tax on the quantity of gold obtained; those who mine it in the domains of the State or of the cabinet of His Majesty pay in addition a supplementary land duty, which goes either to the State or to the treasury of the cabinet.

The tax on the rich metals worked is collected in kind, and is proportional to the quantity of the rich metals contained in the gross product. This tax is collected on the gold and silver separately.

* * * * * * *

The cost of transportation of the metal from the smelting establishments to the Mint at St. Petersburg, as well as the cost of coinage, is charged against the miners. After the melting and assay of the metal deposited by the miners at the smelting establishments of the State, they receive certificates for the quantities of gold and fine silver obtained. These certificates are payable in roubles, gold or silver, or even in bars, when the certificates are for gold.

These certificates may be sold or pledged to individuals or banks, etc., and are receivable in payment of import duties by the custom-houses of the Empire.

Miners whose exploitations are in Siberia have also the right to receive at the branches of the State Bank at Tomsk, Ieniseisk, and Irkutsk advances at the rate of 2 roubles per zolotnik (4.27 grams) on the quantity of coarse gold deposited, and this is a great help to the miners who have need of credit.

## PRODUCTION OF SILVER IN RUSSIA.

Silver, as compared with gold, has a small share in the production of the precious metals in Russia. It is found in paying quantities only in galena. It occurs also in combination with placer gold, for the rich alluvial deposits contain some silver, as a rule. The percentage of sil-

ver found in the gold varies greatly and differs in almost all the territories. In the most easterly regions gold is, for the most part, purer and is found with a smaller admixture of silver.

In the Ieneissei, Amoor region, and on the Olekma the gold assays 80–96 to 92–96, while the Transbaikal and the Altai districts, with fewer rich lodes, abound more in silver ores. In these districts the gold assays 60–96. The following table shows the production of silver in in Russia for the years 1880 to 1890, inclusive:

PRODUCTION OF SILVER IN RUSSIA FOR THE YEARS 1880 TO 1890, INCLUSIVE.

| Years. | Poods. | Pounds. | Zolotniks. |
|---|---|---|---|
| 1880 | 617 | ..... | ..... |
| 1881 | 576 | ..... | ..... |
| 1882 | 490 | ..... | ..... |
| 1883 | 450 | 13 | 34 |
| 1884 | 589 | 35 | 31 |
| 1885 | 687 | 15 | 68 |
| 1886 | 810 | 10 | 21 |
| 1887 | 988 | 34 | 19 |
| 1888 | 924 | 06 | 13 |
| 1889 | 846 | 08 | 37 |
| 1890 | 889 | 11 | 19 |

Converting the poods, pounds, and zolotniks into kilograms gives the following table of the production of Russia, 1880–90:

PRODUCTION OF SILVER IN RUSSIA, EXPRESSED IN KILOGRAMS, FOR THE YEARS 1880 TO 1890, INCLUSIVE.

[From Münzwesen und Edelmetallproduktion Russlands, by Heinrich Mayer, Leipsig, 1892, p. 88.]

| Years. | Weight. | Years. | Weight. |
|---|---|---|---|
| | *Kilos.* | | *Kilos.* |
| 1880 | 10,107 | 1886 | 13,272 |
| 1881 | 9,435 | 1887 | 15,379 |
| 1882 | 8,026 | 1888 | 15,138 |
| 1883 | 7,377 | 1889 | 13,861 |
| 1884 | 9,662 | 1890 | 14,567 |
| 1885 | 11,260 | | |

The figures quoted above, of the production of silver in Russia for the years 1880–1890, do not represent fine silver, as will be seen by comparing them with the official returns sent to this Bureau.

Thus, for instance, the amount officially reported for 1890 was 13,666 kilograms fine. If this be the amount of pure silver contained in the 14,567 kilograms credited to the year 1890 in the above table, it would follow that the fineness of 14,567 kilograms was $\frac{938}{1000}$.

As the fineness of the quantities given above is not known, it is impossible to calculate their value.

### *SPAIN.*

The silver output of Spain in 1890–'91 (July 1, 1890–June 30, 1891), was 14,768 tons of silver ore, of the spot commercial value of 8,054,628 francs. This, at the average price of silver for the period ($1.04½), represents 46,279 kilograms fine, of the coining value of $1,923,363.

Spain is credited in the table of the world's production of gold and silver with the same output in 1892 and 1893 as in the present report.

### *SWEDEN.*

The production of gold in Sweden in 1892 was 87.62 kilograms, of the value of 217,311.24 crowns, or $58,239, representing 87 kilograms fine. Its silver product in 1892 was 52.10 kilograms, of the commercial value of 5,454.87 crowns (104.70 crowns per kilogram, mean price for the year 1892 in London). This would represent a fine weight of 58 kilograms, of the coining value of $2,423.

With regard to the production of 1893, our minister writes, under date of May 2, 1894:

Ninety-three and three thousand seven hundred and sixty-one ten-thousandths kilograms of pure gold, worth 231,572.73 crowns, were produced from the mines in 1893; 4,464.63 kilograms pure silver, worth 418,291.18 crowns (at the average price for 1893 in London), were produced from the mines in 1893.

This would give the gold a value of $62,061 and the silver a coining value, at the average London price for the year 1893, of $185,820, corresponding to a weight in fine kilograms of 4,471.

### *TURKEY.*

Mr. A. W. Terrell, U. S. minister to Turkey, has sent this Bureau the following information, obtained through the courtesy of Sir Edgar Vincent, director general of the Imperial Ottoman Bank at Constantinople, regarding the production of the precious metals in Turkey:

Turkey works no gold or silver mines properly so called, but mines of argentiferous and auriferous lead are operated in the country.

The only mines at which the amalgamation and cupellation of the extracted ores is effected on the spot are the Bulgar-Dagh mine and the Gumuch-Hadjikeui mine, near Amassia, both worked by the Imperial Government itself.

The Bulgar-Dagh mine produced in 1893 9,823.66 grams of gold and 1,188,922.421 grams of silver, and the Gumuch-Hadjikeui produced in 1893 148,675.225 grams of silver, or a total of 1,337,597.676 grams of silver and 9,823.66 grams of gold.

All the other mineral exploitations of the country are in the hands of private individuals, and as the ore is exported and sold in the crude state, its silver contents can be valued only approximately.

On these exploitations the argentiferous lead mines of—

Balia produced in 1893 5,501 tons of ore, with a probable tenor of about 4,648,345 grams of silver.

Lidjessy produced in 1893 647 tons of ore, with a probable tenor of about 11,322,250 grams of silver.

Kémén-Beli produced in 1893 262 tons of ore, with a probable tenor of about 471,600 grams of silver.

Gumuch-Hane produced in 1893 51 tons of ore, with a probable tenor of about 81,600 grams of silver, or a total of 6,461 tons of ore, with a probable tenor of 6,333,795 grams, or 6,333,795 kilograms of silver.

The production of gold in Turkey in 1893 appears in the tables of the world's production of gold and silver at 10 kilograms fine, of the value of $6,646, and the production of silver at 6,334 kilograms, of the coinage value of $263,241.

In the absence of returns for 1891 and 1892, the gold and silver product of Turkey in those years is presumed to have been the same as in 1893.

## *URUGUAY.*

On the gold production of Uruguay the Handels-Archiv of August, 1893, page 312, has the following:

According to official statistics the production of gold in Cuñapiru for the years 1885 to 1891 was as follows:

| Years. | Kilos of fine gold. | Years. | Kilos of fine gold. |
|---|---|---|---|
| 1885 | 64,284 | 1889 | 139,361 |
| 1886 | 85,009 | 1890 | 207,695 |
| 1887 | 63,908 | 1891 | 212,863 |
| 1888 | 25,734 | | |

The production of the year 1892 was about the same as in 1891.

This Bureau accepts these figures and assumes the output in 1892 and 1893 to have been the same as in 1891.

Regarding the mines situated in the Ridera and Banda Oriental departments of Uruguay, we quote the following from the Chamber of Commerce Journal, London, September 27, 1893:

### GOLD MINES OF URUGUAY.

The Belgian minister to the Argentine Republic is responsible for a report on the gold minés situated in the Ridera and Banda-Oriental departments of Uruguay. He says the first discoveries of these auriferous deposits took place in 1859, when a native, in crossing the arroyo Corrales, picked up a nugget of pure gold weighing 5 ounces.

Consequent on this find a commencement was made with the washing of sand collected on the banks of the Corrales, the Arecua, and the Cuñapiru, selling the gold derived from the washings at the rate of 13 piasters per ounce to local merchants. A company was formed in 1867 and placed under the direction of Mr. John Jackson. It had insufficient capital and did not delay its dissolution. Gen. Goyo Suarez, of Uruguay, having engaged negro labor, obtained 350 ounces of gold, for which he got £1,000 sterling at Montevideo.

Mr. Rogers, an American coming from California, founded in the same district two quartz-crushing mills. He did not realize more than 2 ounces of gold per ton of pulverized ore. After a somewhat long lapse of time, twenty years, two companies—

one French, the other English—imported machinery from Europe, installed it near the deposits, and proceeded to work. The French company went under from financial embarrassments. Its rival has not yet abandoned its works, and is at present operating on the section where Gen. Goyo Suarez worked previously. The table below shows the yield of all the mines open, as well as the washings, during the last five years:

| Years. | Quarts. | Gold. | Value. | Coining value in United States money. |
|---|---|---|---|---|
| | *Tons.* | *Ounces.* | | |
| 1888 | 2,030 | 910 | £2,600 | $12,653 |
| 1889 | 17,800 | 4,900 | 11,500 | 55,965 |
| 1890 | 32,200 | 7,080 | 17,400 | 84,677 |
| 1891 | 40,300 | 7,040 | 18,200 | 88,570 |
| 1892 | 16,500 | 4,240 | 10,700 | 52,072 |
| Total | 108,830 | 24,120 | 60,400 | 293,937 |

The position is no longer favorable, since it shows that the metallic value of a ton of quartz in 1891-'92 was estimated only at 2.25 or 3.25 piasters, whereas it reached 6 piasters in 1888. The richest quartz is therefore exhausted, or at least is to be found only at a depth inaccessible to the machines in use. Certain facts seem to justify the latter hypothesis. The value of the mines worked is estimated as follows:

| Mines. | Yield, grams of gold per ton of quarts. | Mines. | Yield, grams of gold per ton of quarts. |
|---|---|---|---|
| Zapucay | 23 | San Gregorio | 8 |
| Santa Barbara | 18 | Surface deposits | 5 |
| Cuñapiru | 9 | | |

At Zapucay, in 1892, only 490 tons of quartz were reduced, which gave gold worth £1,050. The company new in possession of this deposit has a plant capable of crushing 30 tons of ore daily. It may be inferred from the preceding that it only utilized sixteen working days in 1892. Cuñapiru is the seat of a French association which undertakes the crushing of quartz for small workers at the rate of 5 grams of gold per ton, the average yield being 9 grams. There is something like activity at San Gregorio, where 15,000 tons of ore are dealt with annually. In 1891 only surface quartz was treated, this proving very slightly auriferous and its reduction involved a loss of £1,800. In 1892 the works attained a depth of 130 feet and the yield of gold was doubled. In place of a loss there was a profit of £720. If the results obtained in Uruguay are compared with those realized on the average in California and Australia, the following is obtained:

[Grams of gold per ton of quarts.]

| | |
|---|---|
| California | 14 |
| Australia | 11 |
| Uruguay | 7 |

Under present circumstances it is necessary to pass 143,000 tons of quartz through the mill to obtain 1 ton of gold. Maj. Richard, inspector of the Argentine Government mines, declared in 1867 that none of the mines known in the Argentine

could be profitably worked unless they furnished ore giving 12 grams of gold per ton. If these calculations are correct, it is necessary to conclude that Uruguay has not furnished the conditions indicated as being indispensable to success by those who made a special study of mining in the La Plata States.

### *VENEZUELA.*

The production of gold in Venezuela in 1892 amounted to 4,176,877.60 bolivars, or $806,137, representing a fine weight of 1,213 kilograms.

This is a decrease as compared with the preceding year.

The output for 1893 is assumed to have been the same as in 1892.

# PART III.

## GENERAL STATISTICS.

I.—DEPOSITS AND PURCHASES OF GOLD AND SILVER BY

| Description of deposits. | COINAGE MINTS. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| GOLD. | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| Domestic bullion | 49,045.637 | 900,058.449 | 52,193.300 | 282.388 |
| Domestic coin | 72,261.601 | 1,256.271 | ..... | 1,110.475 |
| Foreign bullion | 1,212.075 | 38,203.598 | ..... | 7,717.530 |
| Foreign coin | 768.540 | 80,834.304 | ..... | 215.171 |
| Jewelers' bars, old plate, etc. | 42,319.678 | 987.245 | ..... | 3,174.322 |
| Total deposits | 165,607.531 | 1,021,339.867 | 52,193.300 | 12,499.886 |
| Redeposits: | | | | |
| Fine bars | 1,617,913.070 | 25,930.956 | ..... | ..... |
| Unparted bars | 237,845.256 | 3,121.513 | ..... | 82,798.298 |
| Total gold received | 2,021,365.857 | 1,050,392.336 | 52,193.300 | 95,298.184 |
| SILVER. | | | | |
| Domestic bullion | 32,667,809.11 | 3,959,576.77 | 877,130.77 | 4,130,182.99 |
| Domestic coin | 1,736,392.12 | 1,376,724.30 | ..... | 1,473,798.13 |
| Trade dollars | 366.32 | ..... | ..... | 4.32 |
| Foreign bullion | 308.82 | 288,114.69 | ..... | 100,312.14 |
| Foreign coin | 32.79 | .06 | ..... | ..... |
| Jewelers' bars, old plate, etc. | 150,513.65 | 363.64 | ..... | 8,152.67 |
| Total deposits | 34,555,422.81 | 5,624,779.46 | 877,130.77 | 5,712,445.16 |
| Redeposits: | | | | |
| Fine bars | 234,764.80 | 990.72 | ..... | ..... |
| Unparted bars | 871,994.60 | ..... | ..... | ..... |
| Total silver received | 35,662,181.71 | 5,625,770.18 | 877,130.77 | 5,712,445.16 |
| Gold and silver deposits and purchases | 34,721,030.341 | 6,646,119.327 | 929,324.070 | 5,724,945.026 |
| Redeposits: | | | | |
| Gold | 1,855,758.326 | 29,052.469 | ..... | 82,798.298 |
| Silver | 1,106,758.90 | 990.72 | ..... | ..... |
| Total gold and silver received | 37,683,547.567 | 6,676,162.516 | 929,324.070 | 5,807,743.324 |

WEIGHT DURING THE CALENDAR YEAR ENDED DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| 702, 878. 503 | 93, 769. 652 | 32, 627. 453 | 80, 891. 794 | 12, 675. 778 | 14, 103. 506 | 1, 938, 026. 440 |
| 16, 549. 834 | 185. 476 | ..... | 2. 016 | 22. 319 | 952. 216 | 92, 340. 208 |
| 782, 011. 086 | 61. 075 | ..... | 78. 118 | ..... | 349. 915 | 829, 633. 347 |
| 594, 718. 313 | ..... | ..... | ..... | ..... | 66. 409 | 676, 802. 737 |
| 143, 219. 729 | 1, 254. 742 | ..... | 182. 551 | 81. 466 | 3, 460. 771 | 194, 680. 504 |
| 2, 239, 377. 415 | 95, 270. 945 | 32, 627. 453 | 80, 654. 479 | 12, 779. 563 | 18, 932. 617 | 3, 731, 283. 236 |
| 5, 517. 276 | ..... | ..... | ..... | ..... | ..... | 1, 649, 861. 302 |
| 1, 052. 236 | 591. 107 | 4, 849. 675 | 3, 324. 549 | ..... | 106. 233 | 333, 688. 867 |
| 2, 245, 946. 927 | 95, 862. 052 | 37, 477. 128 | 83, 979. 028 | 12, 779. 563 | 19, 039. 050 | 5, 714, 833. 405 |
| 3, 960, 661. 47 | 25, 944. 13 | 14, 800. 87 | 67, 284. 86 | 882. 21 | 943. 71 | 45, 725, 216. 80 |
| 1, 549. 65 | ..... | ..... | ..... | .51 | ..... | 4, 588, 459. 71 |
| ..... ..... | ..... | ..... | ..... | ..... | ..... | 870. 64 |
| 1, 430, 493. 68 | 28. 05 | ..... | 11. 67 | ..... | 447. 19 | 1, 819, 716. 24 |
| 934, 825. 39 | ..... | ..... | ..... | ..... | ..... | 934, 858. 24 |
| 451, 446. 89 | 388. 92 | ..... | 47. 59 | 34. 60 | 1, 298. 87 | 612, 241. 83 |
| 6, 798, 977. 08 | 26, 361. 10 | 14, 800. 87 | 67, 344. 12 | 917. 32 | 2, 684. 77 | 53, 680, 363. 46 |
| 44, 441. 40 | ..... | ..... | ..... | ..... | ..... | 230, 196. 42 |
| 14, 515. 83 | 386. 51 | 1, 213. 82 | 1, 419. 11 | ..... | 44. 55 | 339, 574. 48 |
| 6, 857, 934. 31 | 26, 747. 61 | 16, 014. 75 | 68, 763. 23 | 917. 32 | 2, 729. 32 | 54, 250 634. 36 |
| 9, 088, 354. 495 | 121, 632. 045 | 47, 428. 323 | 147, 998. 599 | 13, 696. 883 | 21, 617. 587 | 57, 412, 146. 696 |
| 6, 569. 512 | 591. 107 | 4, 849. 675 | 3, 324. 549 | ..... | 106. 233 | 1, 983, 050. 169 |
| 58, 957. 23 | 386. 51 | 1, 213. 82 | 1, 419. 11 | ..... | 44. 55 | 1, 169, 770. 90 |
| 9, 103, 881. 237 | 122, 609. 662 | 53, 491. 878 | 152, 742. 258 | 13, 696. 883 | 21, 768. 370 | 60, 564, 967. 765 |

## II.—Deposits and Purchases of Gold and Silver by Value.

| Description of deposits. | Coinage Mints. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| **GOLD.** | | | | |
| Domestic bullion | $912,476.96 | $16,745,273.47 | $971,038.14 | $5,253.86 |
| Domestic coin | 1,344,401.88 | 23,372.48 | | 20,000.00 |
| Foreign bullion | 22,550.23 | 710,764.61 | | 143,561.95 |
| Foreign coin | 14,298.42 | 1,503,894.03 | | 4,003.18 |
| Jewelers' bars, old plate, etc | 787,342.85 | 18,367.35 | | 59,057.15 |
| Total deposits | 3,081,070.34 | 19,001,671.94 | 971,038.14 | 232,555.64 |
| Redeposits: | | | | |
| Fine bars | 80,100,708.27 | 482,436.39 | | |
| Unparted bars | 4,425,028.02 | 58,074.66 | | 1,540,433.45 |
| Total gold received | 87,606,806.63 | 19,542,182.99 | 971,038.14 | 1,772,989.09 |
| **SILVER.** | | | | |
| Domestic bullion | 38,013,450.60 | 4,607,507.51 | 1,020,661.25 | 4,806,031.01 |
| Domestic coin | 2,020,529.01 | 1,602,006.46 | | 1,714,958.28 |
| Trade dollars | 426.26 | | | 5.68 |
| Foreign bullion | 359.35 | 335,260.73 | | 116,726.85 |
| Foreign coin | 38.16 | .07 | | |
| Jewelers' bars, old plate, etc | 175,143.16 | 423.14 | | 9,486.74 |
| Total deposits | 40,209,946.54 | 6,545,197.91 | 1,020,661.25 | 6,647,208.91 |
| Redeposits: | | | | |
| Fine bars | 273,180.28 | 1,152.84 | | |
| Unparted bars | 1,014,684.62 | | | |
| Total silver received | 41,497,811.44 | 6,546,350.75 | 1,020,661.25 | 6,647,208.91 |
| Gold and silver deposits and purchases | 43,201,016.88 | 25,546,869.85 | 1,991,699.39 | 6,879,764.55 |
| Redeposits: | | | | |
| Gold | 84,525,736.29 | 540,511.05 | | 1,540,433.45 |
| Silver | 1,287,864.90 | 1,152.84 | | |
| Total gold and silver received | 79,104,618.07 | 26,088,533.74 | 1,991,699.39 | 8,420,198.00 |

DURING THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| $13,076,809.35 | $1,744,551.66 | $607,022.37 | $1,495,661.28 | $235,828.43 | $262,390.81 | $36,056,305.83 |
| 307,903.89 | 3,450.72 | ..... | 37.51 | 415.24 | 17,715.65 | 1,717,957.37 |
| 14,549,042.53 | 1,136.28 | ..... | 1,453.36 | ..... | 6,510.04 | 15,435,039.00 |
| 11,064,526.75 | ..... | ..... | ..... | ..... | 1,235.52 | 12,587,957.90 |
| 2,664,553.10 | 23,344.04 | ..... | 3,396.30 | 1,515.64 | 64,386.43 | 3,621,962.86 |
| 41,662,835.62 | 1,772,482.70 | 607,022.37 | 1,500,548.45 | 237,759.31 | 352,238.45 | 69,419,222.96 |
| 102,647.00 | ..... | ..... | ..... | ..... | ..... | 30,685,791.66 |
| 19,576.48 | 10,997.34 | 90,226.51 | 61,852.07 | ..... | 1,976.43 | 6,208,164.96 |
| 41,785,059.10 | 1,783,480.04 | 697,248.88 | 1,562,400.52 | 237,759.31 | 354,214.88 | 106,313,179.58 |
| 4,632,042.43 | 30,189.53 | 17,222.82 | 78,295.11 | 1,026.57 | 1,098.12 | 53,207,524.95 |
| 1,803.23 | ..... | ..... | ..... | .60 | ..... | 5,339,298.58 |
| ..... | ..... | ..... | ..... | ..... | ..... | 431.29 |
| 1,664,574.46 | 32.64 | ..... | 13.57 | ..... | 520.37 | 2,117,487.97 |
| 1,087,796.82 | ..... | ..... | ..... | ..... | ..... | 1,087,835.05 |
| 525,320.02 | 452.56 | ..... | 55.38 | 40.26 | 1,505.59 | 712,426.85 |
| 7,911,536.96 | 30,674.73 | 17,222.82 | 78,364.06 | 1,067.43 | 3,124.08 | 62,465,004.69 |
| 51,718.68 | ..... | ..... | ..... | ..... | ..... | 326,046.75 |
| 16,891.15 | 449.75 | 1,412.51 | 1,651.32 | ..... | 51.84 | 1,035,141.19 |
| 7,980,141.74 | 31,124.48 | 18,635.33 | 80,015.38 | 1,067.43 | 3,175.92 | 63,826,192.63 |
| 49,574,372.58 | 1,803,157.43 | 624,245.19 | 1,578,912.51 | 238,826.74 | 355,362.53 | 131,884,227.65 |
| 122,228.48 | 10,997.34 | 90,226.51 | 61,852.07 | ..... | 1,976.43 | 36,893,956.62 |
| 68,604.78 | 449.75 | 1,412.51 | 1,651.32 | ..... | 51.84 | 1,361,187.94 |
| 49,765,200.84 | 1,814,604.52 | 715,884.21 | 1,642,415.90 | 238,826.74 | 357,390.80 | 170,139,372.21 |

III.—Deposits of Unrefined Gold of Domestic Production, with the States Distributed, by Weight, during the

| Locality. | Coinage Mints. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| Alabama | | | | 126.312 |
| Alaska | | 8,557.664 | | |
| Arizona | 24.873 | 18,071.416 | | 73.847 |
| California | 57.236 | 109,195.533 | 10,649.778 | |
| Colorado | 184.092 | 383.879 | 198.932 | |
| Georgia | 217.907 | | | 63.205 |
| Idaho | 7.145 | 2,877.613 | | |
| Maine | 5.064 | | | |
| Maryland | 6.125 | | | |
| Michigan | 4.118 | | | |
| Montana | 213.980 | 2,080.038 | | |
| Nevada | 397.159 | 6,251.571 | 41,327.301 | |
| New Mexico | 164.271 | 1,156.410 | | 10.913 |
| North Carolina | 303.155 | | | |
| Oregon | 9.384 | 7,297.955 | | |
| South Carolina | | | | |
| South Dakota | 652.089 | | 17.289 | |
| Tennessee | | | | |
| Texas | | | | 3.082 |
| Utah | | 3,447.923 | | |
| Virginia | 119.541 | | | |
| Washington | | 2,289.331 | | |
| Wyoming | 137.222 | 58.492 | | |
| Other sources | 1,912.958 | 31.199 | | |
| Total unrefined | 4,416.319 | 161,599.024 | 52,193.300 | 282.368 |
| Refined | 44,629.318 | 738,459.425 | | |
| Total gold | 49,045.637 | 900,058.449 | 52,193.300 | 282.368 |

AND TERRITORIES PRODUCING THE SAME, AND OF REFINED DOMESTIC BULLION NOT CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| 49. 737 | ..... | ..... | ..... | 49. 137 | 37. 954 | 263. 140 |
| ..... | ..... | ..... | ..... | ..... | ..... | 8, 557. 664 |
| 781. 575 | 2, 750. 510 | ..... | ..... | ..... | 60. 120 | 21, 767. 841 |
| 61. 800 | 1, 975. 009 | ..... | ..... | ..... | 51. 077 | 121, 991. 393 |
| 67, 977. 547 | 77, 069. 841 | ..... | ..... | ..... | 424. 230 | 146, 238. 521 |
| 22. 888 | ..... | ..... | ..... | 4, 526. 669 | 160. 516 | 4, 991. 185 |
| 808. 870 | 8, 244. 934 | 21, 955. 123 | 7, 864. 214 | ..... | ..... | 36, 757. 899 |
| ..... | ..... | ..... | ..... | ..... | ..... | 5. 064 |
| ..... | 4. 801 | ..... | ..... | ..... | ..... | 10. 926 |
| 1, 948. 485 | ..... | ..... | ..... | ..... | ..... | 1, 952. 603 |
| 18, 926. 566 | 22. 020 | ..... | 71, 898. 759 | ..... | ..... | 93, 091. 363 |
| 38. 535 | 5. 931 | ..... | ..... | ..... | ..... | 48, 020. 497 |
| 8, 736. 424 | 8, 114. 687 | ..... | ..... | ..... | 2, 488. 970 | 20, 671. 674 |
| 165. 621 | ..... | ..... | ..... | 1, 490. 653 | ..... | 1, 959. 429 |
| ..... | 253. 597 | 10, 672. 330 | ..... | ..... | ..... | 18, 233. 266 |
| ..... | ..... | ..... | ..... | 6, 609. 319 | ..... | 6, 609. 319 |
| 178, 360. 644 | ..... | ..... | ..... | ..... | 67. 776 | 179, 097. 798 |
| 12. 307 | ..... | ..... | ..... | ..... | ..... | 12. 307 |
| ..... | ..... | ..... | ..... | ..... | ..... | 3. 092 |
| 81. 095 | 81. 899 | ..... | ..... | ..... | ..... | 3, 610. 917 |
| 111. 567 | ..... | ..... | ..... | ..... | ..... | 231. 108 |
| 60. 525 | 5. 345 | ..... | 623. 460 | ..... | ..... | 2, 928. 661 |
| 44. 791 | 240. 118 | ..... | 5. 361 | ..... | ..... | 485. 964 |
| 9, 968. 677 | ..... | ..... | ..... | ..... | 5. 671 | 11, 918. 505 |
| 288, 157. 654 | 93, 769. 652 | 32, 627. 453 | 80, 391. 794 | 12, 675. 778 | 3, 286. 314 | 729, 409. 656 |
| 414, 720. 849 | ..... | ..... | ..... | ..... | 10, 807. 192 | 1, 208, 616. 784 |
| 702, 878. 503 | 93, 769. 652 | 32, 627. 453 | 80, 391. 794 | 12, 675. 778 | 14, 103. 506 | 1, 938, 026. 440 |

**IV.**—DEPOSITS OF UNREFINED GOLD OF DOMESTIC PRODUCTION, WITH THE STATES DISTRIBUTED, BY VALUE, DURING THE

| Locality. | COINAGE MINTS. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| Alabama | | | | $2,349.99 |
| Alaska | | $159,212.35 | | |
| Arizona | $462.75 | 336,212.39 | | 1,466.92 |
| California | 1,064.86 | 2,031,544.80 | $198,135.40 | |
| Colorado | 3,424.97 | 7,141.93 | 3,701.06 | |
| Georgia | 4,054.08 | | | 1,175.91 |
| Idaho | 132.93 | 53,536.99 | | |
| Maine | 94.21 | | | |
| Maryland | 113.95 | | | |
| Michigan | 76.61 | | | |
| Montana | 3,981.02 | 37,768.15 | | |
| Nevada | 7,389.00 | 116,308.30 | 768,880.02 | |
| New Mexico | 3,056.21 | 21,514.61 | | 208.01 |
| North Carolina | 5,640.09 | | | |
| Oregon | 174.59 | 135,775.91 | | |
| South Carolina | | | | |
| South Dakota | 12,131.89 | | 321.66 | |
| Tennessee | | | | |
| Texas | | | | 57.53 |
| Utah | | 64,147.40 | | |
| Virginia | 2,224.02 | | | |
| Washington | | 41,661.97 | | |
| Wyoming | 2,552.97 | 1,088.22 | | |
| Other sources | 35,589.92 | 580.45 | | |
| Total unrefined | 82,164.07 | 3,006,493.47 | 971,088.14 | 5,253.36 |
| Refined | 830,312.89 | 13,738,780.00 | | |
| Total gold | 912,476.96 | 16,745,273.47 | 971,088.14 | 5,253.36 |

AND TERRITORIES PRODUCING THE SAME, AND OF REFINED DOMESTIC BULLION NOT CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| $925.34 | ..... | ..... | ..... | $914.18 | $706.12 | $4,395.63 |
| ..... | ..... | ..... | ..... | ..... | ..... | 159,212.35 |
| 14,540.93 | $51,172.28 | ..... | ..... | ..... | 1,118.51 | 404,973.78 |
| 1,149.77 | 36,762.21 | ..... | ..... | ..... | 950.27 | 2,269,607.31 |
| 1,264,698.55 | 1,433,857.51 | ..... | ..... | ..... | 7,892.65 | 2,720,716.67 |
| 425.82 | ..... | ..... | ..... | 84,217.10 | 2,986.34 | 92,859.25 |
| 15,048.74 | 60,370.86 | $408,467.40 | $140,310.96 | ..... | ..... | 683,867.88 |
| ..... | ..... | ..... | ..... | ..... | ..... | 94.21 |
| ..... | 89.32 | ..... | ..... | ..... | ..... | 203.27 |
| 36,250.88 | ..... | ..... | ..... | ..... | ..... | 36,327.49 |
| 852,122.16 | 409.68 | ..... | 1,337,651.82 | ..... | ..... | 1,731,932.33 |
| 716.93 | 110.35 | ..... | ..... | ..... | ..... | 898,404.60 |
| 162,588.12 | 156,970.92 | ..... | ..... | ..... | 46,306.42 | 334,589.29 |
| 3,081.32 | ..... | ..... | ..... | 27,733.08 | ..... | 36,454.49 |
| ..... | 4,718.08 | 198,554.97 | ..... | ..... | ..... | 339,223.55 |
| ..... | ..... | ..... | ..... | 122,964.07 | ..... | 122,964.07 |
| 3,318,337.57 | ..... | ..... | ..... | ..... | 1,260.95 | 3,332,052.07 |
| 228.97 | ..... | ..... | ..... | ..... | ..... | 228.97 |
| ..... | ..... | ..... | ..... | ..... | ..... | 57.53 |
| 1,508.74 | 1,523.70 | ..... | ..... | ..... | ..... | 67,179.84 |
| 2,075.66 | ..... | ..... | ..... | ..... | ..... | 4,299.68 |
| 1,126.05 | 99.44 | ..... | 11,599.26 | ..... | ..... | 54,486.72 |
| 833.32 | 4,467.31 | ..... | 99.74 | ..... | ..... | 9,041.56 |
| 185,463.76 | ..... | ..... | ..... | ..... | 105.51 | 221,739.64 |
| 5,361,072.63 | 1,744,551.66 | 607,022.37 | 1,495,661.28 | 235,828.43 | 61,326.77 | 13,570,412.18 |
| 7,715,736.72 | ..... | ..... | ..... | ..... | 201,064.04 | 22,485,893.65 |
| 13,076,809.35 | 1,744,551.66 | 607,022.37 | 1,495,661.28 | 235,828.43 | 262,390.81 | 36,056,305.83 |

V.—Deposits of Unrefined Silver of Domestic Production, with the States Distributed, by Weight, during the

| Locality. | Coinage Mints. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| Alabama | | | | |
| Alaska | | 1,568.65 | | |
| Arizona | 9.34 | 8,473.50 | | 888.57 |
| California | 7.05 | 15,159.64 | 13,599.53 | |
| Colorado | 843.99 | 200.42 | 25.08 | |
| Georgia | 26.13 | | | |
| Idaho | .61 | 710.83 | | |
| Maryland | | | | |
| Michigan | 7,490.15 | | | |
| Montana | 51.89 | 168.16 | | |
| Nebraska | .44 | | | |
| Nevada | 269.96 | 4,739.76 | 863,505.04 | |
| New Mexico | 29.03 | 471.55 | | |
| North Carolina | 61.92 | | | |
| Oregon | .73 | 1,067.36 | | |
| South Carolina | | | | |
| South Dakota | 95.44 | | 1.12 | |
| Tennessee | | | | |
| Texas | | | | 2.95 |
| Utah | | 306.04 | | |
| Virginia | 5.32 | | | |
| Washington | | 525.99 | | |
| Wyoming | 46.54 | 10.32 | | |
| Other sources | 279.46 | 11.63 | | |
| Total unrefined | 9,217.99 | 33,408.85 | 877,130.77 | 890.52 |
| Refined | 32,658,591.13 | 3,926,167.92 | | 4,129,294.38 |
| Total | 32,667,809.11 | 3,959,576.77 | 877,130.77 | 4,130,182.90 |

AND TERRITORIES PRODUCING THE SAME, AND OF REFINED DOMESTIC BULLION NOT
CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| 11.40 | ..... | ..... | ..... | 14.47 | 12.50 | 38.37 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1,563.65 |
| 652.58 | 827.10 | ..... | ..... | ..... | 12.37 | 10,363.46 |
| 83.83 | 242.29 | ..... | ..... | ..... | 6.90 | 29,099.24 |
| 70,580.96 | 23,074.12 | ..... | ..... | ..... | 34.31 | 94,753.88 |
| 2.32 | ..... | ..... | ..... | 294.90 | 2.26 | 325.61 |
| 5,587.08 | 547.26 | 13,222.19 | 1,640.37 | ..... | ..... | 21,708.36 |
| ..... | .56 | ..... | ..... | ..... | ..... | .56 |
| 30,764.16 | ..... | ..... | ..... | ..... | ..... | 38,254.31 |
| 1,584,156.37 | 1.56 | ..... | 65,495.60 | ..... | ..... | 1,649,373.53 |
| ..... | ..... | ..... | ..... | ..... | ..... | .44 |
| 5.94 | 4.17 | ..... | ..... | ..... | ..... | 868,524.87 |
| 228,602.31 | 1,161.69 | ..... | ..... | ..... | 868.54 | 226,138.11 |
| 20.52 | ..... | ..... | ..... | 217.00 | ..... | 299.44 |
| ..... | 46.13 | 1,578 68 | ..... | ..... | ..... | 2,692.90 |
| ..... | ..... | ..... | ..... | 355.84 | ..... | 355.84 |
| 29,626.94 | ..... | ..... | ..... | ..... | 6.47 | 29,729.97 |
| .58 | ..... | ..... | ..... | ..... | ..... | .58 |
| ..... | ..... | ..... | ..... | ..... | ..... | 9.95 |
| 30.35 | 13.77 | ..... | ..... | ..... | ..... | 350.16 |
| 10.58 | ..... | ..... | ..... | ..... | ..... | 15.90 |
| 6.68 | 1.13 | ..... | 148.54 | ..... | ..... | 682.34 |
| 2.74 | 24.33 | ..... | .35 | ..... | ..... | 84.28 |
| 93.163.48 | ..... | ..... | ..... | ..... | .86 | 93,454.93 |
| 2,038,308.82 | 25,944.13 | 14,800.87 | 67,284.86 | 882.21 | 943.71 | 3,068,320.73 |
| 1,942,352.65 | ..... | ..... | ..... | ..... | ..... | 42,656,396.07 |
| 3,980,661.47 | 25,944.13 | 14,800.87 | 67,284.86 | 882.21 | 943.71 | 45,725,216.80 |

VI.—DEPOSITS OF UNREFINED SILVER OF DOMESTIC PRODUCTION, WITH THE BULLION NOT DISTRIBUTED, BY VALUE, DURING

| Locality. | COINAGE MINTS. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| Alabama | | | | |
| Alaska | | $1,819.52 | | |
| Arizona | $10.87 | 9,860.07 | | $1,033.97 |
| California | 8.20 | 17,640.31 | $15,824.91 | |
| Colorado | 982.10 | 233.21 | 29.18 | |
| Georgia | 30.41 | | | |
| Idaho | .71 | 827.15 | | |
| Maryland | | | | |
| Michigan | 8,715.31 | | | |
| Montana | 60.38 | 195.68 | | |
| Nebraska | .51 | | | |
| Nevada | 314.13 | 5,515.36 | 1,004,805.86 | |
| New Mexico | 33.77 | 548.71 | | |
| North Carolina | 72.05 | | | |
| Oregon | .85 | 1,242.02 | | |
| South Carolina | | | | |
| South Dakota | 111.06 | | 1.30 | |
| Tennessee | | | | |
| Texas | | | | 11.58 |
| Utah | | 356.12 | | |
| Virginia | 6.19 | | | |
| Washington | | 612.06 | | |
| Wyoming | 54.16 | 12.01 | | |
| Other sources | 325.19 | 13.53 | | |
| Total unrefined | 10,726.39 | 38,875.75 | 1,020,661.25 | 1,045.55 |
| Refined | 38,002,724.21 | 4,568,631.76 | | 4,804,985.46 |
| Total | 38,013,450.60 | 4,607,507.51 | 1,020,661.25 | 4,806,031.01 |

STATES AND TERRITORIES PRODUCING THE SAME, AND OF REFINED DOMESTIC THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| $13.27 | ..... | ..... | ..... | $16.83 | $14.54 | $44.64 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1,819.52 |
| 759.36 | $962.44 | ..... | ..... | ..... | 14.39 | 12,641.10 |
| 97.55 | 281.94 | ..... | ..... | ..... | 8.03 | 33,360.94 |
| 82,130.57 | 26,849.89 | ..... | ..... | ..... | 39.92 | 110,264.87 |
| 2.70 | ..... | ..... | ..... | 343.16 | 2.63 | 378.90 |
| 6,501.33 | 636.83 | $15,385.82 | $1,908.79 | ..... | ..... | 25,260.63 |
| ..... | .65 | ..... | ..... | ..... | ..... | .65 |
| 35,798.29 | ..... | ..... | ..... | ..... | ..... | 44,514.10 |
| 1,843,881.96 | 1.82 | ..... | 76,213.06 | ..... | ..... | 1,919,852.90 |
| ..... | ..... | ..... | ..... | ..... | ..... | .51 |
| 6.91 | 4.85 | ..... | ..... | ..... | ..... | 1,010,647.11 |
| 260,191.78 | 1,351.78 | ..... | ..... | ..... | 1,010.66 | 263,186.70 |
| 23.88 | ..... | ..... | ..... | 252.51 | ..... | 348.44 |
| ..... | 53.68 | 1,837.00 | ..... | ..... | ..... | 3,133.55 |
| ..... | ..... | ..... | ..... | 414.07 | ..... | 414.07 |
| 34,474.98 | ..... | ..... | ..... | ..... | 7.53 | 34,594.87 |
| .68 | ..... | ..... | ..... | ..... | ..... | .68 |
| ..... | ..... | ..... | ..... | ..... | ..... | 11.58 |
| 35.32 | 16.02 | ..... | ..... | ..... | ..... | 407.46 |
| 12.31 | ..... | ..... | ..... | ..... | ..... | 13.50 |
| 7.77 | 1.32 | ..... | 172.35 | ..... | ..... | 794.00 |
| 3.19 | 28.31 | ..... | .41 | ..... | ..... | 98.08 |
| 108,408.41 | ..... | ..... | ..... | ..... | .42 | 108,747.55 |
| 2,371,850.26 | 30,189.53 | 17,222.82 | 78,295.11 | 1,026.57 | 1,098.12 | 3,570,991.35 |
| 2,260,192.17 | ..... | ..... | ..... | ..... | ..... | 49,636,583.60 |
| 4,632,042.43 | 30,189.53 | 17,222.82 | 78,295.11 | 1,026.57 | 1,098.12 | 53,207,574.95 |

VII.—BARS MANUFACTURED OF GOLD AND SILVER, BY WEIGHT,

| Description. | COINAGE MINTS. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| GOLD. | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| Fine bars | 56,946.577 | | 31,173.352 | 31.430 |
| Mint bars | 3,781.769 | | | |
| Standard bars | | | | |
| Unparted bars | | | | |
| Total gold | 60,728.346 | | 31,173.352 | 31.430 |
| SILVER. | | | | |
| Fine bars | 12,591.58 | 99.11 | 50,712.69 | |
| Mint bars | | | | |
| Standard bars | | | | |
| Unparted bars | | | | |
| Total silver | 12,591.58 | 99.11 | 50,712.69 | |

VIII.—BARS MANUFACTURED OF GOLD AND SILVER, BY VALUE,

| Description. | COINAGE MINTS. | | | |
|---|---|---|---|---|
| | Philadelphia. | San Francisco. | Carson. | New Orleans. |
| GOLD. | | | | |
| Fine bars | $1,059,471.20 | | $579,969.34 | $584.74 |
| Mint bars | 70,358.49 | | | |
| Standard bars | | | | |
| Unparted bars | | | | |
| Total gold | 1,129,829.69 | | 579,969.34 | 584.74 |
| SILVER. | | | | |
| Fine bars | 14,652.00 | 115.33 | 59,011.13 | |
| Mint bars | | | | |
| Standard bars | | | | |
| Unparted bars | | | | |
| Total silver | 14,652.00 | 115.33 | 59,011.13 | |
| Total value of gold and silver bars | 1,144,481.69 | 115.33 | 638,980.47 | 584.74 |

DURING THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* | *Standard ozs.* |
| 1,432,125.899 | ..... | ..... | ..... | ..... | ..... | 1,520,277.258 |
| 664,554.980 | ..... | ..... | ..... | ..... | ..... | 668,336.699 |
| 184,758.367 | ..... | ..... | ..... | ..... | ..... | 184,758.367 |
| .723 | 95,862.052 | 37,477.128 | 83,979.028 | 12,779.563 | 19,089.050 | 249,137.544 |
| 2,281,439.919 | 95,862.052 | 37,477.128 | 83,979.028 | 12,779.563 | 19,089.050 | 2,572,509.868 |
| 5,912,649.09 | ..... | ..... | ..... | ..... | ..... | 5,976,052.47 |
| 101,165.68 | ..... | ..... | ..... | ..... | ..... | 101,165.68 |
| 43,691.85 | ..... | ..... | ..... | ..... | ..... | 43,691.85 |
| 785,446.64 | 26,747.61 | 16,014.75 | 68,763.23 | 917.32 | 2,729.32 | 900,618.87 |
| 6,842,953.26 | 26,747.61 | 16,014.75 | 68,763.23 | 917.32 | 2,729.32 | 7,021,528.87 |

DURING THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

| ASSAY OFFICES. | | | | | | Total. |
|---|---|---|---|---|---|---|
| New York. | Denver. | Boise. | Helena. | Charlotte. | St. Louis. | |
| 28,644,202.77 | ..... | ..... | ..... | ..... | ..... | 28,284,228.05 |
| 12,363,812.65 | ..... | ..... | ..... | ..... | ..... | 12,434,171.14 |
| 2,507,132.41 | ..... | ..... | ..... | ..... | ..... | 2,507,132.41 |
| 13.45 | 1,783,480.04 | 697,248.88 | 1,562,400.52 | 237,759.31 | 354,214.88 | 4,635,117.08 |
| 41,515,161.28 | 1,783,480.04 | 697,248.88 | 1,562,400.52 | 237,759.31 | 354,214.88 | 47,860,648.68 |
| 6,880,173.49 | ..... | ..... | ..... | ..... | ..... | 6,958,951.95 |
| 117,720.07 | ..... | ..... | ..... | ..... | ..... | 117,720.07 |
| 50,841.42 | ..... | ..... | ..... | ..... | ..... | 50,841.42 |
| 913,974.27 | 31,124.48 | 18,635.33 | 80,015.38 | 1,067.43 | 3,175.92 | 1,047,992.81 |
| 7,962,709.25 | 31,124.48 | 18,635.33 | 80,015.38 | 1,067.43 | 3,175.92 | 8,170,506.25 |
| 49,477,870.53 | 1,814,604.52 | 715,884.21 | 1,642,415.90 | 238,826.74 | 357,390.80 | 56,031,154.93 |

## IX.—Coinage Executed at the Mints of the United States

| Denominations. | PHILADELPHIA. | | SAN FRANCISCO. | |
|---|---|---|---|---|
| | Pieces. | Value. | Pieces. | Value. |
| GOLD. | | | | |
| Double eagles | 344,339 | $6,886,780.00 | 996,175 | $19,923,500.00 |
| Eagles | 1,840,895 | 18,408,950.00 | 141,350 | 1,413,500.00 |
| Half eagles | 1,528,197 | 7,640,985.00 | 224,000 | 1,120,000.00 |
| Quarter eagles | 30,106 | 75,265.00 | ..... | ..... |
| Total gold | 3,743,537 | 33,011,980.00 | 1,361,525 | 22,457,000.00 |
| SILVER. | | | | |
| Dollars, act July 14, 1890 | 378,792 | 378,792.00 | 100,000 | 100,000.00 |
| Subsidiary: | | | | |
| Half dollars | 1,826,792 | 913,396.00 | 740,000 | 370,000.00 |
| Half dollars—Columbian | 4,052,105 | 2,026,052.50 | ..... | ..... |
| Quarter dollars | 5,444,792 | 1,361,198.00 | 1,454,535 | 363,633.75 |
| Quarter dollars—Columbian | 40,023 | 10,005.75 | ..... | ..... |
| Dimes | 3,340,792 | 334,079.20 | 2,491,401 | 249,140.10 |
| Total subsidiary | 14,704,504 | 4,644,731.45 | 4,685,936 | 982,773.85 |
| Total silver | 15,083,296 | 5,023,523.45 | 4,785,936 | 1,082,773.85 |
| MINOR. | | | | |
| Five cents | 13,370,195 | 668,509.75 | ..... | ..... |
| One cent | 46,642,195 | 466,421.95 | ..... | ..... |
| Total minor | 60,012,390 | 1,134,931.70 | ..... | ..... |
| Total coinage | 78,839,223 | 39,170,435.15 | 6,147,461 | 23,539,773.85 |

DURING THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

| CARSON.* | | NEW ORLEANS. | | TOTAL. | |
|---|---|---|---|---|---|
| Pieces. | Value. | Pieces. | Value. | Pieces. | Value. |
| 13,402 | $368,040.00 | ..... | ..... | 1,858,916 | $27,178,320.00 |
| 14,000 | 140,000.00 | 17,000 | $170,000.00 | 2,013,245 | 20,132,450.00 |
| 60,000 | 300,000.00 | 110,000 | 550,000.00 | 1,922,197 | 9,610,985.00 |
| ..... | ..... | ..... | ..... | 30,106 | 75,265.00 |
| 92,402 | 808,040.00 | 127,000 | 720,000.00 | 5,324,464 | 56,997,020.00 |
| 677,000 | 677,000.00 | 300,000 | 300,000.00 | 1,455,792 | 1,455,792.00 |
| ..... | ..... | 1,389,000 | 694,500.00 | 3,955,792 | 1,977,896.00 |
| ..... | ..... | ..... | ..... | 4,052,105 | 2,026,052.50 |
| ..... | ..... | 3,396,000 | 849,000.00 | 10,295,327 | 2,573,831.75 |
| ..... | ..... | ..... | ..... | 40,023 | 10,005.75 |
| ..... | ..... | 1,760,000 | 176,000.00 | 7,592,193 | 759,219.30 |
| ..... | ..... | 6,545,000 | 1,719,500.00 | 25,935,440 | 7,347,005.30 |
| 677,000 | 677,000.00 | 6,845,000 | 2,019,500.00 | 27,391,232 | 8,802,797.30 |
| ..... | ..... | ..... | ..... | 13,870,195 | 668,509.75 |
| ..... | ..... | ..... | ..... | 46,642,195 | 466,421.95 |
| ..... | ..... | ..... | ..... | 60,012,390 | 1,134,931.70 |
| 769,402 | 1,485,040.00 | 6,972,000 | 2,739,500.00 | 92,728,086 | 66,934,749.00 |

* Coinage at U. S. mint at Carson, Nev., suspended from June 1, 1893, under order of May 23.

NOTE.

Coinage of silver dollars:

| | |
|---|---|
| Act February 28, 1878 | $378,166,793 |
| Act July 14, 1890 | 36,087,512 |
| Act March 31, 1891 | 5,078,472 |
| Total coinage | 419,332,777 |

The largest coinage of silver dollars was during March, 1890, when 3,600,265 pieces were coined; however, in December, the same year, 3,549,166 silver dollars were coined, and in addition $323,510.25 in subsidiary coinage was also executed, making $3,872,676.25, the heaviest silver coinage executed during any one month.

## X.—Assets and Liabilities of the United States Mints and Assay Offices December 31, 1893.

### ASSETS.

| Institutions. | GOLD BULLION. | | SILVER BULLION. | | Value of bullion shipped for coinage. | Gold coin. |
|---|---|---|---|---|---|---|
| | Standard ounces. | Value. | Standard ounces. | Value. | | |
| COINAGE MINTS. | | | | | | |
| Philadelphia... | 1,613,664,187 | $30,021,659.37 | 132,417,375.50 | $107,949,034.89 | ..... | $4,977,018.70 |
| San Francisco . | 188,026,685 | 3,498,170.86 | 13,910,685.02 | 11,484,337.10 | $15.62 | 2,048,025.00 |
| New Orleans .. | 99,710,062 | 1,855,071.42 | 10,139,344.64 | 7,909,265.44 | ..... | 718,150.00 |
| Carson ..... | 29,186,336 | 543,001.63 | 817,316.60 | 588,865.36 | ..... | 158,925.63 |
| ASSAY OFFICES. | | | | | | |
| New York..... | 2,608,885,377 | 48,532,378.81 | 444,737.45 | 439,727.76 | ..... | 7,518,901.00 |
| Denver ..... | 4,097,261 | 76,228.12 | 1,147.88 | 688.73 | ..... | ..... |
| Helena ..... | 2,581,701 | 48,031.65 | 923.73 | 554.24 | 34,804.47 | ..... |
| Boise ..... | 1,132,751 | 21,074.44 | 285.15 | 171.09 | 14,141.07 | ..... |
| Charlotte ..... | 1,247,888 | 23,216.52 | 86.75 | 52.01 | ..... | ..... |
| St. Louis..... | 705,930 | 13,133.58 | 106.36 | 63.82 | ..... | ..... |
| Total .... | 4,549,238,178 | 84,631,966.40 | 157,782,009.08 | 128,372,760.44 | 48,961.16 | 15,421,020.33 |

| Institutions. | Silver coin. | Lawful money. | Minor coin. | Minor coinage metal. | Old deficiencies and burnt currency. | Total. |
|---|---|---|---|---|---|---|
| COINAGE MINTS. | | | | | | |
| Philadelphia... | $50,975,735.54 | ..... | $254,929.38 | $22,577.71 | ..... | $194,200,955.59 |
| San Francisco . | 36,312,306.79 | ..... | ..... | ..... | 413,557.96 | 53,756,413.33 |
| New Orleans... | 7,804,024.69 | ..... | ..... | ..... | 25,000.00 | 18,311,511.55 |
| Carson..... | 5,379,685.14 | ..... | ..... | ..... | ..... | 6,670,477.76 |
| ASSAY OFFICES. | | | | | | |
| New York..... | 78,610.57 | ..... | ..... | ..... | ..... | 56,569,618.14 |
| Denver ..... | ..... | 49,243.05 | ..... | ..... | ..... | 126,159.90 |
| Helena ..... | ..... | 116,342.39 | ..... | ..... | ..... | 189,732.75 |
| Boise ..... | ..... | 31,694.03 | ..... | ..... | ..... | 67,080.63 |
| Charlotte..... | ..... | 18,361.69 | ..... | ..... | ..... | 41,630.22 |
| St. Louis ..... | ..... | 38,545.88 | ..... | ..... | ..... | 51,743.28 |
| Total .... | 100,550,362.73 | 254,187.04 | 254,929.38 | 22,577.71 | 438,557.96 | 329,995,323.15 |

X.—ASSETS AND LIABILITIES OF THE UNITED STATES MINTS AND ASSAY OFFICES DECEMBER 31, 1893—Continued.

LIABILITIES.

| Institutions. | Bullion fund. | Undeposited earnings. | Seigniorage on silver. | Unpaid depositors. |
|---|---|---|---|---|
| COINAGE MINTS. | | | | |
| Philadelphia | $193,872,537.16 | ..... | $196.81 | $50,712.53 |
| San Francisco | 53,677,191.81 | ..... | ..... | 79,221.52 |
| New Orleans | 18,310,816.45 | ..... | ..... | 695.10 |
| Carson | 6,670,477.76 | ..... | ..... | ..... |
| ASSAY OFFICES. | | | | |
| New York | 56,549,113.42 | $12,349.22 | ..... | 8,155.50 |
| Denver | 124,211.59 | 1,948.31 | ..... | ..... |
| Helena | 198,325.24 | 1,407.51 | ..... | ..... |
| Boise | 66,691.46 | 389.17 | ..... | ..... |
| Charlotte | 41,362.94 | 267.28 | ..... | ..... |
| St. Louis | 50,000.00 | 50.40 | ..... | 1,692.88 |
| Total | 329,560,727.83 | 16,411.89 | 196.81 | 140,477.53 |

| Institutions. | Minor coinage profits. | Minor coin metal fund. | Unpaid cent depositors. | Total. |
|---|---|---|---|---|
| COINAGE MINTS. | | | | |
| Philadelphia | $248,937.09 | $28,500.00 | $70.00 | $194,200,955.59 |
| San Francisco | ..... | ..... | ..... | 53,756,413.33 |
| New Orleans | ..... | ..... | ..... | 18,311,511.55 |
| Carson | ..... | ..... | ..... | 6,670,477.76 |
| ASSAY OFFICES. | | | | |
| New York | ..... | ..... | ..... | 56,569,618.14 |
| Denver | ..... | ..... | ..... | 126,159.90 |
| Helena | ..... | ..... | ..... | 199,732.75 |
| Boise | ..... | ..... | ..... | 67,080.63 |
| Charlotte | ..... | ..... | ..... | 41,630.22 |
| St. Louis | ..... | ..... | ..... | 51,743.28 |
| Total | 248,937.09 | 28,500.00 | 70.00 | 329,995,323.15 |

XI.—UNREFINED GOLD AND SILVER OF DOMESTIC PRODUCTION, WITH THE STATES AND TERRITORIES PRODUCING THE SAME, AND REFINED DOMESTIC BULLION NOT DISTRIBUTED, BY VALUE, DEPOSITED AT THE MINTS AND ASSAY OFFICES FROM THEIR ORGANIZATION TO THE CLOSE OF THE CALENDAR YEAR ENDING DECEMBER 31, 1893.

| Locality. | Gold. | Silver. | Total. |
|---|---|---|---|
| Alabama | $242,994.19 | $200.32 | $243,[illegible] |
| Alaska | 1,214,370.50 | 12,399.01 | 1,226,[illegible] |
| Arizona | 6,263,396.74 | 14,072,438.46 | 20,335,835.20 |
| California | 764,544,210.73 | 4,193,433.25 | 768,737,643.98 |
| Colorado | 66,299,232.91 | 24,698,612.78 | 90,997,845.69 |
| Georgia | 9,112,328.05 | 6,431.85 | 9,118,759.90 |
| Idaho | 34,408,967.25 | 1,946,463.25 | 36,355,430.50 |
| Maine | 6,058.31 | 22.03 | 6,080.34 |
| Maryland | 17,578.38 | 40.91 | 17,619.29 |
| Michigan | 382,312.41 | 4,021,293.68 | 4,403,606.09 |
| Missouri | 13.90 | 359.11 | 373.01 |
| Montana | 71,246,945.15 | 21,475,954.37 | 92,722,899.52 |
| Nebraska | 1,921.79 | 273,226.13 | 275,147.92 |
| Nevada | 32,915,010.58 | 103,694,510.01 | 136,609,520.59 |
| New Hampshire | 481.34 | 1.75 | 483.09 |
| New Mexico | 5,670,872.80 | 6,839,378.02 | 12,510,250.82 |
| North Carolina | 11,726,629.90 | 65,986.71 | 11,792,616.61 |
| Oregon | 21,520,149.08 | 89,447.31 | 21,609,596.39 |
| South Carolina | 2,221,590.59 | 3,575.84 | 2,225,166.43 |
| South Dakota | 47,831,708.53 | 1,019,281.12 | 48,850,989.65 |
| Tennessee | 90,525.26 | 13.33 | 90,538.59 |
| Texas | 3,585.69 | 3,443.50 | 7,029.19 |
| Utah | 1,311,986.59 | 19,912,061.69 | 21,224,048.28 |
| Vermont | 78,489.66 | 84.36 | 78,574.02 |
| Virginia | 1,754,785.02 | 418.37 | 1,755,203.39 |
| Washington | 804,056.70 | 11,084.55 | 815,141.25 |
| Wyoming | 826,544.61 | 12,889.76 | 839,434.37 |
| Other sources | 41,725,121.05 | 42,798,373.31 | 84,523,494.36 |
| Total unrefined | 1,122,221,867.71 | 245,151,433.77 | 1,367,373,301.48 |
| Refined bullion | 424,189,853.65 | 521,623,966.38 | 945,813,820.03 |
| Grand total | 1,546,411,721.36 | 766,775,400.15 | 2,313,187,121.51 |

## XII.—Product of Gold and Silver in the United States from 1792–1844, and annually since.

[The estimate for 1702–1873 is by R. W. Raymond, Commissioner, and since by the Director of the mint.]

| Years. | Gold. | Silver. | Total. |
|---|---|---|---|
| April 2, 1792—July 31, 1834 | $14,000,000 | Insignificant. | $14,000,000 |
| July 31, 1834—December 31, 1844 | 7,500,000 | $250,000 | 7,750,000 |
| 1845 | 1,008,327 | 50,000 | 1,058,327 |
| 1846 | 1,139,357 | 50,000 | 1,189,357 |
| 1847 | 889,085 | 50,000 | 939,085 |
| 1848 | 10,000,000 | 50,000 | 10,050,000 |
| 1849 | 40,000,000 | 50,000 | 40,050,000 |
| 1850 | 50,000,000 | 50,000 | 50,050,000 |
| 1851 | 55,000,000 | 50,000 | 55,050,000 |
| 1852 | 60,000,000 | 50,000 | 60,050,000 |
| 1853 | 65,000,000 | 50,000 | 65,050,000 |
| 1854 | 60,000,000 | 50,000 | 60,050,000 |
| 1855 | 55,000,000 | 50,000 | 55,050,000 |
| 1856 | 55,000,000 | 50,000 | 55,050,000 |
| 1857 | 55,000,000 | 50,000 | 55,050,000 |
| 1858 | 50,000,000 | 500,000 | 50,500,000 |
| 1859 | 50,000,000 | 100,000 | 50,100,000 |
| 1860 | 46,000,000 | 150,000 | 46,150,000 |
| 1861 | 43,000,000 | 2,000,000 | 45,000,000 |
| 1862 | 39,200,000 | 4,500,000 | 43,700,000 |
| 1863 | 40,000,000 | 8,500,000 | 48,500,000 |
| 1864 | 46,100,000 | 11,000,000 | 57,100,000 |
| 1865 | 53,225,000 | 11,250,000 | 64,475,000 |
| 1866 | 53,500,000 | 10,000,000 | 63,500,000 |
| 1867 | 51,725,000 | 13,500,000 | 65,225,000 |
| 1868 | 48,000,000 | 12,000,000 | 60,000,000 |
| 1869 | 49,500,000 | 12,000,000 | 61,500,000 |
| 1870 | 50,000,000 | 16,000,000 | 66,000,000 |
| 1871 | 43,500,000 | 23,000,000 | 66,500,000 |
| 1872 | 36,000,000 | 28,750,000 | 64,750,000 |
| 1873 | 36,000,000 | 35,750,000 | 71,750,000 |
| 1874 | 33,500,000 | 37,300,000 | 70,800,000 |
| 1875 | 33,400,000 | 31,700,000 | 65,100,000 |
| 1876 | 39,900,000 | 38,800,000 | 78,700,000 |
| 1877 | 46,900,000 | 39,800,000 | 86,700,000 |
| 1878 | 51,200,000 | 45,200,000 | 96,400,000 |
| 1879 | 38,900,000 | 40,800,000 | 79,700,000 |
| 1880 | 36,000,000 | 39,200,000 | 75,200,000 |
| 1881 | 34,700,000 | 43,000,000 | 77,700,000 |
| 1882 | 32,500,000 | 46,800,000 | 79,300,000 |
| 1883 | 30,000,000 | 46,200,000 | 76,200,000 |
| 1884 | 30,800,000 | 48,800,000 | 79,600,000 |
| 1885 | 31,800,000 | 51,600,000 | 83,400,000 |
| 1886 | 35,000,000 | 51,000,000 | 86,000,000 |
| 1887 | 33,000,000 | 53,350,000 | 86,350,000 |
| 1888 | 33,175,000 | 59,195,000 | 92,370,000 |
| 1889 | 32,800,000 | 64,646,000 | 97,446,000 |
| 1890 | 32,845,000 | 70,464,000 | 103,309,000 |
| 1891 | 33,175,000 | 75,417,000 | 108,592,000 |
| 1892 | 33,000,000 | 82,101,000 | 115,101,000 |
| 1893 | 35,955,000 | 77,576,000 | 113,531,000 |
| Total | 1,973,836,769 | 1,232,849,000 | 3,206,685,769 |

## XIII.—WELLS, FARGO & Co. (EXPRESS AND BANKING), PRECIOUS METALS PRODUCT, UNITED STATES AND MEXICO.

SAN FRANCISCO, *December 31, 1898.*

The following is our annual report of precious metals produced in the States and Territories west of the Missouri River (including British Columbia) during 1898, which shows in the aggregate: Gold, $34,202,691; silver, $38,491,521; copper, $23,631,339; lead, $7,756,040. Total gross result, $104,081,591. The "commercial" value at which the several metals named herein have been estimated, is, silver, 74 cents per ounce; copper, 10 cents per pound; and lead, $3.50 per cwt.

As in former reports, allowance must be made for probable variations from exact figures, by reason of constantly increasing facilities for transporting bullion, ores, and base metals from the mines outside of the express and the difficulty of getting entirely reliable data from private sources. Estimates obtained in this way are liable to be exaggerated and are, to a considerable degree, guess work; but with some modifications on this account, made herein, the general results reached, while only approximately correct, may be accepted as the closest approximation possible under the circumstances.

| States and territories. | Gold dust and bullion by express. | Gold dust and bullion by other conveyances. | Silver bullion by express. | Ores and base bullion by freight. | Total. |
|---|---|---|---|---|---|
| California | $9,697,036 | $1,475,000 | $357,005 | $1,667,907 | $13,196,948 |
| Nevada | 1,418,603 | ..... | 1,296,889 | 847,579 | 3,563,051 |
| Oregon | 1,076,977 | 75,000 | 111,662 | ..... | 1,263,639 |
| Washington | 249,553 | 25,000 | 128,852 | ..... | 403,405 |
| Alaska | ..... | 918,246 | ..... | ..... | 918,246 |
| Idaho | 1,645,000 | ..... | 1,481,973 | 904,167 | 4,031,140 |
| Montana | 3,100,500 | ..... | 10,780,000 | 18,550,000 | 32,380,500 |
| Utah | 377,352 | ..... | 1,041,115 | 7,518,397 | 8,936,864 |
| Colorado | 7,229,643 | ..... | 16,369,257 | 3,878,635 | 27,477,535 |
| New Mexico | 302,541 | 125,000 | 207,857 | 977,487 | 1,612,885 |
| Arizona | 1,082,348 | 225,000 | 224,769 | 5,858,298 | 7,390,415 |
| Dakota | 2,283,000 | ..... | 200,000 | 15,000 | 2,498,000 |
| Texas | ..... | ..... | 315,000 | ..... | 315,000 |
| British Columbia | 253,968 | ..... | ..... | ..... | 253,968 |
| Total | 28,716,521 | 2,843,246 | 32,304,359 | 40,217,465 | 104,081,591 |

The gross yield for 1898, shown above, segregated, is approximately as follows:

| | |
|---|---|
| Gold, 32.86 | $34,202,691 |
| Silver, 36.98 | 38,491,521 |
| Copper, 22.71 | 23,631,339 |
| Lead, 7.45 | 7,756,040 |
| Total | 104,081,591 |

ANNUAL PRODUCTS OF LEAD, COPPER, SILVER, AND GOLD IN THE STATES AND TERRITORIES WEST OF THE MISSOURI RIVER, 1870–1893.

| Year. | Production as per Wells, Fargo & Co's statements, including amounts from British Columbia and west Coast of Mexico. | Product after deducting amounts from British Columbia and west coast of Mexico. | Net products of States and Territories west of the Missouri River, exclusive of British Columbia and west coast of Mexico. | | | |
|---|---|---|---|---|---|---|
| | | | Lead. | Copper. | Silver. | Gold. |
| 1870 | $54,000,000 | $52,150,000 | $1,080,000 | ..... | $17,320,000 | $33,750,000 |
| 1871 | 58,284,000 | 55,784,000 | 2,100,000 | ..... | 19,286,000 | 34,398,000 |
| 1872 | 62,236,959 | 60,351,824 | 2,250,000 | ..... | 19,924,429 | 38,177,395 |
| 1873 | 72,258,693 | 70,139,860 | 3,450,000 | ..... | 27,483,302 | 39,206,558 |
| 1874 | 74,401,045 | 71,965,610 | 3,800,000 | ..... | 29,699,122 | 38,466,488 |
| 1875 | 80,889,057 | 76,703,433 | 5,100,000 | ..... | 31,635,289 | 39,968,194 |
| 1876 | 90,875,173 | 87,219,859 | 5,040,000 | ..... | 39,292,924 | 42,886,935 |
| 1877 | 98,421,754 | 95,811,582 | 5,085,250 | ..... | 45,846,109 | 44,880,223 |
| 1878 | 81,154,622 | 78,276,167 | 3,452,000 | ..... | 37,248,137 | 37,576,030 |
| 1879 | 75,349,501 | 72,688,888 | 4,185,769 | ..... | 37,032,857 | 31,470,262 |
| 1880 | 80,167,936 | 77,232,512 | 5,742,390 | $898,000 | 38,033,055 | 32,559,067 |
| 1881 | 84,504,417 | 81,198,474 | 6,361,902 | 1,195,000 | 42,987,613 | 30,653,959 |
| 1882 | 92,411,835 | 89,207,549 | 8,008,155 | 4,055,037 | 48,133,039 | 29,011,318 |
| 1883 | 90,813,612 | 84,639,212 | 8,163,550 | 5,683,921 | 42,975,101 | 27,816,640 |
| 1884 | 84,975,954 | 81,633,835 | 6,834,091 | 6,086,252 | 43,529,925 | 25,183,567 |
| 1885 | 90,181,260 | 87,311,382 | 8,562,991 | 7,838,036 | 44,516,509 | 26,393,756 |
| 1886 | 103,011,761 | 100,160,222 | 9,185,192 | 9,276,755 | 52,136,851 | 29,561,424 |
| 1887 | 104,645,959 | 103,327,770 | 9,631,073 | 10,362,746 | 50,833,884 | 32,500,067 |
| 1888 | 114,341,592 | 112,665,569 | 11,263,689 | 18,261,490 | 53,153,747 | 29,987,702 |
| 1889 | 127,977,836 | 126,723,284 | 14,593,323 | 14,798,763 | 64,808,637 | 32,527,661 |
| 1890 | 127,166,410 | 126,804,855 | 11,509,571 | 20,569,092 | 62,930,831 | 31,795,361 |
| 1891 | 118,237,441 | 117,946,565 | 12,385,780 | 13,261,663 | 60,614,004 | 31,685,118 |
| 1892 | 111,531,709 | 111,259,508 | 11,433,947 | 19,370,516 | 50,607,601 | 29,847,444 |
| 1893 | 104,081,591 | 103,827,623 | 7,756,040 | 23,631,339 | 38,491,521 | 33,948,723 |

The exports of silver during the past year to Japan, China, the Straits, etc., have been as follows: From London, $55,973,825; from San Francisco, $11,741,660. Total, $67,715,485, as against $67,342,524 last year. Pounds sterling estimated at $4.84.

STATEMENT OF THE PRODUCT OF GOLD AND SILVER IN THE REPUBLIC OF MEXICO, REVISED AND CORRECTED FROM 1877 TO 1893.

[Values upon mintage basis.]

| Years. | Gold. | Silver. | Total. |
|---|---|---|---|
| 1877–'78 | $747,000 | $24,837,000 | $25,584,000 |
| 1878–'79 | 881,000 | 25,125,000 | 26,006,000 |
| 1879–'80 | 942,000 | 26,800,000 | 27,742,000 |
| 1880–'81 | 1,013,000 | 29,234,000 | 30,247,000 |
| 1881–'82 | 937,000 | 29,329,000 | 30,266,000 |
| 1882–'83 | 956,000 | 29,569,000 | 30,525,000 |
| 1883–'84 | 1,055,000 | 31,695,000 | 32,750,000 |
| 1884–'85 | 914,000 | 33,226,000 | 34,140,000 |
| 1885–'86 | 1,026,000 | 34,112,000 | 35,138,000 |
| 1886–'87 | 1,047,000 | 34,600,000 | 35,647,000 |
| 1887–'88 | 1,031,000 | 34,912,000 | 35,943,000 |
| 1888–'89 | 1,040,000 | 40,706,000 | 41,746,000 |
| 1889–'90 | 1,100,000 | 41,500,000 | 42,600,000 |
| 1890–'91 | 1,150,000 | 43,000,000 | 44,150,000 |
| 1891–'92 | 1,275,000 | 45,750,000 | 47,025,000 |
| 1892–'93 | 1,400,000 | 48,500,000 | 49,900,000 |
| Total | 16,514,000 | 552,895,000 | 569,409,000 |

EXHIBIT OF COINAGE OF GOLD, SILVER, AND COPPER, IN THE REPUBLIC OF MEXICO, FROM JULY 1, 1873, to JUNE 30, 1893.

| Years. | Gold dollars. | Silver dollars. | Copper dollars. |
|---|---|---|---|
| 1873–'74 | $866,743 | $18,846,067 | $15,906 |
| 1874–'75 | 862,619 | 19,386,958 | 21,712 |
| 1875–'76 | 809,401 | 19,454,054 | 30,654 |
| 1876–'77 | 695,750 | 21,415,128 | 9,635 |
| 1877–'78 | 691,998 | 22,084,203 | 41,364 |
| 1878–'79 | 658,206 | 22,162,987 | 16,300 |
| 1879–'80 | 521,826 | 24,018,528 | 14,035 |
| 1880–'81 | 492,068 | 24,617,395 | 42,256 |
| 1881–'82 | 452,590 | 25,146,260 | 11,972 |
| 1882–'83 | 407,600 | 24,083,921 | ..... |
| 1883–'84 | 328,698 | 25,377,379 | ..... |
| 1884–'85 | 423,250 | 25,840,728 | ..... |
| 1885–'86 | 425,000 | 25,850,000 | ..... |
| 1886–'87 | 410,000 | 25,600,000 | ..... |
| 1887–'88 | 340,320 | 26,711,000 | ..... |
| 1888–'89 | 305,100 | 25,274,500 | ..... |
| 1889–'90 | 243,298 | 24,328,326 | ..... |
| 1890–'91 | 308,000 | 24,238,000 | ..... |
| 1891–'92 | 291,940 | 25,527,000 | ..... |
| 1892–'93 | 361,672 | 27,169,876 | ..... |
| Total | 9,896,079 | 477,132,310 | 203,296 |

*Summary.*—Totals: Gold, $9,896,079; silver, $477,132,310; copper, $203,296. Grand total, $487,231,685.

EXHIBIT OF THE COINAGE OF MEXICO FROM THE ESTABLISHMENT OF THE MINTS IN 1537 TO THE END OF THE FISCAL YEAR OF 1893.

| | Gold. | Silver. | Copper. | Total. |
|---|---|---|---|---|
| COLONIAL EPOCH. | | | | |
| Unmilled coin from 1537 to 1731 | $8,497,950 | $752,067,456 | $200,000 | $760,765,406 |
| Pillar coin 1732 to 1771 | 19,889,014 | 441,629,211 | ..... | 461,518,225 |
| Bust coin 1772 to 1821 | 40,391,447 | 888,563,969 | 342,893 | 929,298,329 |
| | 68,778,411 | 2,082,260,656 | 542,893 | 2,151,581,960 |
| INDEPENDENCE. | | | | |
| Iturbide's imperial bust, from 1822 to 1823 | 557,392 | 18,575,569 | ..... | 19,132,961 |
| Republic eagle—1824 to June 30, 1873 | 45,040,628 | 740,246,485 | 5,235,177 | 790,522,290 |
| | 45,598,020 | 758,822,054 | 5,235,177 | 809,655,251 |
| REPUBLIC. | | | | |
| Eagle coin from July 1, 1873, to June 30, 1893 | 9,890,079 | 477,132,810 | 208,296 | 487,231,685 |

SUMMARY.

Colonial Epoch, from 1537 to 1821, $2,151,581,960; Independence, from 1822 to 1873, $809,655,251; Republic, from 1873 to 1893, $487,231,685. Total, $3,448,468,896.

The returns from Mexico continue to show a steady forward movement, in full accord with the healthy progress of mineral developments and mining interests in the United States.

JNO. J. VALENTINE,
*President.*

XIV.—HIGHEST, LOWEST, AND AVERAGE PRICE OF BAR SILVER IN LONDON, PER OUNCE BRITISH STANDARD (.925), SINCE 1833, AND THE EQUIVALENT IN UNITED STATES GOLD COIN OF AN OUNCE 1,000 FINE, TAKEN AT THE AVERAGE PRICE.

| Calendar year. | Lowest quotation. | Highest quotation. | Average quotation. | Value of a fine ounce at average quotation. | Calendar year. | Lowest quotation. | Highest quotation. | Average quotation. | Value of a fine ounce at average quotation. |
|---|---|---|---|---|---|---|---|---|---|
| | *d.* | *d.* | *d.* | *Dollars.* | | *d.* | *d.* | *d.* | *Dollars.* |
| 1833 | 58 3/4 | 59 1/8 | 59 3/16 | 1.297 | 1864 | 60 3/8 | 62 1/8 | 61 1/8 | 1.345 |
| 1834 | 59 1/4 | 60 1/8 | 59 11/16 | 1.313 | 1865 | 60 1/2 | 61 3/8 | 61 1/16 | 1.336 |
| 1835 | 59 1/2 | 60 | 59 11/16 | 1.308 | 1866 | 60 3/8 | 62 1/4 | 61 1/8 | 1.339 |
| 1836 | 59 3/8 | 60 3/8 | 60 | 1.315 | 1867 | 60 3/8 | 61 1/2 | 60 15/16 | 1.326 |
| 1837 | 59 | 60 3/8 | 59 5/16 | 1.305 | 1868 | 60 1/2 | 61 1/2 | 60 1/2 | 1.326 |
| 1838 | 59 1/2 | 60 1/2 | 59 1/2 | 1.304 | 1869 | 60 | 61 | 60 7/16 | 1.325 |
| 1839 | 60 | 60 3/8 | 60 3/8 | 1.323 | 1870 | 60 1/4 | 60 3/4 | 60 5/16 | 1.323 |
| 1840 | 60 1/2 | 60 3/4 | 60 3/8 | 1.323 | 1871 | 60 5/16 | 61 | 60 1/2 | 1.326 |
| 1841 | 59 3/4 | 60 3/8 | 60 1/16 | 1.316 | 1872 | 59 1/4 | 61 1/2 | 60 5/16 | 1.322 |
| 1842 | 59 3/4 | 60 | 59 7/16 | 1.303 | 1873 | 57 3/8 | 59 11/16 | 59 1/4 | 1.298 |
| 1843 | 59 | 59 5/8 | 59 5/16 | 1.297 | 1874 | 57 1/4 | 59 1/2 | 58 5/16 | 1.278 |
| 1844 | 59 1/2 | 59 3/4 | 59 1/2 | 1.304 | 1875 | 55 1/2 | 57 5/8 | 56 3/8 | 1.246 |
| 1845 | 58 3/8 | 59 3/8 | 59 1/4 | 1.298 | 1876 | 46 3/4 | 58 1/2 | 52 3/8 | 1.136 |
| 1846 | 59 | 60 1/2 | 59 5/16 | 1.30 | 1877 | 53 1/4 | 58 1/4 | 54 13/16 | 1.201 |
| 1847 | 58 3/8 | 60 3/8 | 59 11/16 | 1.308 | 1878 | 49 1/2 | 55 1/4 | 52 5/16 | 1.152 |
| 1848 | 58 1/2 | 60 | 59 1/2 | 1.304 | 1879 | 48 3/4 | 53 3/8 | 51 1/4 | 1.123 |
| 1849 | 59 1/2 | 60 | 59 3/4 | 1.309 | 1880 | 51 5/8 | 52 3/4 | 52 1/4 | 1.145 |
| 1850 | 59 1/2 | 61 1/2 | 61 1/16 | 1.316 | 1881 | 50 3/4 | 52 3/4 | 51 13/16 | 1.136 |
| 1851 | 60 | 61 3/8 | 61 | 1.337 | 1882 | 50 | 52 3/8 | 51 1/16 | 1.126 |
| 1852 | 59 3/4 | 61 3/4 | 60 3/8 | 1.326 | 1883 | 50 | 51 5/16 | 50 3/8 | 1.11 |
| 1853 | 60 3/8 | 61 3/4 | 61 1/2 | 1.348 | 1884 | 49 1/2 | 51 3/8 | 50 1/2 | 1.113 |
| 1854 | 60 3/4 | 61 3/4 | 61 1/2 | 1.348 | 1885 | 46 7/8 | 50 | 48 5/16 | 1.0645 |
| 1855 | 60 | 61 3/8 | 61 5/16 | 1.344 | 1886 | 42 | 47 | 45 3/8 | 0.9946 |
| 1856 | 60 1/2 | 62 1/4 | 61 5/16 | 1.344 | 1887 | 42 1/4 | 47 1/8 | 44 3/8 | 0.97233 |
| 1857 | 61 | 62 3/8 | 61 3/8 | 1.353 | 1888 | 41 3/8 | 44 5/16 | 42 3/8 | 0.92897 |
| 1858 | 60 1/2 | 61 7/8 | 61 5/16 | 1.344 | 1889 | 42 | 44 3/8 | 41 11/16 | 0.93512 |
| 1859 | 61 1/4 | 62 1/2 | 62 1/16 | 1.36 | 1890 | 43 3/8 | 54 3/8 | 47 3/4 | 1.04633 |
| 1860 | 61 1/2 | 62 3/8 | 61 11/16 | 1.352 | 1891 | 43 1/2 | 48 1/2 | 45 1/16 | 0.98732 |
| 1861 | 60 1/2 | 61 3/8 | 60 13/16 | 1.333 | 1892 | 37 7/8 | 43 3/4 | 39 1/2 | 0.87106 |
| 1862 | 61 | 62 1/2 | 61 7/16 | 1.346 | 1893 | 30 1/2 | 38 3/8 | 35 5/16 | 0.78031 |
| 1863 | 61 | 61 3/4 | 61 3/8 | 1.345 | | | | | |

## XV.—Commercial Ratio of Silver to Gold each Year since 1687.

[Note.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer; from 1833 to 1878 from Pixley and Abell's tables; and from 1879 to 1890 from daily cablegrams from London to the Bureau of the Mint.]

| Year. | Ratio. | Year. | Ratio. | Year. | Ratio. | Year. | Ratio. | Year. | Ratio. | Year. | Ratio. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1687.... | 14.94 | 1722... | 15.17 | 1757... | 14.87 | 1792... | 15.17 | 1827... | 15.74 | 1862... | 15.35 |
| 1688.... | 14.94 | 1723... | 15.20 | 1758... | 14.85 | 1793... | 15.00 | 1828... | 15.78 | 1863... | 15.37 |
| 1689.... | 15.02 | 1724... | 15.11 | 1759... | 14.15 | 1794... | 15.37 | 1829... | 15.78 | 1864... | 15.37 |
| 1690.... | 15.02 | 1725... | 15.11 | 1760... | 14.14 | 1795... | 15.55 | 1830... | 15.82 | 1865... | 15.44 |
| 1691.... | 14.98 | 1726... | 15.15 | 1761... | 14.54 | 1796... | 15.65 | 1831... | 15.72 | 1866... | 15.43 |
| 1692.... | 14.92 | 1727... | 15.24 | 1762... | 15.27 | 1797... | 15.41 | 1832... | 15.73 | 1867... | 15.57 |
| 1693.... | 14.88 | 1728... | 15.11 | 1763... | 14.99 | 1798... | 15.59 | 1833... | 15.93 | 1868... | 15.59 |
| 1694.... | 14.87 | 1729... | 14.92 | 1764... | 14.70 | 1799... | 15.74 | 1834... | 15.73 | 1869... | 15.60 |
| 1695.... | 15.02 | 1730... | 14.81 | 1765... | 14.83 | 1800... | 15.68 | 1835... | 15.80 | 1870... | 15.57 |
| 1696.... | 15.00 | 1731... | 14.94 | 1766... | 14.80 | 1801... | 15.46 | 1836... | 15.72 | 1871... | 15.57 |
| 1697.... | 15.20 | 1732... | 15.09 | 1767... | 14.85 | 1802... | 15.26 | 1837... | 15.83 | 1872... | 15.63 |
| 1698.... | 15.07 | 1733... | 15.18 | 1768... | 14.80 | 1803... | 15.41 | 1838... | 15.85 | 1873... | 15.92 |
| 1699.... | 14.94 | 1734... | 15.39 | 1769... | 14.72 | 1804... | 15.41 | 1839... | 15.62 | 1874... | 16.17 |
| 1700.... | 14.81 | 1735... | 15.41 | 1770... | 14.62 | 1805... | 15.79 | 1840... | 15.62 | 1875... | 16.59 |
| 1701.... | 15.07 | 1736... | 15.18 | 1771... | 14.66 | 1806... | 15.52 | 1841... | 15.70 | 1876... | 17.88 |
| 1702.... | 15.52 | 1737... | 15.02 | 1772... | 14.52 | 1807... | 15.43 | 1842... | 15.87 | 1877... | 17.22 |
| 1703.... | 15.17 | 1738... | 14.91 | 1773... | 14.62 | 1808... | 16.08 | 1843... | 15.93 | 1878... | 17.94 |
| 1704.... | 15.22 | 1739... | 14.91 | 1774... | 14.62 | 1809... | 15.96 | 1844... | 15.85 | 1879... | 18.40 |
| 1705.... | 15.11 | 1740... | 14.94 | 1775... | 14.72 | 1810... | 15.77 | 1845... | 15.92 | 1880... | 18.05 |
| 1706.... | 15.27 | 1741... | 14.92 | 1776... | 14.55 | 1811... | 15.53 | 1846... | 15.90 | 1881... | 18.16 |
| 1707.... | 15.44 | 1742... | 14.85 | 1777... | 14.54 | 1812... | 16.11 | 1847... | 15.80 | 1882... | 18.19 |
| 1708.... | 15.41 | 1743... | 14.85 | 1778... | 14.68 | 1813... | 16.25 | 1848... | 15.85 | 1883... | 18.64 |
| 1709.... | 15.31 | 1744... | 14.87 | 1779... | 14.80 | 1814... | 15.04 | 1849... | 15.78 | 1884... | 18.57 |
| 1710.... | 15.22 | 1745... | 14.98 | 1780... | 14.72 | 1815... | 15.26 | 1850... | 15.70 | 1885... | 19.41 |
| 1711.... | 15.29 | 1746... | 15.13 | 1781... | 14.78 | 1816... | 15.28 | 1851... | 15.46 | 1886... | 20.78 |
| 1712.... | 15.31 | 1747... | 15.26 | 1782... | 14.42 | 1817... | 15.11 | 1852... | 15.59 | 1887... | 21.13 |
| 1713.... | 15.24 | 1748... | 15.11 | 1783... | 14.48 | 1818... | 15.35 | 1853... | 15.33 | 1888... | 21.99 |
| 1714.... | 15.13 | 1749... | 14.80 | 1784... | 14.70 | 1819... | 15.33 | 1854... | 15.33 | 1889... | 22.10 |
| 1715.... | 15.11 | 1750... | 14.55 | 1785... | 14.92 | 1820... | 15.62 | 1855... | 15.38 | 1890... | 19.76 |
| 1716.... | 15.09 | 1751... | 14.39 | 1786... | 14.96 | 1821... | 15.95 | 1856... | 15.38 | 1891... | 20.92 |
| 1717.... | 15.13 | 1752... | 14.54 | 1787... | 14.92 | 1822... | 15.80 | 1857... | 15.27 | 1892... | 23.72 |
| 1718.... | 15.11 | 1753... | 14.54 | 1788... | 14.65 | 1823... | 15.84 | 1858... | 15.38 | 1893... | 26.49 |
| 1719.... | 15.09 | 1754... | 14.48 | 1789... | 14.75 | 1824... | 15.82 | 1859... | 15.19 | | |
| 1720.... | 15.04 | 1755... | 14.68 | 1790... | 15.04 | 1825... | 15.70 | 1860... | 15.29 | | |
| 1721.... | 15.05 | 1756... | 14.94 | 1791... | 15.05 | 1826... | 15.76 | 1861... | 15.50 | | |

## XVI.—Monthly Statement of Silver Bullion Purchased by the Mints During the Calenar Year 1893 under the Act of July 14, 1890.

| Months. | PHILADELPHIA. | | SAN FRANCISCO. | | NEW ORLEANS. | |
|---|---|---|---|---|---|---|
| | Fine ounces. | Cost. | Fine ounces. | Cost. | Fine ounces. | Cost. |
| January | 3,467,890.78 | $2,906,717.94 | 440,315.15 | $368,748.36 | 392,061.09 | $327,922.08 |
| February | 3,282,556.67 | 2,760,608.55 | 587,875.69 | 493,372.78 | 414,786.57 | 348,690.07 |
| March | 3,221,826.74 | 2,688,959.87 | 439,787.03 | 366,977.95 | 490,715.74 | 410,364.61 |
| April | 3,839,432.30 | 3,199,688.18 | 300,683.58 | 250,930.93 | 342,891.81 | 282,341.74 |
| May | 4,160,562.80 | 3,483,583.09 | 333,188.08 | 279,023.80 | 464,990.62 | 389,621.08 |
| June | 3,542,847.21 | 2,954,494.69 | 486,296.97 | 406,693.46 | 423,502.96 | 352,471.82 |
| July | 1,064,861.24 | 763,039.60 | | | 302,370.26 | 218,657.15 |
| August | 3,307,887.20 | 2,426,647.19 | 604,572.76 | 442,664.38 | 401,912.24 | 290,824.17 |
| September | 1,598,262.90 | 1,186,866.11 | 265,071.19 | 196,312.42 | 329,157,96 | 244,194.95 |
| October | 2,253,701.70 | 1,659,136.39 | 341,785.04 | 248,530.77 | 302,350.25 | 223,642.14 |
| November | 773,387.96 | 545,904.54 | 19,973.71 | 13,980.90 | 50,325.83 | 35,225.09 |
| December | | | | | | |
| Total | 30,512,717.50 | 24,575,646.15 | 3,819,498.20 | 3,067,235.75 | 3,815,065.34 | 3,042,894.31 |

| Months. | CARSON. | | TOTAL. | |
|---|---|---|---|---|
| | Fine ounces. | Cost. | Fine ounces. | Cost. |
| January | 101,368.00 | $84,270.59 | 4,401,635.02 | $3,687,658.97 |
| February | 71,134.35 | 59,590.44 | 4,356,353.28 | 3,662,201.84 |
| March | 74,416.56 | 62,208.00 | 4,226,746.07 | 3,538,509.83 |
| April | 61,713.65 | 51,491.63 | 4,444,721.34 | 3,704,452.48 |
| May | 83,663.67 | 70,118.10 | 5,042,405.17 | 4,222,346.07 |
| June | 53,193.40 | 44,222.49 | 4,505,840.54 | 3,757,882.56 |
| July | 105,747.07 | 76,855.26 | 1,472,978.57 | 1,058,552.61 |
| August | 58,116.36 | 42,515.19 | 4,371,988.56 | 3,202,650.98 |
| September | 71,210.47 | 52,375.85 | 2,263,702.54 | 1,679,749.33 |
| October | 61,251.01 | 44,889.98 | 2,959,038.00 | 2,175,199.28 |
| November | 6,264.62 | 4,259.33 | 849,951.11 | 599,389.77 |
| December | | | | |
| Total | 748,079.16 | 592,796.86 | 38,895,360.20 | 31,273,573.97 |

**XVII.—Quantity and Cost of Silver Used in the Coinage of Silver Dollars, Wasted and Sold in Sweeps, During the Calendar Year 1893, Under the Act of July 14, 1890.**

MINT AT PHILADELPHIA.

| Months. | Coined. | | Wasted and sold in sweeps. | | Total employment. | | Dollars coined. | Seignorage. |
|---|---|---|---|---|---|---|---|---|
| | Standard ounces. | Cost. | Standard ounces. | Cost. | Standard ounces. | Cost. | | |
| Jan | 171,875.00 | $144,737.70 | ..... | ..... | 171,875.00 | $144,737.70 | 200,000.00 | $55,262.30 |
| Feb | 128,906.25 | 108,175.21 | ..... | ..... | 128,906.25 | 108,175.21 | 150,000.00 | 41,824.79 |
| Mar | 275.00 | 229.98 | ..... | ..... | 275.00 | 229.98 | 320.00 | 90.02 |
| Apr | 24,062.50 | 20,045.52 | ..... | ..... | 24,062.50 | 20,045.52 | 28,000.00 | 7,954.48 |
| May | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| June | 124.61 | 103.10 | 70,004.74 | $5,795.69 | 7,129.35 | 5,898.79 | 145.00 | 41.90 |
| July | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Aug | ..... | ..... | 113.22 | 92.96 | 113.22 | 92.96 | ..... | ..... |
| Sept | 85.94 | 70.36 | ..... | ..... | 85.94 | 70.36 | 100.00 | 29.64 |
| Oct | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nov | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dec | 195.08 | 158.91 | ..... | ..... | 195.08 | 158.91 | 227.00 | 68.09 |
| Total | 325,524.38 | 273,520.78 | 7,117.95 | 5,888.65 | 332,642.34 | 279,409.43 | 378,792.00 | 105,271.22 |

MINT AT SAN FRANCISCO.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Jan | 85,937.50 | $72,356.82 | ..... | ..... | 85,937.50 | $72,356.82 | 100,000.00 | $27,643.18 |
| Feb | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Mar | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Apr | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| May | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| June | ..... | ..... | 1,117.22 | $920.82 | 1,117.22 | 920.82 | ..... | ..... |
| July | ..... | ..... | 1,932.48 | 1,592.76 | 1,932.48 | 1,592.76 | ..... | ..... |
| Aug | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sept | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Oct | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nov | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dec | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 85,937.50 | 72,356.82 | 3,049.70 | 2,513.58 | 88,987.20 | 74,870.40 | 100,00.00 | 27,543.18 |

MINT AT NEW ORLEANS.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Jan | 257,812.50 | $208,591.25 | ..... | ..... | 257,812.50 | $208,591.25 | 300,000.00 | $91,408.75 |
| Feb | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Mar | ..... | ..... | 762.64 | $611.20 | 762.64 | 611.20 | ..... | ..... |
| Apr | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| May | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| June | ..... | ..... | 5,124.96 | 4,069.04 | 5,124.96 | 4,069.04 | ..... | ..... |
| July | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Aug | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sept | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Oct | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nov | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dec | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 257,812.50 | 208,591.25 | 5,887.60 | 4,680.24 | 263,700.10 | 213,271.49 | 300,000.00 | 91,408.75 |

## XVII.—Quantity and Cost of Silver Used in the Coinage of Silver Dollars, Wasted and Sold in Sweeps, etc.—Continued.

### MINT AT CARSON.

| Months. | COINED. | | WASTED AND SOLD IN SWEEPS. | | TOTAL EMPLOYMENT. | | DOLLARS COINED. | SEIGNIORAGE. |
|---|---|---|---|---|---|---|---|---|
| | Standard ounces. | Cost. | Standard ounces. | Cost. | Standard ounces. | Cost. | | |
| Jan | 111,718.75 | $87,208.95 | ..... | ..... | 111,718.75 | $87,208.95 | 130,000.00 | $42,791.05 |
| Feb | 128,906.25 | 100,207.88 | ..... | ..... | 128,906.25 | 100,207.88 | 150,000.00 | 49,792.12 |
| Mar | 120,312.50 | 93,115.27 | ..... | ..... | 120,312.50 | 93,115.27 | 140,000.00 | 46,884.73 |
| Apr | 103,125.00 | 79,518.38 | ..... | ..... | 103,125.00 | 79,518.38 | 120,000.00 | 40,481.62 |
| May | 117,734.37 | 90,444.28 | ..... | ..... | 117,734.37 | 90,444.28 | 137,000.00 | 46,555.72 |
| June | ..... | ..... | 2,593.40 | $2,395.55 | 2,593.40 | 2,395.55 | ..... | ..... |
| July | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Aug | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sept | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Oct | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nov | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dec | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 581,796.87 | 450,494.76 | 2,593.40 | 2,395.55 | 584,390.27 | 452,890.31 | 677,000.00 | 226,505.24 |

### RECAPITULATION.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Jan | 627,343.75 | $512,894.72 | ..... | ..... | 627,343.75 | $512,894.72 | 730,000.00 | $217,105.28 |
| Feb | 257,812.50 | 208,383.09 | ..... | ..... | 257,812.50 | 208,383.09 | 300,000.00 | 91,616.91 |
| Mar | 120,587.50 | 93,345.25 | 762.64 | $611.20 | 121,350.14 | 93,956.45 | 140,320.00 | 46,974.75 |
| Apr | 127,187.50 | 99,563.90 | ..... | ..... | 127,187.50 | 99,563.90 | 148,000.00 | 48,436.10 |
| May | 117,734.37 | 90,444.28 | ..... | ..... | 117,734.37 | 90,444.28 | 137,000.00 | 46,555.72 |
| June | 124.61 | 103.10 | 15,840.32 | 13,181.10 | 15,964.93 | 13,284.20 | 145.00 | 41.90 |
| July | ..... | ..... | 1,932.48 | 1,592.76 | 1,932.48 | 1,592.76 | ..... | ..... |
| Aug | ..... | ..... | 113.22 | 92.96 | 113.22 | 92.96 | ..... | ..... |
| Sept | 85.94 | 70.36 | ..... | ..... | 85.94 | 70.36 | 100.00 | 29.64 |
| Oct | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nov | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dec | 195.08 | 158.91 | ..... | ..... | 195.08 | 158.91 | 227.00 | 68.09 |
| Total | 1,251,071.25 | 1,004,963.61 | 18,648.66 | 15,478.02 | 1,269,719.91 | 1,020,441.63 | 1,455,792.00 | 450,828.39 |

## XVIII.—Imports and Exports of Gold and Silver During the Calendar Year ended December 31, 1893.

### IMPORTS.

| Ports. | BULLION. | | |
|---|---|---|---|
| | Gold. | Silver. | Total. |
| **NEW YORK, N. Y.** | | | |
| January | $39,949 | $47,350 | $87,299 |
| February | 54,298 | 15,877 | 70,175 |
| March | 47,493 | 31,705 | 79,198 |
| April | 76,777 | 16,486 | 93,263 |
| May | 163,234 | 106,610 | 269,844 |
| June | 45,924 | 64,415 | 110,239 |
| July | 1,708,599 | 54,713 | 1,763,312 |
| August | 6,853,675 | 60,484 | 6,914,159 |
| September | 1,460,874 | 57,333 | 1,518,207 |
| October | 58,981 | 81,165 | 140,146 |
| November | 1,855,153 | 53,767 | 1,908,920 |
| December | 42,434 | 19,145 | 61,579 |
| Total | 12,407,291 | 609,050 | 13,016,341 |
| **SAN FRANCISCO, CAL.** | | | |
| January | 30,470 | 207,134 | 237,604 |
| February | 8,610 | 148,111 | 156,721 |
| March | 20,154 | 181,606 | 201,760 |
| April | 12,508 | 176,483 | 188,991 |
| May | 26,258 | 152,223 | 178,481 |
| June | 19,950 | 154,784 | 174,734 |
| July | 29,820 | 72,104 | 101,924 |
| August | 40,150 | 92,817 | 132,967 |
| September | 123,740 | 170,409 | 294,149 |
| October | 288,297 | 117,631 | 405,928 |
| November | 46,726 | 129,564 | 176,290 |
| December | 31,027 | 122,272 | 153,299 |
| Total | 677,710 | 1,725,138 | 2,402,848 |
| **ALL OTHER PORTS.** | | | |
| January | 185,235 | 137,506 | 322,741 |
| February | 164,461 | 139,841 | 304,302 |
| March | 159,422 | 241,480 | 400,902 |
| April | 129,330 | 227,730 | 357,060 |
| May | 143,716 | 327,766 | 471,482 |
| June | 164,916 | 315,417 | 480,333 |
| July | 157,397 | 201,805 | 359,202 |
| August | 104,436 | 186,522 | 290,958 |
| September | 115,728 | 172,017 | 287,745 |
| October | 123,582 | 205,345 | 328,927 |
| November | 79,012 | 231,512 | 310,524 |
| December | 88,611 | 148,243 | 236,854 |
| Total | 1,615,846 | 2,535,184 | 4,151,030 |
| Total imports (bullion) | 14,700,847 | 4,869,372 | 19,570,219 |

## XVIII.—Imports and Exports of Gold and Silver, etc.—Continued.

### IMPORTS—Continued.

| Ports. | COIN. | | | | | | Total. |
|---|---|---|---|---|---|---|---|
| | GOLD. | | | SILVER. | | | |
| | United States. | Foreign. | Total. | United States. | Foreign. | Total. | |
| NEW YORK, N. Y. | | | | | | | |
| January | $41,632 | $5,312 | $46,944 | $1,626 | $19,946 | $21,572 | $68,516 |
| February | 36,873 | 788,434 | 825,307 | 1,025 | 616,496 | 617,521 | 1,442,828 |
| March | 58,093 | 4,088,548 | 4,146,641 | 885 | 110,498 | 111,383 | 4,258,024 |
| April | 38,738 | 528,556 | 567,294 | 2,099 | 63,381 | 65,480 | 632,774 |
| May | 28,960 | 927 | 29,887 | 60 | 126,557 | 126,617 | 156,504 |
| June | 709,401 | 5,151 | 714,552 | 8,417 | 66,118 | 74,535 | 789,087 |
| July | 635,096 | 3,231,487 | 3,866,583 | 1,713 | 68,613 | 70,326 | 3,936,909 |
| August | 25,456,301 | 7,973,058 | 33,429,359 | 3,097 | 232,892 | 235,989 | 33,665,348 |
| September | 1,674,484 | 2,890,491 | 4,564,975 | 4,594 | 403,891 | 408,485 | 4,973,460 |
| October | 265,413 | 499,463 | 764,876 | 1,734 | 36,326 | 38,060 | 802,936 |
| November | 160,753 | 1,613,626 | 1,774,379 | 454 | 1,963 | 2,417 | 1,776,796 |
| December | 146,045 | 128,056 | 274,101 | 1,497 | 22,637 | 24,134 | 298,235 |
| Total | 29,251,789 | 21,753,109 | 51,004,898 | 27,201 | 1,779,318 | 1,806,519 | 52,811,417 |
| SAN FRANCISCO, CAL. | | | | | | | |
| January | 5,915 | 200 | 6,115 | ..... | 16,794 | 16,794 | 22,909 |
| February | ..... | 813 | 813 | 1,600 | 17,899 | 19,499 | 20,312 |
| March | ..... | 2,512 | 2,512 | ..... | 27,416 | 27,416 | 29,928 |
| April | 876 | ..... | 876 | ..... | 12,354 | 12,354 | 13,230 |
| May | 780 | 200 | 980 | ..... | 4,208 | 4,208 | 5,188 |
| June | 22,810 | ..... | 22,810 | ..... | 14,721 | 14,721 | 37,531 |
| July | 171,648 | 288 | 171,936 | ..... | 17,018 | 17,018 | 188,954 |
| August | 31,747 | ..... | 31,747 | ..... | 115,637 | 115,637 | 147,384 |
| September | 8,411 | 365,013 | 373,424 | ..... | 38,011 | 38,011 | 411,435 |
| October | 26,390 | 296,900 | 323,290 | ..... | 78,118 | 78,118 | 401,408 |
| November | 17,446 | 487,074 | 504,520 | ..... | 33,238 | 33,238 | 537,758 |
| December | 31,106 | 243,630 | 274,736 | ..... | 12,893 | 12,893 | 287,629 |
| Total | 317,129 | 1,396,630 | 1,713,759 | 1,600 | 388,307 | 389,907 | 2,103,666 |
| ALL OTHER PORTS. | | | | | | | |
| January | 11,380 | 50,750 | 62,130 | 4,650 | 1,510,074 | 1,514,724 | 1,576,854 |
| February | 196,550 | 7,500 | 204,050 | 12,288 | 1,159,840 | 1,172,128 | 1,376,178 |
| March | 2,226,215 | 6,000 | 2,232,215 | 9,522 | 646,953 | 656,475 | 2,888,690 |
| April | 3,300 | 13,900 | 17,200 | 6,959 | 400,615 | 407,574 | 424,774 |
| May | 1,283,600 | 60,882 | 1,344,482 | 9,455 | 1,035,353 | 1,044,808 | 2,389,290 |
| June | 12,830 | 28,800 | 41,630 | 9,808 | 952,430 | 962,238 | 1,003,868 |
| July | 12,154 | 4,124 | 16,278 | 11,099 | 590,553 | 601,652 | 617,930 |
| August | 1,084,522 | 28,142 | 1,112,664 | 8,794 | 1,801,033 | 1,809,827 | 2,922,491 |
| September | 24,919 | 15,285 | 40,204 | 8,023 | 1,060,511 | 1,068,534 | 1,108,738 |
| October | ..... | 24,911 | 24,911 | 6,775 | 890,975 | 897,750 | 922,661 |
| November | 161,950 | 49,835 | 211,785 | 10,261 | 457,703 | 467,964 | 679,749 |
| December | 35,336 | ..... | 35,336 | 9,451 | 595,881 | 605,332 | 640,668 |
| Total | 5,052,756 | 290,129 | 5,342,885 | 107,085 | 11,101,921 | 11,209,006 | 16,551,891 |
| Total imports (coin) | 34,621,674 | 23,439,868 | 58,061,542 | 135,886 | 13,269,546 | 13,405,432 | 71,466,974 |

## XVIII.—Imports and Exports of Gold and Silver, etc.—Continued.

### DOMESTIC EXPORTS.

| PORTS. | BULLION. | | | | | | |
|---|---|---|---|---|---|---|---|
| | GOLD. | | | SILVER. | | | Total. |
| | U. S. Mint or assay office bars. | Other bullion. | Total. | U. S. Mint or assay office bars. | Other bullion. | Total. | |
| NEW YORK, N. Y. | | | | | | | |
| January | ..... | $200 | $200 | ..... | $2,180,350 | $2,180,350 | $2,180,550 |
| February | ..... | 225 | 225 | ..... | 1,247,925 | 1,247,925 | 1,248,150 |
| March | ..... | ..... | ..... | ..... | 2,117,655 | 2,117,655 | 2,117,655 |
| April | ..... | 1,700 | 1,700 | ..... | 1,618,100 | 1,618,100 | 1,619,800 |
| May | ..... | 66,832 | 66,832 | ..... | 2,114,300 | 2,114,300 | 2,181,132 |
| June | ..... | 9,790 | 9,790 | ..... | 2,837,946 | 2,837,946 | 2,847,736 |
| July | ..... | 800 | 800 | ..... | 4,007,628 | 4,007,628 | 4,008,428 |
| August | ..... | 13,100 | 13,100 | ..... | 2,084,602 | 2,084,602 | 2,097,702 |
| September | ..... | 900 | 900 | ..... | 2,279,390 | 2,279,390 | 2,280,290 |
| October | ..... | 24,960 | 24,960 | ..... | 2,085,797 | 2,085,797 | 2,110,757 |
| November | ..... | 31,630 | 31,630 | ..... | 2,667,498 | 2,667,498 | 2,699,128 |
| December | ..... | 9,100 | 9,100 | ..... | 3,875,772 | 3,875,772 | 3,884,872 |
| Total | ..... | 159,237 | 159,237 | ..... | 29,116,963 | 29,116,963 | 29,276,200 |
| SAN FRANCISCO, CAL. | | | | | | | |
| January | ..... | ..... | ..... | ..... | 157,500 | 157,500 | 157,500 |
| February | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| March | ..... | 190 | 190 | ..... | ..... | ..... | 190 |
| April | ..... | 1,310 | 1,310 | ..... | 292,200 | 292,200 | 293,510 |
| May | ..... | ..... | ..... | ..... | 179,900 | 179,900 | 179,900 |
| June | ..... | 27 | 27 | ..... | 194,500 | 194,500 | 194,527 |
| July | ..... | 50 | 50 | ..... | 202,956 | 202,956 | 203,006 |
| August | ..... | 265 | 265 | ..... | 232,000 | 232,000 | 232,265 |
| September | ..... | 210 | 210 | ..... | 184,100 | 184,100 | 184,310 |
| October | ..... | 807 | 807 | ..... | 158,500 | 158,500 | 158,807 |
| November | ..... | 100 | 100 | ..... | 486,800 | 486,800 | 486,900 |
| December | ..... | ..... | ..... | $13,000 | 393,900 | 406,900 | 406,900 |
| Total | ..... | 2,459 | 2,459 | 13,000 | 2,482,356 | 2,495,356 | 2,497,815 |
| ALL OTHER PORTS. | | | | | | | |
| January | $7,451 | ..... | 7,451 | 4,862 | ..... | 4,862 | 12,313 |
| February | 11,859 | ..... | 11,859 | 5,516 | ..... | 5,516 | 17,375 |
| March | 14,264 | ..... | 14,264 | 6,566 | ..... | 6,566 | 20,830 |
| April | 7,805 | ..... | 7,805 | 3,302 | ..... | 3,302 | 11,107 |
| May | 12,802 | ..... | 12,802 | 5,135 | ..... | 5,135 | 17,937 |
| June | 12,347 | ..... | 12,347 | 7,006 | ..... | 7,006 | 19,353 |
| July | 896 | ..... | 896 | 2,049 | ..... | 2,049 | 2,945 |
| August | 12,221 | ..... | 12,221 | 5,112 | ..... | 5,112 | 17,333 |
| September | ..... | ..... | ..... | 600 | ..... | 600 | 600 |
| October | 17,260 | ..... | 17,260 | 7,400 | 534 | 7,934 | 25,194 |
| November | ..... | 12,740 | 12,740 | 4,096 | 14 | 4,110 | 16,850 |
| December | ..... | 8,254 | 8,254 | 3,226 | ..... | 3,226 | 11,480 |
| Total | 96,905 | 20,994 | 117,899 | 54,870 | 548 | 55,418 | 173,317 |
| Total domestic exports (bullion) | 96,905 | 182,690 | 279,595 | 67,870 | 31,599,867 | 31,667,737 | 31,947,332 |

## XVIII.—Imports and Exports of Gold and Silver, etc.—Continued.

### DOMESTIC EXPORTS—Continued.

| Ports. | COIN. | | |
|---|---|---|---|
| | Gold. | Silver. | Total. |
| **NEW YORK, N. Y.** | | | |
| January | $12,317,810 | $50 | $12,317,860 |
| February | 12 828,317 | 100 | 12,828,417 |
| March | 3,787,402 | 6,675 | 3,794,077 |
| April | 16,266,074 | 1,312 | 16,267,386 |
| May | 14,987,402 | 850 | 14,988,252 |
| June | 2,524,867 | 500 | 2,525,367 |
| July | 9,500 | 785 | 10,285 |
| August | 11,922 | ..... | 11,922 |
| September | 29,673 | ..... | 29,673 |
| October | 76,510 | ..... | 76,510 |
| November | 152,130 | 100 | 152,230 |
| December | 2,499,008 | ..... | 2,499,008 |
| Total | 65,491,215 | 10,372 | 65,501,587 |
| **SAN FRANCISCO, CAL.** | | | |
| January | 148,935 | ..... | 148,935 |
| February | 69,135 | ..... | 69,135 |
| March | 44,339 | 1,000 | 45,339 |
| April | 19,710 | 8,000 | 27,710 |
| May | 137,561 | ..... | 137,561 |
| June | 58,180 | ..... | 58,180 |
| July | 98,980 | ..... | 98,980 |
| August | 180,608 | ..... | 180,608 |
| September | 88,635 | ..... | 88,635 |
| October | 145,250 | ..... | 145,250 |
| November | 122,372 | ..... | 122,372 |
| December | 114,789 | ..... | 114,789 |
| Total | 1,228,509 | 9,000 | 1,237,509 |
| **ALL OTHER PORTS.** | | | |
| January | 110,000 | 5,460 | 115,460 |
| February | 22,475 | 5,421 | 27,896 |
| March | 235,680 | 2,262 | 238,942 |
| April | 2,305,820 | 10,168 | 2,315,988 |
| May | 1,636,458 | 450 | 1,636,908 |
| June | 105,015 | 3,113 | 108,128 |
| July | 63,986 | 3,733 | 67,719 |
| August | 726,301 | 3,688 | 729,989 |
| September | 25,410 | 4,226 | 29,636 |
| October | 16,335 | 7,124 | 23,459 |
| November | 11,971 | 10,595 | 22,566 |
| December | 15,894 | 12,585 | 28,479 |
| Total | 5,275,345 | 69,825 | 5,345,170 |
| Total domestic exports (coin) | 71,995,129 | 89,197 | 72,084,326 |

## XVIII.—Imports and Exports of Gold and Silver, etc.—Continued.

### FOREIGN EXPORTS.

| Ports. | BULLION. | | |
|---|---|---|---|
| | Gold. | Silver. | Total. |
| NEW YORK, N. Y. | | | |
| January | | | |
| February | | | |
| March | | | |
| April | | | |
| May | | | |
| June | | | |
| July | | | |
| August | | | |
| September | | | |
| October | | | |
| November | | | |
| December | | | |
| Total | | | |
| SAN FRANCISCO, CAL. | | | |
| January | | | |
| February | | | |
| March | | | |
| April | | | |
| May | | | |
| June | | | |
| July | | | |
| August | | | |
| September | | | |
| October | | | |
| November | | | |
| December | | | |
| Total | | | |
| ALL OTHER PORTS. | | | |
| January | | | |
| February | | | |
| March | | | |
| April | | | |
| May | | | |
| June | | | |
| July | | | |
| August | | | |
| September | | | |
| October | | | |
| November | | | |
| December | | | |
| Total | | | |
| Total foreign exports (bullion) | | | |

## XVIII.—Imports and Exports of Gold and Silver, etc.—Continued.

### FOREIGN EXPORTS—Continued.

| Ports. | COIN. | | |
|---|---|---|---|
| | Gold. | Silver. | Total. |
| NEW YORK, N. Y. | | | |
| January | ..... | $380,584 | $380,584 |
| February | $1,313,596 | 1,099,875 | 2,413,471 |
| March | 4,031,553 | 407,032 | 4,438,585 |
| April | 546,545 | 103,650 | 650,195 |
| May | 73,262 | 341,720 | 414,982 |
| June | 1,000 | 201,830 | 202,830 |
| July | ..... | 246,026 | 246,026 |
| August | 5,000 | 408,000 | 413,000 |
| September | 1,097,332 | 589,808 | 1,687,140 |
| October | 230,396 | 246,164 | 476,560 |
| November | 800 | 51,279 | 52,079 |
| December | 6,900 | 237,886 | 244,786 |
| Total | 7,306,384 | 4,313,854 | 11,620,238 |
| SAN FRANCISCO, CAL. | | | |
| January | ..... | 1,281,652 | 1,281,652 |
| February | ..... | 669,139 | 669,139 |
| March | ..... | 423,302 | 423,302 |
| April | ..... | 263,216 | 263,216 |
| May | ..... | 338,309 | 338,309 |
| June | ..... | 730,521 | 730,521 |
| July | ..... | 529,026 | 529,026 |
| August | ..... | 1,336,661 | 1,336,661 |
| September | ..... | 1,651,510 | 1,651,510 |
| October | ..... | 980,710 | 980,710 |
| November | ..... | 885,667 | 885,667 |
| December | ..... | 629,831 | 629,831 |
| Total | ..... | 9,669,544 | 9,669,544 |
| ALL OTHER PORTS. | | | |
| January | ..... | 15,984 | 15,984 |
| February | ..... | 77,308 | 77,308 |
| March | ..... | 39,773 | 39,773 |
| April | ..... | 32,948 | 32,948 |
| May | ..... | 84,826 | 84,826 |
| June | ..... | 40,978 | 40,978 |
| July | ..... | 33,391 | 33,391 |
| August | ..... | 30,204 | 30,204 |
| September | 194,712 | 32,448 | 227,160 |
| October | ..... | 21,444 | 21,444 |
| November | ..... | 59,603 | 59,603 |
| December | ..... | 79,483 | 79,483 |
| Total | 194,712 | 548,389 | 743,101 |
| Total foreign exports (coin) | 7,501,096 | 14,531,787 | 22,032,883 |

## XVIII.—Imports and Exports of Gold and Silver, etc.—Continued.

### RECAPITULATION.

| Description. | Gold. | Silver. | Total. |
|---|---|---|---|
| IMPORTS. | | | |
| Bullion | $14,700,847 | $4,869,372 | $19,570,219 |
| Foreign coin | 23,439,868 | 13,269,546 | 36,709,414 |
| Total | 38,140,715 | 18,138,918 | 56,279,633 |
| United States coin | 34,621,674 | 135,886 | 34,757,560 |
| Total bullion and coin | 72,762,389 | 18,274,804 | 91,037,193 |
| EXPORTS. | | | |
| Domestic bullion | 279,595 | 31,667,737 | 31,947,332 |
| Foreign bullion | | | |
| Foreign coin | 7,501,096 | 14,531,787 | 22,032,883 |
| Total | 7,780,691 | 46,199,524 | 53,980,215 |
| United States coin | 71,995,129 | 89,197 | 72,084,326 |
| Total bullion and coin | 79,775,820 | 46,288,721 | 126,064,541 |
| EXCESS. | | | |
| Bullion and foreign coin: | | | |
| Imports | 30,360,024 | | 2,299,418 |
| Exports | | 28,060,606 | |
| United States coin: | | | |
| Imports | | 46,689 | |
| Exports | 37,373,455 | | 37,326,766 |

**XIX.—Values of Gold and Silver Ores Imported into and Exported from the United States During the Calendar Year Ended December 31, 1893.**

IMPORTS.

| Months. | NEW YORK. | | CORPUS CHRISTI. | | PASO DEL NORTE. | | SALURIA. | |
|---|---|---|---|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| January | ..... | $26,831 | $2,683 | $151,753 | $19,237 | $459,038 | ..... | $84,72 |
| February | ..... | 10,708 | 3,309 | 125,815 | 13,176 | 378,940 | ..... | 140,40 |
| March | ..... | 4,404 | 3,507 | 258,641 | 16,759 | 438,676 | ..... | 115,20 |
| April | ..... | 3,615 | 12,715 | 236,881 | 12,643 | 443,441 | $18 | 187,25 |
| May | ..... | 17,601 | 9,517 | 112,689 | 14,176 | 415,521 | 176 | 186,37 |
| June | ..... | 19,136 | 3,208 | 195,769 | 17,186 | 489,745 | ..... | 111,89 |
| July | ..... | 14,209 | 470 | 31,820 | 16,996 | 245,288 | ..... | 80,78 |
| August | ..... | 11,003 | 1,115 | 104,694 | 7,065 | 199,801 | ..... | 35,44 |
| September | ..... | 6,156 | 5,203 | 125,780 | 1,348 | 250,860 | ..... | 32,49 |
| October | $25 | 9,830 | 2,610 | 197,024 | 9,202 | 318,514 | ..... | 33,19 |
| November | ..... | 12,217 | 8,966 | 16,654 | 5,568 | 331,314 | ..... | 68,75 |
| December | ..... | 10,959 | 17,594 | 95,897 | 13,300 | 380,421 | $3,439 | 65,96 |
| Total | 25 | 146,669 | 70,897 | 1,653,417 | 146,676 | 4,351,549 | $3,633 | 1,142,48 |

| Months. | ARIZONA. | | PUGET SOUND. | | SAN DIEGO. | | SAN FRANCISCO. | |
|---|---|---|---|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| January | $39,809 | $193,000 | ..... | $213 | $1,785 | ..... | ..... | $52,21 |
| February | 38,075 | 189,741 | ..... | ..... | 4,730 | ..... | ..... | 71,52 |
| March | 24,279 | 147,232 | ..... | 1,453 | ..... | ..... | ..... | 81,39 |
| April | 26,956 | 111,824 | ..... | ..... | ..... | ..... | ..... | 75,44 |
| May | 19,205 | 133,177 | ..... | 2,249 | 360 | ..... | ..... | 65,24 |
| June | 21,496 | 115,196 | ..... | ..... | 1,131 | ..... | ..... | 104,29 |
| July | 19,291 | 55,065 | ..... | ..... | ..... | ..... | ..... | 37,03 |
| August | 3,770 | 28,997 | ..... | ..... | ..... | ..... | $95 | 15,84 |
| September | 21,604 | 53,695 | $105 | 339 | ..... | ..... | ..... | 41,96 |
| October | 36 943 | 101,942 | 65 | 668 | ..... | ..... | ..... | 66,80 |
| November | 13,010 | 101,888 | 137 | 7 | ..... | ..... | ..... | 11,38 |
| December | 13,074 | 79,747 | 47 | 72 | 923 | ..... | 95 | 119,85 |
| Total | 277,512 | 1,311,504 | 354 | 5,001 | 8,929 | ..... | 190 | 743,66 |

| Months. | DULUTH. | | MONTANA AND IDAHO. | | OSWEGATCHIE. | | ALL OTHER DISTRICTS. | |
|---|---|---|---|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| January | ..... | ..... | ..... | ..... | ..... | ..... | $30 | ..... |
| February | ..... | ..... | ..... | ..... | $3,280 | ..... | ..... | ..... |
| March | ..... | ..... | ..... | $715 | ..... | ..... | 120 | ..... |
| April | ..... | ..... | ..... | 2,623 | 4,200 | ..... | ..... | ..... |
| May | ..... | ..... | ..... | 69,354 | ..... | ..... | ..... | ..... |
| June | ..... | ..... | ..... | 8,117 | ..... | ..... | ..... | ..... |
| July | ..... | $318 | ..... | ..... | ..... | ..... | ..... | ..... |
| August | ..... | ..... | ..... | 4,672 | 350 | ..... | 2,000 | ..... |
| September | ..... | ..... | ..... | 16,941 | ..... | ..... | ..... | ..... |
| October | ..... | ..... | ..... | 3,680 | ..... | $1,050 | ..... | ..... |
| November | ..... | ..... | ..... | 25,170 | ..... | ..... | ..... | ..... |
| December | ..... | ..... | ..... | 4,123 | ..... | ..... | ..... | ..... |
| Total | ..... | 318 | ..... | 135,395 | 7,830 | 1,050 | 2,140 | ..... |

Total imports of gold ores, $518,186; silver, $9,490,892.

XIX.—VALUES OF GOLD AND SILVER ORES IMPORTED AND EXPORTED—Continued.

EXPORTS.

| Months. | DOMESTIC EXPORTS. | | | | | | |
|---|---|---|---|---|---|---|---|
| | Gold and silver bearing ores. | | | | | | |
| | Baltimore. | New York. | New Orleans. | San Francisco. | Champlain. | North and South Dakota. | Vermont. |
| January | | | | | | | |
| February | | $29,300 | | | | | |
| March | | 65,800 | | $13,120 | | | |
| April | | 2,175 | | | | $6 | |
| May | | 19,500 | | | | 20 | |
| June | | 37,643 | | 5,460 | | | |
| July | | 6,150 | | | $30 | | |
| August | | 3,696 | $823 | | 122 | | |
| September | | 2,000 | | | | | |
| October | $175 | | | | | | $386 |
| November | | 1,227 | 392 | | | | 66 |
| December | | 2,223 | 535 | | | | |
| Total | 175 | 169,714 | 1,750 | 18,580 | 152 | 26 | 452 |

| Months. | FOREIGN EXPORTS. | | | | | |
|---|---|---|---|---|---|---|
| | Galveston. | | New Orleans. | | Paso del Norte. | |
| | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| January | $1,252 | $3,780 | | | | |
| February | 1,952 | 7,411 | | $2,175 | | |
| March | 5,166 | 14,558 | | 270 | | |
| April | 1,484 | 4,138 | | 167 | | |
| May | | | $176 | 8,334 | | |
| June | | | | | | |
| July | | | 470 | 3,370 | | |
| August | | | | | | |
| September | 917 | 5,192 | 1,560 | 6,058 | | |
| October | | | | | | $5 |
| November | 2,011 | 3,295 | | 2,711 | | |
| December | 2,069 | 7,563 | | | | |
| Total | 14,851 | 45,927 | 2,206 | 23,085 | | 5 |

Total exports of gold and silver bearing ores (domestic) $190,849. Total exports of foreign gold ores, $17,057; silver ores, $69,027.

**XIX.**—STATEMENT, BY COUNTRIES OF THE IMPORTS OF GOLD AND SILVER INTO THE UNITED STATES DURING THE YEAR ENDED DECEMBER 31, 1893—Continued.

| Countries from which imported. | GOLD. | | | |
|---|---|---|---|---|
| | Ore. | Bullion. | Coin. | |
| | | | United States. | Foreign. |
| Azores and Madeira Islands | | | $44,167 | $378 |
| France | | $886,282 | 2,139,606 | 7,347,367 |
| Germany | | 2,357,565 | 8,954,430 | 2,087,196 |
| Netherlands | | 32,606 | | |
| Portugal | | | 11,650 | 585 |
| England | | 8,347,623 | 16,437,556 | 5,651,449 |
| British Honduras | | 6,460 | 3,506 | 1,457 |
| Nova Scotia, New Brunswick, etc | | | 1,000 | |
| Quebec, Ontario, etc | $9,970 | 6,842 | 4,502,681 | 36,530 |
| British Columbia | 449 | 296,205 | 8,810 | |
| Central American States: | | | | |
| Costa Rica | | 560 | 3,000 | 10,105 |
| Guatemala | | 18,545 | 4,141 | |
| Honduras | | 37,518 | 14,061 | 2,008 |
| Nicaragua | | 143,810 | 10,236 | 3,226 |
| Salvador | | 1,454 | 31,405 | |
| Mexico | 507,647 | 1,566,728 | 149,522 | 265,315 |
| West Indies: | | | | |
| British | | | 450,775 | 101,696 |
| Danish | | 50 | 32,280 | |
| Dutch | | | 186,824 | 1,302 |
| Haiti | | | 130,276 | 1,157 |
| Santo Domingo | | | 4,479 | |
| Spanish—Cuba | | 103,264 | 263,149 | 6,503,134 |
| Brazil | 25 | 1,250 | 1,693 | 925 |
| Chile | | | | |
| Colombia | | 403,475 | 143,962 | 11,253 |
| Ecuador | | 2,526 | | |
| Dutch Guiana | | 98,401 | | |
| Peru | | | 1,000 | |
| Venezuela | | 51,993 | 851,263 | 16,729 |
| China | | | 203,560 | |
| Japan | | | 35,380 | |
| British Australasia | 95 | 337,690 | | 1,337,308 |
| French Oceanica | | | 1,092 | 1,698 |
| Hawaiian Islands | | | 160 | |
| All other islands and ports | | | | 613 |
| Total | 518,186 | 14,700,847 | 34,621,674 | 28,439,868 |

**XIX.—STATEMENT, BY COUNTRIES OF THE IMPORTS OF GOLD AND SILVER INTO THE UNITED STATES DURING THE YEAR ENDED DECEMBER 31, 1893—Continued.**

| Countries from which imported. | SILVER. | | | | | Total, including ores. |
|---|---|---|---|---|---|---|
| | Ore. | Bullion. | | Coin. | | |
| | | | | United States. | Foreign. | |
| | | *Ounces.* | | | | |
| Azores and Madeira Islands | ..... | ..... | ..... | $794 | $2,795 | $48,134 |
| France | ..... | ..... | ..... | 600 | ..... | 10,373,835 |
| Germany | ..... | ..... | ..... | ..... | 596 | 13,399,777 |
| Netherlands | ..... | ..... | ..... | ..... | ..... | 32,606 |
| Portugal | ..... | ..... | ..... | 507 | 125 | 12,877 |
| England | ..... | ..... | ..... | ..... | 2,937 | 30,449,525 |
| British Honduras | ..... | ..... | ..... | ..... | 424,155 | 435,578 |
| Nova Scotia, New Brunswick, etc | ..... | ..... | ..... | ..... | ..... | 1,000 |
| Quebec, Ontario, etc | $1,868 | 12,569 | $9,944 | 103,485 | ..... | 4,671,290 |
| British Columbia | 187,644 | ..... | ..... | ..... | ..... | 493,108 |
| Newfoundland and Labrador | ..... | ..... | ..... | ..... | 559 | 559 |
| Central American States: | | | | | | |
| Costa Rica | ..... | ..... | ..... | ..... | 508 | 14,174 |
| Guatemala | ..... | 9,920 | 7,115 | ..... | 307,200 | 337,001 |
| Honduras | ..... | 204,834 | 150,318 | ..... | 77,114 | 281,019 |
| Nicaragua | ..... | 11,167 | 7,672 | 500 | 3,476 | 167,920 |
| Salvador | 133 | 5,362 | 4,474 | ..... | 8,085 | 45,551 |
| Mexico | 9,301,047 | 5,883,139 | 4,409,155 | 609 | 11,788,598 | 27,988,621 |
| West Indies: | | | | | | |
| British | ..... | ..... | ..... | 9,388 | 51,041 | 612,240 |
| Danish | ..... | ..... | ..... | 1,057 | 2,002 | 35,389 |
| Dutch | ..... | ..... | ..... | 2,310 | 4,697 | 195,134 |
| Haiti | ..... | ..... | ..... | ..... | ..... | 131,433 |
| Santo Domingo | ..... | ..... | ..... | ..... | 298 | 4,777 |
| Spanish—Cuba | ..... | 6,127 | 5,199 | 8,095 | 15,803 | 6,893,634 |
| Puerto Rico | ..... | ..... | ..... | 148 | 11,865 | 12,013 |
| Brazil | ..... | 560 | 510 | ..... | 332 | 4,735 |
| Chile | ..... | ..... | ..... | ..... | 30,700 | 30,700 |
| Colombia | 5 | 395,046 | 274,393 | 11,793 | 584,115 | 1,379,116 |
| Ecuador | ..... | 804 | 592 | ..... | ..... | 3,118 |
| Dutch Guiana | ..... | ..... | ..... | ..... | ..... | 98,401 |
| Peru | 195 | ..... | ..... | ..... | ..... | 1,195 |
| Venezuela | ..... | ..... | ..... | ..... | 788 | 920,773 |
| China | ..... | ..... | ..... | ..... | 60 | 203,620 |
| Japan | ..... | ..... | ..... | 1,600 | ..... | 36,980 |
| British Australasia | ..... | ..... | ..... | ..... | 1,428 | 1,726,611 |
| French Oceanica | ..... | ..... | ..... | ..... | 269 | 3,054 |
| Hawaiian Islands | ..... | ..... | ..... | ..... | ..... | 160 |
| All other islands and ports | ..... | ..... | ..... | ..... | ..... | 613 |
| Total | 9,490,892 | 6,528,528 | 4,869,372 | 135,896 | 13,269,546 | 101,046,271 |

XIX.—STATEMENT, BY COUNTRIES, OF THE EXPORTS OF DOMESTIC GOLD AND SILVER DURING THE YEAR ENDING DECEMBER 31, 1893—Continued.

| Countries to which exported. | GOLD. | | | SILVER. |
|---|---|---|---|---|
| | Bullion. | | Coin. | Ore, gold and silver bearing. |
| | Bars bearing the stamp of a United States mint or assay office. | Other. | | |
| France | | | $17,990,000 | |
| Germany | | | 26,135,500 | $60,466 |
| Italy | | | 400 | |
| Netherlands | | | 1,000,000 | |
| England | | $159,227 | 19,693,900 | 129,630 |
| British Honduras | | | 260 | |
| Nova Scotia, New Brunswick, etc. | | | | |
| Quebec, Ontario, etc. | $96,905 | 20,994 | 3,323,549 | 630 |
| British Columbia | | | 52,220 | |
| Central American States: | | | | |
| Costa Rica | | | 4,625 | |
| Guatemala | | | 4,600 | |
| Nicaragua | | | 15,050 | 122 |
| Salvador | | | 66,455 | |
| Mexico | | | 160,919 | |
| West Indies: | | | | |
| British | | | 5,660 | |
| Dutch | | | 8,000 | |
| French | | | 4,870 | |
| Haiti | | | 1,204,932 | |
| Santo Domingo | | | 300 | |
| Spanish Cuba | | | 4,273 | |
| Brazil | | | 1,000 | |
| Colombia | | | 45,750 | |
| Venezuela | | | 1,122,465 | |
| China | | | | |
| British India and East Indies | | | | |
| Hongkong | | 2,459 | 150,301 | |
| Japan | | | | |
| Hawaiian Islands | | | 1,000,100 | |
| Total | 96,905 | 182,690 | 71,995,129 | 190,869 |

XIX.—STATEMENT, BY COUNTRIES, OF THE EXPORTS OF DOMESTIC GOLD AND SILVER DURING THE YEAR ENDING DECEMBER 31, 1893—Continued.

| Countries to which exported. | SILVER. | | | | | Total, including ores. |
|---|---|---|---|---|---|---|
| | Bullion. | | | | Coin. | |
| | Bars bearing the stamp of a United States mint or assay office. | | Other. | | | |
| | *Ounces.* | | *Ounces.* | | | |
| France | | | 216,938 | $127,500 | | $18,117,500 |
| Germany | | | | | | 26,195,966 |
| Italy | | | | | | 400 |
| Netherlands | | | | | | 1,000,000 |
| England | | | 37,506,178 | 28,989,463 | | 48,972,230 |
| British Honduras | | | | | | 260 |
| Nova Scotia, New Brunswick, etc. | | | 781 | 548 | | 548 |
| Quebec, Ontario, etc | 68,994 | $54,870 | | | $14,420 | 3,511,388 |
| British Columbia | | | | | 21,999 | 74,219 |
| Central American States: | | | | | | |
| Costa Rica | | | | | | 4,625 |
| Guatemala | | | | | | 4,600 |
| Nicaragua | | | | | 450 | 15,023 |
| Salvador | | | | | 4,000 | 70,455 |
| Mexico | | | | | 26,956 | 187,875 |
| West Indies: | | | | | | |
| British | | | | | 600 | 6,260 |
| Dutch | | | | | 300 | 3,300 |
| French | | | | | | 4,870 |
| Haiti | | | | | 7,387 | 1,212,319 |
| Santo Domingo | | | | | | 300 |
| Spanish Cuba | | | | | 10,535 | 14,808 |
| Brazil | | | | | | 1,000 |
| Colombia | | | | | 1,550 | 47,300 |
| Venezuela | | | | | | 1,122,465 |
| China | 8,500 | 2,000 | 287,337 | 211,500 | | 213,500 |
| British India and East Indies | | | 244,945 | 203,600 | | 203,600 |
| Hongkong | | | 442,928 | 327,656 | | 480,416 |
| Japan | 14,000 | 11,000 | 2,370,161 | 1,739,600 | | 1,750,600 |
| Hawaiian Islands | | | | | 1,000 | 1,001,100 |
| Total | 86,494 | 67,870 | 41,069,268 | 31,599,867 | 89,197 | 104,222,507 |

**XIX.**—STATEMENT, BY COUNTRIES, OF THE EXPORTS OF FOREIGN GOLD AND SILVER DURING THE CALENDAR YEAR ENDING DECEMBER 31, 1893—Continued.

| Countries to which exported. | GOLD. | | | SILVER. | | | Total including ores. |
|---|---|---|---|---|---|---|---|
| | Ore. | Bullion. | Coin. | Ore. | Bullion. | Coin. | |
| Denmark | | | | | | $1,500 | $1,500 |
| France | | | $102 | | | 4,698 | 4,800 |
| Germany | | | 29,250 | | | 5,450 | 34,700 |
| England | $17,057 | | 113,500 | $69,022 | | 3,623,450 | 3,823,029 |
| Bermuda | | | 9,760 | | | | 9,760 |
| British Honduras | | | | | | 4,222 | 4,222 |
| Quebec, Ontario, etc. | | | 194,712 | | | 68,117 | 262,829 |
| Central American States: | | | | | | | |
| Guatemala | | | | | | 28,292 | 28,292 |
| Honduras | | | | | | 7,761 | 7,761 |
| Nicaragua | | | | | | 10,820 | 10,820 |
| Mexico | | | | 5 | | 480,765 | 480,770 |
| British West Indies | | | 5,280 | | | 2,700 | 7,980 |
| Haiti | | | 1,570 | | | 111,029 | 112,599 |
| Santo Domingo | | | 1,396 | | | 403,016 | 404,412 |
| Spanish Cuba | | | 7,134,726 | | | 5,348 | 7,140,074 |
| Puerto Rico | | | | | | 2,754 | 2,754 |
| Brazil | | | | | | 95,374 | 95,374 |
| Colombia | | | 10,800 | | | 39,629 | 50,429 |
| British India and East Indies | | | | | | 494,000 | 494,000 |
| Hongkong | | | | | | 8,630,562 | 8,630,562 |
| Japan | | | | | | 507,000 | 507,000 |
| French Oceanica | | | | | | 5,300 | 5,300 |
| Total | 17,057 | | 7,501,096 | 69,027 | | 14,531,787 | 22,118,967 |

XX.—GOLD AND SILVER BARS FURNISHED FOR USE IN MANUFACTURES AND THE ARTS AND CLASSIFICATION OF THE MATERIAL USED, DURING THE CALENDAR YEARS 1880–1893.

GOLD.

| Calendar years. | United States coin. | New material. | Old material. | Foreign bullion and coin. | Total. |
|---|---|---|---|---|---|
| 1880 | $3,300,000 | $6,000,000 | $395,000 | $1,267,600 | $10,962,600 |
| 1881 | 2,700,000 | 7,000,000 | 522,900 | 1,547,800 | 11,770,700 |
| 1882 | 2,500,000 | 7,000,000 | 696,500 | 671,500 | 10,868,000 |
| 1883 | 4,875,000 | 7,840,000 | 1,549,300 | 194,500 | 14,458,800 |
| 1884 | 5,000,000 | 6,000,000 | 3,114,500 | 385,500 | 14,500,000 |
| 1885 | 3,500,000 | 6,736,927 | 1,408,902 | 178,913 | 11,824,742 |
| 1886 | 3,500,000 | 7,003,480 | 1,928,046 | 638,003 | 13,069,529 |
| 1887 | 3,500,000 | 9,090,342 | 1,835,882 | 384,122 | 14,810,346 |
| 1888 | 3,500,000 | 9,893,057 | 2,402,976 | 718,809 | 16,514,842 |
| 1889 | 3,500,000 | 9,686,827 | 3,218,971 | 291,258 | 16,697,056 |
| 1890 | 3,500,000 | 10,717,472 | 3,076,426 | 362,062 | 17,655,960 |
| 1891 | 3,500,000 | 10,697,679 | 4,860,712 | 628,525 | 19,686,916 |
| 1892 | 3,500,000 | 10,588,703 | 4,468,685 | 771,686 | 19,329,074 |
| 1893 | 1,500,000 | 8,354,482 | 2,777,165 | 804,254 | 13,435,901 |
| | 47,875,000 | 116,608,969 | 32,255,965 | 8,844,532 | 205,584,466 |

SILVER.

| Calendar years. | United States coin. | New material. | Old material. | Foreign bullion and coin. | Total. |
|---|---|---|---|---|---|
| 1880 | $600,000 | $5,000,000 | $145,000 | $353,000 | $6,098,000 |
| 1881 | 200,000 | 5,900,000 | 178,000 | 371,000 | 6,649,000 |
| 1882 | 200,000 | 6,344,300 | 212,900 | 440,300 | 7,197,500 |
| 1883 | 200,000 | 4,623,700 | 561,900 | 155,000 | 5,540,600 |
| 1884 | 200,000 | 4,500,000 | 170,000 | 650,000 | 5,520,000 |
| 1885 | 200,000 | 4,539,875 | 462,186 | 62,708 | 5,264,769 |
| 1886 | 200,000 | 3,626,195 | 404,155 | 825,615 | 5,055,965 |
| 1887 | 200,000 | 4,102,734 | 480,606 | 654,991 | 5,438,331 |
| 1888 | 200,000 | 6,477,857 | 652,047 | 771,985 | 8,101,889 |
| 1889 | 200,000 | 7,297,933 | 611,015 | 657,997 | 8,766,945 |
| 1890 | 200,000 | 7,143,635 | 640,100 | 1,245,419 | 9,229,154 |
| 1891 | 200,000 | 7,289,073 | 858,126 | 1,256,101 | 9,603,300 |
| 1892 | 200,000 | 7,204,210 | 647,377 | 1,249,801 | 9,301,388 |
| 1893 | 100,000 | 6,570,737 | 1,222,836 | 1,740,704 | 9,634,277 |
| | 3,100,000 | 80,620,249 | 7,246,248 | 10,434,621 | 101,401,118 |

## XXI.—Coinage of Nations.

| Countries. | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| United States | $29,222,005 | $27,518,857 | $34,787,223 | $12,641,078 | $56,997,020 | $28,802,787 |
| Mexico | 280,565 | 24,493,071 | 275,203 | 26,782,721 | 493,167 | 28,005,396 |
| Great Britain | 32,720,633 | 5,141,594 | 67,682,503 | 3,790,673 | 45,094,210 | 5,296,728 |
| Australasia | 26,389,044 | ..... | 30,784,262 | ..... | 32,059,354 | ..... |
| India* | 117,411 | 32,670,498 | ..... | 52,258,747 | ..... | 40,118,622 |
| France | 3,362,450 | ..... | 871,225 | ..... | 9,832,068 | ..... |
| Germany | 14,086,800 | 1,139,252 | 8,863,874 | 1,237,864 | 26,280,188 | 2,093,713 |
| Russia † | 2,110,981 | 2,690,902 | 555,909 | 2,920,484 | 2,315,493 | 2,493,874 |
| Austria-Hungary ‡ | 2,885,561 | 3,356,394 | 14,038,714 | 5,315,069 | §55,932,881 | §18,073,129 |
| Italy | 126,708 | ..... | 130,105 | 22,997 | 159,066 | ..... |
| Spain | ..... | 12,242,000 | 9,381,062 | 8,917,860 | ..... | 3,290,593 |
| Japan | 1,083,725 | 8,523,904 | 1,319,525 | 12,307,062 | 1,306,070 | 12,300,705 |
| Portugal | 169,560 | 7,277,040 | ..... | 3,075,840 | ..... | 1,412,648 |
| Netherlands | ..... | 367,000 | 245 | 1,567,800 | ..... | 563,800 |
| Norway | ..... | 134,000 | ..... | 120,600 | ..... | ..... |
| Sweden | ..... | 22,000 | ..... | 78,996 | ..... | 26,171 |
| Denmark | ..... | 121,750 | ..... | 242,207 | ..... | 147,400 |
| Switzerland | 386,000 | 144,750 | 386,000 | 183,350 | 386,000 | ..... |
| Turkey | 3,342,000 | 432,400 | 140,672 | 883,464 | 736,989 | 874,628 |
| Egypt | ..... | 322,468 | ..... | 649,555 | ..... | 537,114 |
| Persia | ..... | ..... | ..... | ..... | 136,000 | 255,000 |
| Hongkong | ..... | 1,500,000 | ..... | 1,100,000 | ..... | 1,500,000 |
| China | ..... | 2,854,137 | ..... | 3,500,000 | ..... | 4,243,880 |
| Indo-China | ..... | ..... | ..... | 57,900 | ..... | 939,906 |
| Tunis | 2,663,400 | 675,500 | 3,231,905 | 471,131 | 134,004 | 347 |
| Canada | ..... | 200,000 | ..... | 298,000 | ..... | 160,000 |
| Costa Rica | ..... | ..... | ..... | 138,091 | ..... | 155,000 |
| Brazil | 126,279 | 499,941 | ..... | ..... | ..... | ..... |
| Bolivia | ..... | 1,684,500 | ..... | 1,435,543 | ..... | 1,569,229 |
| Peru | ..... | 3,169,799 | ..... | 2,614,948 | ..... | ..... |
| Colombia | ..... | ..... | ..... | 2,378,272 | ..... | 34,530 |
| Ecuador | ..... | ..... | ..... | 60,000 | ..... | ..... |
| Venezuela | ..... | ..... | ..... | ..... | ..... | 193,000 |
| Chile | ..... | ..... | ..... | ..... | ..... | 481,405 |
| Uruguay | ..... | ..... | ..... | ..... | ..... | 1,000,110 |
| Guatemala | ..... | ..... | ..... | ..... | ..... | 100,000 |
| British West Indies | ..... | 23,000 | ..... | ..... | ..... | ..... |
| German East Africa | ..... | 81,125 | ..... | 364,814 | ..... | 45,348 |
| South African Republic | 75,000 | ..... | 24,697 | 49,519 | ..... | ..... |
| Straits Settlements | ..... | 336,000 | ..... | ..... | ..... | 194,000 |
| Monaco | 386,000 | ..... | ..... | ..... | ..... | ..... |
| Morocco | ..... | 240,000 | ..... | 858,808 | ..... | 557,750 |
| Santo Domingo | ..... | 183,350 | ..... | ..... | ..... | ..... |
| Eritrea (Italian colony) | ..... | 189,135 | ..... | ..... | ..... | ..... |
| Bulgaria | ..... | ..... | ..... | 2,509,198 | ..... | ..... |
| Ceylon | ..... | ..... | ..... | 236,850 | ..... | 473,700 |
| Zanzibar | ..... | 60,000 | ..... | ..... | ..... | ..... |
| Siam | ..... | ..... | ..... | 6,860,324 | ..... | ..... |
| Total | 119,534,122 | 138,294,367 | 172,473,124 | 155,929,765 | 231,862,590 | 135,945,436 |

* Rupee calculated at coining rate, $0.4737.
† Silver ruble calculated at coining rate, $0.7718.
‡ Silver florin calculated at coining rate, $0.482.
§ Silver florin calculated at coining rate, $0.4056, under the coinage act of August 2, 1892.

**XXII.—WORLD'S PRODUCTION OF GOLD AND**

[Kilogram of gold, $664.60; kilogram of silver, $41.56;

| Countries. | 1891. | | | |
|---|---|---|---|---|
| | Gold. | | Silver. | |
| | *Kilos.* | *Dollars.* | *Kilos.* | *Dollars.* |
| United States | 49,917 | 33,175,000 | 1,814,642 | 75,416,500 |
| Australasia | 47,245 | 31,399,000 | 311,100 | 12,929,300 |
| Mexico | 1,505 | 1,000,000 | 1,084,100 | 45,055,200 |
| European countries: | | | | |
| Russia | 36,356 | 24,162,500 | 13,864 | 576,200 |
| Germany | *a* 2,359 | 1,567,800 | *a* 186,636 | 7,756,600 |
| Austria-Hungary | 2,106 | 1,399,600 | 52,019 | 2,161,900 |
| Sweden | 110 | 73,100 | 3,658 | 152,000 |
| Norway | ..... | ..... | 5,665 | 235,400 |
| Italy | 142 | 94,300 | 37,123 | 1,542,900 |
| Spain | ..... | ..... | *a* 46,279 | 1,923,400 |
| Greece | ..... | ..... | *g* 2,025 | 84,200 |
| Turkey | *g* 10 | 7,000 | *g* 6,334 | 263,200 |
| France | *a* 204 | 135,900 | *a* 64,173 | 2,667,000 |
| Great Britain | 101 | 67,000 | 6,150 | 255,600 |
| Dominion of Canada | 1,400 | 930,600 | 9,774 | 406,200 |
| South American countries: | | | | |
| Argentine Republic | *d* 123 | 82,000 | 14,918 | 620,000 |
| Colombia | 5,224 | 3,472,000 | 40,871 | 1,698,600 |
| Bolivia | 101 | *a* 67,000 | 372,666 | 15,488,000 |
| Ecuador | *g* 79 | 52,000 | *g* 240 | 10,000 |
| Chile | *e* 2,162 | 1,436,600 | *a* 33,714 | 1,401,200 |
| Brazil | 1,291 | 857,800 | ..... | ..... |
| Venezuela | 1,505 | 1,000,000 | ..... | ..... |
| Guiana (British) | 2,708 | 1,800,000 | ..... | ..... |
| Guiana (Dutch) | 816 | 542,000 | ..... | ..... |
| Guiana (French) | 1,502 | 998,200 | ..... | ..... |
| Peru | 110 | 73,000 | 70,024 | 2,910,200 |
| Uruguay | *a* 213 | 141,600 | ..... | ..... |
| Central American States | 246 | 163,500 | 48,123 | *b* 2,000,000 |
| Japan | *a* 765 | 508,400 | *h* 48,282 | 1,796,800 |
| China | 10,009 | *a* 6,652,000 | ..... | ..... |
| Africa | 23,687 | 15,742,400 | ..... | ..... |
| India (British) | 3,754 | 2,495,000 | ..... | ..... |
| Korea | 836 | 554,700 | ..... | ..... |
| | 196,586 | 130,650,000 | 4,267,380 | 177,352,300 |

*a* Estimate of the Bureau of the Mint.
*b* Estimated the same as officially communicated for 1887.
*c* Estimated the same as officially communicated for 1889.
*d* Estimated the same as officially communicated for 1890.
*e* Estimated the same as officially communicated for 1891.

SILVER, CALENDAR YEARS 1891, 1892, AND 1893.

coining rate in United States silver dollars.]

| 1892. | | | | 1893. | | | |
|---|---|---|---|---|---|---|---|
| Gold. | | Silver. | | Gold. | | Silver. | |
| *Kilos.* | *Dollars.* | *Kilos.* | *Dollars.* | *Kilos.* | *Dollars.* | *Kilos.* | *Dollars.* |
| 49,654 | 33,000,000 | 1,975,481 | 82,101,000 | 54,100 | 35,955,000 | 1,866,595 | 77,575,700 |
| 51,398 | 34,159,000 | 418,087 | 17,375,700 | 53,698 | 35,688,600 | 637,800 | 26,507,000 |
| 1,699 | 1,129,200 | 1,228,994 | 51,077,000 | 1,964 | 1,305,300 | 1,380,116 | 57,357,600 |
| 37,325 | 24,806,200 | 14,478 | 601,700 | 37,325 | *f* 24,806,200 | 14,478 | *f* 601,700 |
| 3,141 | 2,087,600 | 212,116 | 8,815,600 | 2,255 | 1,498,900 | 198,270 | 8,240,100 |
| 2,260 | 1,502,000 | 55,082 | 2,289,200 | *f* 2,260 | 1,502,000 | *f* 55,082 | 2,289,200 |
| 88 | 58,500 | 53 | 2,200 | 93 | 62,000 | 4,471 | 185,800 |
| ..... | ..... | 4,495 | 186,800 | ..... | ..... | *f* 4,495 | 186,800 |
| 137 | 91,400 | 39,853 | 1,656,300 | 176 | 117,000 | 28,883 | 1,200,400 |
| ..... | ..... | *a* 46,279 | 1,923,400 | ..... | ..... | *a* 46,279 | 1,923,400 |
| ..... | ..... | *g* 2,025 | 84,200 | ..... | ..... | 2,025 | 84,200 |
| *g* 10 | 7,000 | *g* 6,334 | 263,200 | 10 | 7,000 | 6,334 | 263,200 |
| 195 | 129,700 | 92,700 | 3,852,600 | *f* 195 | 129,700 | *f* 92,700 | 3,852,600 |
| 77 | 51,200 | 5,270 | 219,000 | 64 | 42,300 | 7,886 | 327,700 |
| *a* 1,365 | 907,600 | *a* 10,748 | 446,700 | *a* 1,395 | 927,200 | *a* 7,734 | 321,400 |
| *d* 123 | 82,000 | *e* 14,918 | 620,000 | *d* 123 | 82,000 | *e* 14,918 | 620,000 |
| *e* 5,224 | 3,472,000 | *e* 40,871 | 1,698,600 | 4,353 | 2,892,800 | 52,511 | 2,182,400 |
| 101 | *a* 67,000 | *e* 372,666 | 15,488,000 | 101 | *a* 67,000 | *e* 372,666 | 15,488,000 |
| *g* 79 | 52,000 | *g* 240 | 10,000 | 79 | 52,000 | 240 | 10,000 |
| *e* 2,162 | 1,436,600 | *a* 54,899 | 2,281,600 | *e* 2,162 | 1,436,600 | *a* 54,899 | 2,281,600 |
| 1,308 | 869,200 | ..... | ..... | *f* 1,308 | 869,200 | ..... | ..... |
| 1,213 | 806,100 | ..... | ..... | *f* 1,213 | 806,100 | ..... | ..... |
| 3,609 | 2,398,900 | ..... | ..... | 3,863 | 2,567,400 | ..... | ..... |
| *a* 1,074 | 713,800 | ..... | ..... | *a* 1,074 | 713,800 | ..... | ..... |
| *e* 1,502 | 998,200 | ..... | ..... | *e* 1,502 | 998,200 | ..... | ..... |
| *e* 110 | 73,000 | 59,257 | 2,462,700 | *e* 110 | 73,000 | *f* 59,257 | 2,462,700 |
| *a* 213 | 141,600 | ..... | ..... | *a* 213 | 141,600 | ..... | ..... |
| *e* 246 | 163,500 | 48,123 | *b* 2,000,000 | *e* 246 | 163,500 | 48,123 | *b* 2,000,000 |
| *i* 770 | 511,700 | *i* 54,986 | 2,285,200 | *j* 728 | 484,000 | *j* 57,978 | 2,409,600 |
| 12,678 | *a* 8,426,000 | ..... | ..... | 12,678 | *a* 8,426,000 | ..... | ..... |
| 36,461 | 24,232,000 | ..... | ..... | 44,096 | 29,305,800 | ..... | ..... |
| 4,998 | 3,318,300 | ..... | ..... | 5,738 | 3,813,600 | ..... | ..... |
| 918 | 606,300 | ..... | ..... | 884 | 587,900 | ..... | ..... |
| 220,133 | 146,297,600 | 4,757,035 | 197,740,700 | 234,006 | 155,521,700 | 5,013,040 | 8,371,100 |

*f* Estimated the same as officially communicated for 1892.
*g* Estimated the same as officially communicated for 1893.
*h* Product of imperial mines, 1891; private mines, 1889.
*i* Product of imperial mines, 1892; private mines, 1890.
*j* Product of imperial mines, 1893; private mines, 1891.

## XXIII.—Production of Gold and Silver in

[From 1493 to 1885 is from a table of averages for certain periods compiled by Dr. Adolph Soet-

| Periods. | GOLD. | | | |
|---|---|---|---|---|
| | Annual average for the period. | | Total for the period. | |
| | Fine ounces. | Value. | Fine ounces. | Value. |
| 1493–1520 | 186,470 | $3,855,000 | 5,221,160 | $107,981,000 |
| 1521–1544 | 230,194 | 4,759,000 | 5,524,656 | 114,205,000 |
| 1545–1560 | 273,596 | 5,656,000 | 4,377,544 | 90,492,000 |
| 1561–1580 | 219,906 | 4,546,000 | 4,398,120 | 90,917,000 |
| 1581–1600 | 237,267 | 4,905,000 | 4,745,340 | 98,095,000 |
| 1601–1620 | 273,918 | 5,662,000 | 5,478,360 | 113,248,000 |
| 1621–1640 | 266,845 | 5,516,000 | 5,336,900 | 110,324,000 |
| 1641–1660 | 281,955 | 5,828,000 | 5,639,110 | 116,571,000 |
| 1661–1680 | 297,709 | 6,154,000 | 5,954,180 | 123,094,000 |
| 1681–1700 | 346,095 | 7,154,000 | 6,921,895 | 143,088,000 |
| 1701–1720 | 412,163 | 8,520,000 | 8,243,260 | 170,403,000 |
| 1721–1740 | 613,422 | 12,681,000 | 12,268,440 | 253,611,000 |
| 1741–1760 | 791,211 | 16,356,000 | 15,824,230 | 327,116,000 |
| 1761–1780 | 665,666 | 13,761,000 | 13,313,315 | 275,211,000 |
| 1781–1800 | 571,948 | 11,823,000 | 11,438,970 | 236,464,000 |
| 1801–1810 | 571,563 | 11,815,000 | 5,715,627 | 118,152,000 |
| 1811–1820 | 367,957 | 7,606,000 | 3,679,568 | 76,063,000 |
| 1821–1830 | 457,044 | 9,448,000 | 4,570,444 | 94,479,000 |
| 1831–1840 | 652,291 | 13,484,000 | 6,522,913 | 134,841,000 |
| 1841–1850 | 1,760,502 | 36,393,000 | 17,605,018 | 363,928,000 |
| 1851–1855 | 6,410,324 | 132,513,000 | 32,051,621 | 662,568,000 |
| 1856–1860 | 6,486,262 | 134,083,000 | 32,431,312 | 670,415,000 |
| 1861–1865 | 5,949,582 | 122,989,000 | 29,747,913 | 614,944,000 |
| 1866–1870 | 6,270,686 | 129,614,000 | 31,350,430 | 648,071,000 |
| 1871–1875 | 5,591,014 | 115,577,000 | 27,955,068 | 577,883,000 |
| 1876–1880 | 5,543,110 | 114,586,000 | 27,715,550 | 572,931,000 |
| 1881–1885 | 4,794,755 | 99,116,000 | 23,973,773 | 495,582,000 |
| 1886 | 5,127,750 | 106,000,000 | 5,127,750 | 106,000,000 |
| 1887 | 5,116,865 | 105,775,000 | 5,116,865 | 105,775,000 |
| 1888 | 5,330,780 | 110,197,000 | 5,330,780 | 110,197,000 |
| 1889 | 5,973,780 | 123,489,000 | 5,973,780 | 123,489,000 |
| 1890 | 5,749,320 | 118,849,000 | 5,749,320 | 118,849,000 |
| 1891 | 6,320,195 | 130,650,000 | 6,320,195 | 130,650,000 |
| 1892 | 7,077,165 | 146,298,000 | 7,077,165 | 146,298,000 |
| 1893 | 7,523,377 | 155,522,000 | 7,523,377 | 155,522,000 |
| Total | | | 406,223,949 | 8,397,395,000 |

THE WORLD SINCE THE DISCOVERY OF AMERICA.

beer. For the years 1886 to 1893 the production is the annual estimate of the Bureau of the Mint.]

| SILVER. | | | | PERCENTAGE OF PRODUCTION. | | | |
|---|---|---|---|---|---|---|---|
| Annual average for the period. | | Total for the period. | | By weight. | | By value. | |
| Fine ounces. | Coining value. | Fine ounces. | Coining value. | Gold. | Silver. | Gold. | Silver. |
| 1,511,050 | $1,954,000 | 42,309,400 | $54,703,000 | 11 | 89 | 66.4 | 33.6 |
| 2,899,930 | 3,749,000 | 69,598,320 | 89,986,000 | 7.4 | 92.6 | 55.9 | 44.1 |
| 10,017,940 | 12,952,000 | 160,287,040 | 207,240,000 | 2.7 | 97.3 | 30.4 | 69.6 |
| 9,628,925 | 12,450,000 | 192,578,500 | 248,990,000 | 2.2 | 97.8 | 26.7 | 73.3 |
| 13,467,635 | 17,413,000 | 269,352,700 | 348,254,000 | 1.7 | 98.3 | 22 | 78 |
| 13,596,235 | 17,579,000 | 271,924,700 | 351,579,000 | 2 | 98 | 24.4 | 75.6 |
| 12,654,240 | 16,361,000 | 253,084,800 | 327,221,000 | 2.1 | 97.9 | 25.2 | 74.8 |
| 11,776,545 | 15,226,000 | 235,530,900 | 304,525,000 | 2.3 | 97.7 | 27.7 | 72.3 |
| 10,834,550 | 14,008,000 | 216,691,000 | 280,166,000 | 2.7 | 97.3 | 30.5 | 69.5 |
| 10,992,085 | 14,212,000 | 219,841,700 | 284,240,000 | 3.1 | 96.9 | 33.5 | 66.5 |
| 11,432,540 | 14,781,000 | 228,650,800 | 295,629,000 | 3.5 | 96.5 | 36.6 | 63.4 |
| 13,863,080 | 17,924,000 | 277,261,600 | 358,480,000 | 4.2 | 95.8 | 41.4 | 58.6 |
| 17,140,612 | 22,162,000 | 342,812,235 | 443,232,000 | 4.4 | 95.6 | 42.5 | 57.5 |
| 20,985,591 | 27,133,000 | 419,711,820 | 542,658,000 | 3.1 | 96.9 | 33.7 | 66.3 |
| 28,261,779 | 36,540,000 | 565,235,580 | 730,810,000 | 2 | 98 | 24.4 | 75.6 |
| 28,746,922 | 37,168,000 | 287,469,225 | 371,677,000 | 1.9 | 98.1 | 24.1 | 75.9 |
| 17,385,755 | 22,479,000 | 173,857,555 | 224,786,000 | 2.1 | 97.9 | 25.3 | 74.7 |
| 14,807,004 | 19,144,000 | 148,070,040 | 191,444,000 | 3 | 97 | 33 | 67 |
| 19,175,867 | 24,798,000 | 191,758,675 | 247,930,000 | 3.3 | 96.7 | 35.2 | 64.8 |
| 25,090,342 | 32,440,000 | 250,903,422 | 324,400,000 | 6.6 | 93.4 | 52.9 | 47.1 |
| 28,488,597 | 36,824,000 | 142,442,986 | 184,169,000 | 18.4 | 81.6 | 78.3 | 21.7 |
| 29,095,428 | 37,618,000 | 145,477,142 | 188,092,000 | 18.2 | 81.8 | 78.1 | 21.9 |
| 35,401,972 | 45,772,000 | 177,009,862 | 228,861,000 | 14.4 | 85.6 | 72.9 | 27.1 |
| 43,051,583 | 55,663,000 | 215,257,914 | 278,313,000 | 12.7 | 87.3 | 70 | 30 |
| 63,317,014 | 81,864,000 | 316,585,069 | 409,322,000 | 8.1 | 91.9 | 58.5 | 41.5 |
| 78,775,602 | 101,851,060 | 393,878,009 | 509,256,000 | 6.6 | 93.4 | 53 | 47 |
| 92,003,944 | 118,955,000 | 460,019,722 | 594,773,000 | 5 | 95 | 45.5 | 54.5 |
| 93,276,000 | 120,600,000 | 93,276,000 | 120,600,000 | 5.2 | 94.8 | 46.8 | 53.2 |
| 96,124,000 | 124,281,000 | 96,124,000 | 124,281,000 | 5 | 95 | 46 | 54 |
| 108,827,000 | 140,706,000 | 108,827,000 | 140,706,000 | 4.6 | 95.4 | 43.9 | 56.1 |
| 120,214,000 | 155,428,000 | 120,214,000 | 155,428,000 | 4.7 | 95.3 | 44.2 | 55.8 |
| 126,095,000 | 163,032,000 | 126,095,000 | 163,032,000 | 4.3 | 95.7 | 42.2 | 57.8 |
| 137,171,000 | 177,352,000 | 137,171,000 | 177,352,000 | 4.4 | 95.6 | 42.4 | 57.6 |
| 152,940,000 | 197,741,000 | 152,940,000 | 197,741,000 | 4.4 | 95.6 | 42.5 | 57.5 |
| 161,162,000 | 208,371,000 | 161,162,000 | 208,371,000 | 4.4 | 95.6 | 42.7 | 57.3 |
| ..... | ..... | 7,663,409,716 | 9,908,247,000 | 5 | 95 | 45.9 | 54.1 |

## XXIV.—Recoinages of Gold and Silver by the Coin

N. B.—To be read in connection with

| Countries. | 1873. | | 1874. | |
|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. |
| United States | a $27, 635, 490 | a $327, 271 | $15, 589, 249 | $270, 267 |
| Mexico | | | | |
| Great Britain | 4, 623. 539 | b 916, 181 | | 769, 981 |
| Australasia | | | | |
| India | | c 146, 155 | | 214, 982 |
| France | f | | | |
| Italy | | | | 4, 169, 682 |
| Switzerland | | | | |
| Spain | | | | |
| Portugal | | 47, 579 | | 24, 661 |
| Netherlands | | | | |
| Germany | r 5, 191, 644 | | r 16, 454, 093 | |
| Austria-Hungary | 923, 677 | 1, 403, 121 | 930, 942 | 1, 297, 279 |
| Norway | | | | |
| Sweden | | | | |
| Denmark | | | | |
| Russia | | | | |
| Turkey | | | | |
| Japan | | | | |
| Central and South America | | | | |
| Belgium | | | | |
| All other countries | | | | |
| Total | 38, 374, 350 | 2, 840, 307 | 32, 974, 284 | 6, 737, 022 |

| Countries. | 1878. | | 1879. | |
|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. |
| United States | $1, 617, 483 | $349, 698 | $1, 696, 902 | $709, 240 |
| Mexico | | | | |
| Great Britain | | 1, 954, 556 | 13, 732, 719 | 2, 409, 180 |
| Australasia | 49, 506 | | 114, 722 | |
| India | | 328, 882 | | 413, 336 |
| France | 529, 576 | | | |
| Italy | | 1, 656, 791 | | 2, 463, 247 |
| Switzerland | | | | |
| Spain | | | | |
| Portugal | | 81 | p 126, 961 | p 460, 253 |
| Netherlands | | | | |
| Germany | | | | |
| Austria-Hungary | 592, 934 | 1, 807, 287 | 686, 767 | 1, 541, 301 |
| Norway | | | | |
| Sweden | | 65, 631 | | |
| Denmark | | | | |
| Russia | | | | |
| Turkey | | | | |
| Japan | | | | |
| Central and South America | | | | |
| Belgium | | | | |
| All other countries | | | | |
| Total | 2, 789, 498 | 6, 162, 876 | 16, 358, 091 | 7, 996, 546 |

ING COUNTRIES OF THE WORLD, FROM 1873 TO 1892.

the "Remarks" and "Notes."

| 1875. | | 1876. | | 1877. | |
|---|---|---|---|---|---|
| Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| $2, 826, 103 | $174, 892 | $2, 529, 030 | $146, 097 | $2, 540, 600 | $1, 273, 977 |
| 10, 365, 065 | 749. 441 | 3, 107, 625 | 1, 343, 154 | 7, 579, 573 | 1, 008, 728 |
| | | 608 | d | 49, 083 | |
| | 157, 786 | | 105, 768 | | 435, 469 |
| | | 41, 010 | | 5, 028, 660 | |
| | 1, 589, 432 | | 3, 540, 905 | | 2, 538, 223 |
| | | | | | |
| | 32, 139 | | 22, 252 | | 23, 659 |
| | | | | | |
| 544, 562 | 1, 069, 489 | 1, 403. 551 | 1, 743, 227 | 1, 653, 962 | 1, 762, 782 |
| | 593, 912 | | 375, 864 | | 283, 532 |
| | | | 4, 363, 744 | | |
| | | dd 3, 243, 017 | | dd 12, 811, 196 | |
| 13, 735, 730 | 4, 367, 091 | 10, 324, 841 | 12, 141, 011 | 29, 663, 014 | 7, 326, 320 |

| 1880. | | 1881. | | 1882. | |
|---|---|---|---|---|---|
| Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| $43, 079, 887 | $678, 141 | $33, 083, 370 | $693, 910 | $5, 131, 438 | $1, 745, 046 |
| 1, 894, 803 | 2, 364, 218 | | 1, 860, 905 | | 447, 357 |
| 720 | | 146, 929 | | 658, 004 | |
| | 783, 428 | | 3, 504, 752 | | 4, 040, 518 |
| | | 418, 857 | 1, 523, 407 | 819, 318 | |
| | 1, 567, 356 | | | | |
| | | | | | |
| | | | | | 608, 307 |
| | e 91, 709, 191 | | | | |
| 702, 382 | 2, 077, 099 | | | | |
| | x 339, 237 | | | | |
| | | | | | |
| | | | 935, 369 | | 1, 797, 379 |
| 45, 677, 882 | 99, 518, 670 | 33, 649, 156 | 8, 608, 343 | 6, 608, 760 | 8, 638, 607 |

**XXIV.**—RECOINAGES OF GOLD AND SILVER BY THE COIN

N. B.—To be read in connection with

| Countries. | 1883. | | 1884. | |
|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. |
| United States | $12,018,278 | $1,858,834 | $6,594,093 | $1,662,036 |
| Mexico | | | | |
| Great Britain | 16,769,803 | 1,865,884 | 4,737,231 | 1,011,905 |
| Australasia | 369,274 | | 367,026 | |
| India | | 2,601,562 | | 1,228,285 |
| France | | | | |
| Italy | | | | g 3,474,000 |
| Switzerland | | | | |
| Spain | | | | |
| Portugal | | | | |
| Netherlands | | 81,105 | | 184,513 |
| Germany | | | | |
| Austria-Hungary | | | | 500,217 |
| Norway | | | | |
| Sweden | | | | |
| Denmark | | | | |
| Russia | | | | |
| Turkey | | | | |
| Japan | | | | |
| Central and South America | | | | |
| Belgium | | | | |
| All other countries | | 1,952,448 | | |
| Total | 29,157,355 | 8,359,833 | 11,698,350 | 8,061,061 |

| Countries. | 1888. | | 1889. | |
|---|---|---|---|---|
| | Gold. | Silver. | Gold. | Silver. |
| United States | $5,400,578 | $513,439 | $4,668,442 | $1,173,536 |
| Mexico | | 337,558 | | 535,097 |
| Great Britain | 11,056,688 | 1,146,941 | 2,937,063 | 1,139,475 |
| Australasia | 483,433 | | 658,962 | |
| India | 2,848 | 2,949,848 | 1,148 | 4,731,944 |
| France | | 2,212,897 | 3,428,913 | 1,232,456 |
| Italy | | | | 60,208 |
| Switzerland | 16,964 | | | 217,125 |
| Spain | | | | e 26,634,858 |
| Portugal | | 1,036,800 | | |
| Netherlands | | | | 122,600 |
| Germany | 16,321,492 | 989,127 | 7,946,071 | 177,078 |
| Austria-Hungary | | 244,934 | | 275,248 |
| Norway | | 76,514 | | 23,718 |
| Sweden | | | | 127,388 |
| Denmark | | 8,040 | 1,381 | 27,238 |
| Russia | | | | 762,480 |
| Turkey | 66,000 | 74,448 | | |
| Japan | | | | |
| Central and South America | | 463,216 | | 65,156 |
| Belgium | | | | |
| All other countries | | 1,478,253 | | |
| Total | 33,348,023 | 11,532,015 | 19,640,020 | 37,265,655 |

ING COUNTRIES OF THE WORLD FROM 1873 TO 1892—Continued.

the "Remarks" and "Notes."

| 1885. | | 1886. | | 1887. | |
|---|---|---|---|---|---|
| Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| $7,919,278 | $2,030,971 | $9,518,475 | $1,323,909 | $16,112,469 | $6,559,674 |
| 6,062,725 | 1,568,641 | | 900,862 | 11,192,950 | 1,721,918 |
| 31,403 | | 196,772 | | 2,550 | |
| | 2,250,469 | | c 3,932,256 | 4,250 | 3,345,629 |
| | | | | | 1,719,742 |
| h 5,170 | | i 229,728 | 1,795,364 | | |
| h | h 2,080,167 | | | | i 270,200 |
| | | n 2,390,151 | n 2,811,717 | | |
| | | 58,320 | | | |
| | 291,990 | | | q | 76,380 |
| i 268,734 | i 1,907,233 | 84,643 | | 21,111,828 | |
| | 224,663 | | | 958,881 | 192,815 |
| | v 672,742 | | | | |
| y 64,645 | | | | | 19,296 |
| | aa 54,551 | | | | |
| (ee) | | | | | |
| | | | 880,000 | | |
| | | | 875,500 | | |
| | | | 921,768 | | 1,515,400 |
| | 1,083,629 | | 2,250,854 | | 1,945,714 |
| 14,371,955 | 12,135,056 | 12,428,089 | 15,692,230 | 49,382,928 | 19,266,768 |

| 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|
| Gold. | Silver. | Gold. | Silver. | Gold. | Silver. |
| $9,415,534 | $3,867,236 | $14,787,563 | $4,864,557 | $7,077,726 | $7,726,297 |
| 15,806,518 | 1,851,253 | 2,807,897 | 1,315,522 | c 67,963,162 | 1,825,342 |
| 375,661 | | 92,010 | | 7,304 | |
| | 2,942,450 | | 1,613,404 | | 969,082 |
| 3,871,895 | | 3,063,965 | | 888,958 | |
| | 1,091 | 6,058 | | | 22,096 |
| | 279,850 | | 144,750 | | m 183,350 |
| c 101,385,311 | 1,479,152 | | 2,423,115 | | 892,476 |
| 407,160 | 540,000 | | | | |
| | 84,420 | | 80,400 | | 1,513,466 |
| 2,191,750 | | 295,488 | | 1,006,354 | 1,237,864 |
| 922,417 | 928,653 | 795,338 | 687,287 | u 2,185,276 | u 725,292 |
| w 1,206 | 20,368 | | 22,944 | | 35,376 |
| | 108,569 | | 7,069 | | |
| | | | 1,052 | | 882 |
| | 433,752 | | 2,690,902 | | 3,285,943 |
| | | bb 3,342,108 | 432,410 | 140,800 | 884,268 |
| | | | | cc 2,713,989 | cc 2,189,429 |
| | 250,000 | | | | |
| 357,154 | 271,051 | 3,263,092 | 956,795 | 1,177,846 | 517,000 |
| 134,736,846 | 13,057,845 | 28,473,514 | 15,246,207 | 83,061,415 | 21,028,103 |

## XXV.—Recoinages of Gold and Silver by the Coining Countries of the World from 1873 to 1892—Continued.

### RECAPITULATION.

| Years. | Gold. | Silver. |
|---|---|---|
| 1873 | $38,374,350 | $2,840,307 |
| 1874 | 32,974,284 | 6,737,022 |
| 1875 | 13,735,730 | 4,367,091 |
| 1876 | 10,324,841 | 12,141,011 |
| 1877 | 29,663,014 | 7,326,229 |
| 1878 | 2,789,498 | 6,162,876 |
| 1879 | 16,358,091 | 7,996,546 |
| 1880 | 45,677,882 | 99,518,670 |
| 1881 | 33,649,156 | 8,608,343 |
| 1882 | 6,608,760 | 8,638,607 |
| 1883 | 29,157,355 | 8,359,833 |
| 1884 | 11,698,350 | 8,061,061 |
| 1885 | 14,371,955 | 12,135,056 |
| 1886 | 12,428,089 | 15,692,230 |
| 1887 | 49,382,928 | 19,266,766 |
| 1888 | 33,348,023 | 11,532,015 |
| 1889 | 19,640,020 | 37,285,655 |
| 1890 | 134,736,846 | 13,057,845 |
| 1891 | 28,473,514 | 15,246,207 |
| 1892 | 83,061,415 | 21,028,103 |
| Total | 646,454,101 | 326,001,566 |

### REMARKS.

A blank space indicates absence of information; a dash, that there either was no recoinage, or, if any, that it is included in the recoinage given for some subsequent year, and mentioned in a note to the latter year.

Each country's recoinage of foreign coins has been given when it could be ascertained. It is believed that, beginning with 1887, the table is quite complete in this respect.

Of interest in connection with the table is the following information as to the demonetization, sales, etc., of gold and silver coins not recoined, resulting from the notable monetary reforms occurring during the period from 1873 to 1892:

*Germany.*—Under the monetary reform, begun in 1873, establishing a gold standard, there were withdrawn from circulation, up to the close of 1880, for account of the Empire, and melted into bars, coins which produced 3,737,322 kilograms of fine silver. Of this quantity there had been sold, up to the suspension of sales in May, 1879, 3,551,431 kilograms, of the value of $147,597,472 (16,214.5 kilograms, of the value of $673,874.62 were used in the manufacture of new silver coins of the Empire), leaving a balance of 169,676.5 kilograms, of the value of $7,051,755.29, unsold May, 1879, and disposed of since.

*Sweden, Norway, and Denmark.*—In consequence of the change from a silver to a gold standard under the Scandinavian Monetary Union of 1873, it is estimated that Sweden exported about $1,500,000 in silver; Norway melted into bars and sold at London silver coins of the nominal value of about $1,094,400; and Denmark sold silver amounting to about $7,000,000 during the three years ending June 30, 1876; a total of $9,600,000, in round numbers.

*District of Funchal, Portugal.*—Under the law of May 2, 1879, silver was sold in London to the amount of $785,400.

*Italy.*—By the end of 1886 almost the total issue of 520,000,000 lire, or about $101,223,200, in the silver dollars issued by the Government of the Two Sicilies had been called in by the Italian Government.

*Roumania.*—In execution of the law passed by the Roumanian Parliament, March, 1890, for the adoption of a gold standard, and for the substitution of gold coin for 40,000,000 francs of the existing 5-franc silver currency, about 25,000,000, or $5,000,000, of the latter coins have been withdrawn from circulation and sold in Europe and for the East.

*Egypt.*—In 1891, $494,800 in Egyptian pounds (silver) were melted at Berlin and sold.

NOTES.

*a* Recoinages of the United States, given by fiscal years ending June 30, up to and including 1879, from which by calendar years.

*b* Silver recoinages given for Great Britain include all worn silver coins withdrawn from British Colonies, and all recoinages of Great Britain given by fiscal years ending March 31.

*c* Amount of gold coinage for the year. Light-weight gold coin, to the value of $84,521,980, was imported into the royal mint during the year.

*d* See note *b*. Silver has never been coined by the branch mints in Australia.

*e* Recoinage of India, given by fiscal years ending March 31, up to and including 1885, from which by calendar years.

*f* No recoinage of French gold coins up to 1886. Gold recoinages reported up to that year were of foreign coins.

*g* Recoined in 1883 and 1884, from 50 and 20 centesimi pieces.

*h* Estimated recoinage of Italian gold coins from establishment of Kingdom of Italy; in 1862, to December 31, 1885.

*i* Only a portion of this amount was recoinage.

*k* No recoinage of national gold or silver since establishment of mint, except of $2,090,167, up to 1885, in subsidiary silver necessitated by the monetary convention of December 23, 1865.

*l* Only a portion of this amount was recoinage.

*m* Only a transformation into coin of the new design adopted in 1887.

*n* A large proportion of gold coins, and nearly all the silver coins, struck in 1886 were produced from old pieces withdrawn from circulation.

*o* Total recoinage of gold and silver, respectively, from 1868 to July 12, 1890, the silver being largely old coins of the Spanish Indies.

*p* Resulting from the monetary reform in the district of Funchal, Madeira, under the law of May 2, 1879.

*q* No gold recoined since 1875.

*r* Value of gold coins of the different German States demonetized and withdrawn by reason of the establishment by the German Empire of an exclusive gold standard.

*s* Total value of silver coins of the different German States demonetized and delivered, from 1873 to 1880, to the mints for coinage in the new Imperial silver coins.

*t* Total recoinage of gold and silver coins, respectively, of the Empire from its establishment to the end of 1885.

*u* For Hungary only.

*v* In the course of the transition from the silver standard to that of gold in Norway, under the Scandinavian Monetary Union of 1873, old silver coins of the nominal value of $645,972 were withdrawn from circulation, and converted into subsidiary coins of the new system. Silver coins of the value of $26,770 have been recoined since. The metal used in the gold coinage was exclusively gold bullion purchased in London, no gold coin having been presented for exchange at the mint.

*w* Up to the end of 1890 there had been struck in Norway gold coin to the value of $4,250,659, of which amount there had been withdrawn from circulation, as worn and broken, coins to the value of $1,206.

*x* The figures given for the years 1875, 1876, 1877, 1878, and 1880 show the amounts of silver coins brought to the Stockholm mint for exchange during those years, and are the approximate amounts of silver recoinage resulting from the change from the silver to the gold standard, under the Scandinavian Monetary Union of 1873.

*y* This amount includes the total recoinage up to the end of 1885 of national gold coins, and also foreign gold coins to the value of $46,989, exchanged at the mint in 1874, 1876, 1877, and 1879.

*z* Estimated recoinage of silver coins from 1873 to end of 1876, resulting from the change from the silver to a gold standard under the Scandinavian Monetary Union of 1873.

*aa* Total silver recoinage since completion of the monetary reform begun in 1873.

*bb* Only a portion of this was recoinage.

*cc* Total amount of worn Japanese gold and silver coins, and foreign gold and silver coins, respectively, purchased or imported into the Imperial mint from its commencement in December, 1870, to March 31, 1893.

*dd* All foreign coins.

*ee* The amount of recoinage of gold from 1800 to January, 1886, is reported as having been altogether insignificant.

## XXV.—Coinage of the Mints of the United States from their Organization, 1792, to the Calendar Year ended December 31, 1893.

| Denominations. | Pieces. | Value. |
|---|---|---|
| **GOLD.** | | |
| Double-eagles | 58,117,645 | $1,162,352,900.00 |
| Eagles | 23,309,445 | 233,094,450.00 |
| Half-eagles | 41,553,880 | 207,769,400.00 |
| Three-dollar pieces (coinage discontinued under act of September 26, 1890) | 539,792 | 1,619,376.00 |
| Quarter-eagles | 11,468,280 | 28,670,700.00 |
| Dollars (coinage discontinued under act of September 26, 1890) | 19,499,337 | 19,499,337.00 |
| Total gold | 154,488,379 | 1,653,006,163.00 |
| **SILVER.** | | |
| Dollars (coinage discontinued, act of February 12, 1873, and resumed under act of February 28, 1878) | 427,364,015 | *427,364,015.00 |
| Trade-dollars | 35,965,924 | 35,965,924.00 |
| Half-dollars | 257,182,440 | †128,591,220.00 |
| Quarter-dollars | 183,798,924 | ‡45,949,731.00 |
| Twenty-cent pieces (coinage discontinued, act of May 2, 1878) | 1,355,000 | 271,000.00 |
| Dimes | 284,050,717 | 28,405,071.70 |
| Half-dimes (coinage discontinued, act February 12, 1873) | 97,604,388 | 4,880,219.40 |
| Three-cent pieces (coinage discontinued, act February 12, 1873) | 42,736,240 | 1,282,087.20 |
| Total silver | 1,330,057,648 | 672,709,268.30 |
| **MINOR.** | | |
| Five-cent pieces, nickel | 265,682,478 | 13,283,673.90 |
| Three-cent pieces, nickel (coinage discontinued, act September 26, 1890) | 31,378,316 | 961,249.48 |
| Two-cent pieces, bronze (coinage discontinued, act February 12, 1873) | 45,601,000 | 912,020.00 |
| One-cent pieces, copper (coinage discontinued, act February 21, 1857) | 156,288,744 | 1,562,887.44 |
| One-cent pieces, nickel (coinage discontinued, act April 22, 1864) | 290,772,000 | 2,907,720.00 |
| One-cent pieces, bronze | 729,687,674 | 7,296,876.74 |
| Half-cent pieces, copper (coinage discontinued, act February 21, 1857) | 7,985,223 | 39,926.11 |
| Total minor | 1,437,324,434 | 26,043,353.87 |
| Total coinage | 2,921,870,461 | 2,351,758,785.17 |

| | | |
|---|---|---|
| *Coined prior to 1873 | | $8,051,220 |
| Coined under act of February 28, 1878 | $378,166,798 | |
| Act of July 14, 1890 | 36,087,512 | 419,232,777 |
| Act of March 31, 1891 | 5,078,472 | |
| Total | | 427,364,015 |

†Includes $2,501,052.50 in Columbian souvenir half-dollars.

‡Includes $1,005.75 in Columbian souvenir quarter-dollars.

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at Philadelphia from

| Calendar year. | Gold coinage. | | | | | |
|---|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half eagles. | Three dollars. | Quarter eagles. | Dollars. |
| 1793 to 1795 | ..... | $27,950 | $43,535 | ..... | ..... | ..... |
| 1796 | ..... | 60,800 | 16,995 | ..... | $165.00 | ..... |
| 1797 | ..... | 91,770 | 32,030 | ..... | 4,390.00 | ..... |
| 1798 | ..... | 79,740 | 124,335 | ..... | 1,535.00 | ..... |
| 1799 | ..... | 174,830 | 37,255 | ..... | 1,200.00 | ..... |
| 1800 | ..... | 258,650 | 58,110 | ..... | ..... | ..... |
| 1801 | ..... | 202,540 | 130,030 | ..... | ..... | ..... |
| 1802 | ..... | 150,900 | 265,380 | ..... | 6,530.00 | ..... |
| 1803 | ..... | 89,790 | 167,530 | ..... | 1,057.50 | ..... |
| 1804 | ..... | 97,950 | 152,375 | ..... | 8,317.50 | ..... |
| 1805 | ..... | ..... | 165,915 | ..... | 4,452.50 | ..... |
| 1806 | ..... | ..... | 320,465 | ..... | 4,040.00 | ..... |
| 1807 | ..... | ..... | 420,465 | ..... | 17,030.00 | ..... |
| 1808 | ..... | ..... | 277,890 | ..... | 6,775.00 | ..... |
| 1809 | ..... | ..... | 169,375 | ..... | ..... | ..... |
| 1810 | ..... | ..... | 501,435 | ..... | ..... | ..... |
| 1811 | ..... | ..... | 497,905 | ..... | ..... | ..... |
| 1812 | ..... | ..... | 290,435 | ..... | ..... | ..... |
| 1813 | ..... | ..... | 477,140 | ..... | ..... | ..... |
| 1814 | ..... | ..... | 77,270 | ..... | ..... | ..... |
| 1815 | ..... | ..... | 3,175 | ..... | ..... | ..... |
| 1816 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1817 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1818 | ..... | ..... | 242,940 | ..... | ..... | ..... |
| 1819 | ..... | ..... | 258,615 | ..... | ..... | ..... |
| 1820 | ..... | ..... | 1,319,030 | ..... | ..... | ..... |
| 1821 | ..... | ..... | 173,205 | ..... | 16,120.00 | ..... |
| 1822 | ..... | ..... | 88,980 | ..... | ..... | ..... |
| 1823 | ..... | ..... | 72,425 | ..... | ..... | ..... |
| 1824 | ..... | ..... | 86,700 | ..... | 6,500.00 | ..... |
| 1825 | ..... | ..... | 145,300 | ..... | 11,085.00 | ..... |
| 1826 | ..... | ..... | 90,345 | ..... | 1,900.00 | ..... |
| 1827 | ..... | ..... | 124,565 | ..... | 7,000.00 | ..... |
| 1828 | ..... | ..... | 140,145 | ..... | ..... | ..... |
| 1829 | ..... | ..... | 287,210 | ..... | 8,507.50 | ..... |
| 1830 | ..... | ..... | 631,755 | ..... | 11,350.00 | ..... |
| 1831 | ..... | ..... | 702,970 | ..... | 11,300.00 | ..... |
| 1832 | ..... | ..... | 787,435 | ..... | 11,000.00 | ..... |
| 1833 | ..... | ..... | 968,150 | ..... | 10,400.00 | ..... |
| 1834 | ..... | ..... | 3,660,845 | ..... | 293,425.00 | ..... |
| 1835 | ..... | ..... | 1,857,670 | ..... | 328,505.00 | ..... |
| 1836 | ..... | ..... | 2,765,735 | ..... | 1,369,965.00 | ..... |
| 1837 | ..... | ..... | 1,035,605 | ..... | 112,700.00 | ..... |
| 1838 | ..... | 72,000 | 1,432,940 | ..... | 117,575.00 | ..... |
| 1839 | ..... | 382,480 | 590,715 | ..... | 67,552.50 | ..... |
| 1840 | ..... | 473,380 | 686,910 | ..... | 47,147.50 | ..... |
| 1841 | ..... | 631,310 | 79,165 | ..... | ..... | ..... |
| 1842 | ..... | 815,070 | 137,890 | ..... | 7,057.50 | ..... |
| 1843 | ..... | 754,620 | 3,056,025 | ..... | 251,365.00 | ..... |

NOTE.—Not susceptible of exact statement by years of actual date of coin, the registry of annual having been invariably completed within the year of the date of coin, as now required.

FROM THEIR ORGANIZATION, BY CALENDAR YEARS.

its organization, 1793, to December 31, 1893.]

| SILVER COINAGE. | | | | | | | |
|---|---|---|---|---|---|---|---|
| Trade dollars. | Dollars. | Half dollars. | Quarter dollars. | Twenty cents. | Dimes. | Half dimes. | Three cents. |
| ..... | $204,791 | $161,572.00 | ..... | ..... | ..... | $4,320.80 | ..... |
| ..... | 72,920 | ..... | $1,473.50 | ..... | $2,213.50 | 511.50 | ..... |
| ..... | 7,776 | 1,959.00 | 63.00 | ..... | 2,526.10 | 2,226.35 | ..... |
| ..... | 227,536 | ..... | ..... | ..... | 2,755.00 | ..... | ..... |
| ..... | 423,515 | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 220,920 | ..... | ..... | ..... | 2,176.00 | 1,200.00 | ..... |
| ..... | 54,454 | 15,144.50 | ..... | ..... | 3,464.00 | 1,695.50 | ..... |
| ..... | 41,650 | 14,945.00 | ..... | ..... | 1,097.50 | 650.50 | ..... |
| ..... | 66,064 | 15,857.50 | ..... | ..... | 3,304.00 | 1,892.50 | ..... |
| ..... | 19,570 | 78,259.50 | 1,684.50 | ..... | 826.50 | ..... | ..... |
| ..... | 321 | 105,861.00 | 30,348.50 | ..... | 12,078.00 | 780.00 | ..... |
| ..... | ..... | 419,788.00 | 51,531.00 | ..... | ..... | ..... | ..... |
| ..... | ..... | 525,788.00 | 55,160.75 | ..... | 16,500.00 | ..... | ..... |
| ..... | ..... | 684,300.00 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 702,905.00 | ..... | ..... | 4,471.00 | ..... | ..... |
| ..... | ..... | 638,138.00 | ..... | ..... | 635.50 | ..... | ..... |
| ..... | ..... | 601,822.00 | ..... | ..... | 6,518.00 | ..... | ..... |
| ..... | ..... | 814,029.50 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 620,951.50 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 519,587.50 | ..... | ..... | 42,150.00 | ..... | ..... |
| ..... | ..... | ..... | 17,308.00 | ..... | ..... | ..... | ..... |
| ..... | ..... | 23,575.00 | 5,000.75 | ..... | ..... | ..... | ..... |
| ..... | ..... | 607,783.50 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 980,161.00 | 90,293.50 | ..... | ..... | ..... | ..... |
| ..... | ..... | 1,104,000.00 | 36,000.00 | ..... | ..... | ..... | ..... |
| ..... | ..... | 375,561.00 | 31,861.00 | ..... | 94,258.70 | ..... | ..... |
| ..... | ..... | 652,898.50 | 54,212.75 | ..... | 118,651.20 | ..... | ..... |
| ..... | ..... | 779,786.50 | 16,020.00 | ..... | 10,000.00 | ..... | ..... |
| ..... | ..... | 847,100.00 | 4,450.00 | ..... | 44,000.00 | ..... | ..... |
| ..... | ..... | 1,752,477.00 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 1,471,583.00 | 42,000.00 | ..... | 51,000.00 | ..... | ..... |
| ..... | ..... | 2,002,090.00 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 2,746,700.00 | 1,000.00 | ..... | 121,500.00 | ..... | ..... |
| ..... | ..... | 1,537,600.00 | 25,500.00 | ..... | 12,500.00 | ..... | ..... |
| ..... | ..... | 1,856,078.00 | ..... | ..... | 77,000.00 | 61,500.00 | ..... |
| ..... | ..... | 2,382,400.00 | ..... | ..... | 51,000.00 | 62,000.00 | ..... |
| ..... | ..... | 2,936,830.00 | 99,500.00 | ..... | 77,135.00 | 62,135.00 | ..... |
| ..... | ..... | 2,398,500.00 | 80,000.00 | ..... | 52,250.00 | 48,250.00 | ..... |
| ..... | ..... | 2,603,000.00 | 39,000.00 | ..... | 48,500.00 | 68,500.00 | ..... |
| ..... | ..... | 3,206,002.00 | 71,500,00 | ..... | 63,500.00 | 74,000.00 | ..... |
| ..... | ..... | 2,676,003.00 | 488.000.00 | ..... | 141,000.00 | 138,000.00 | ..... |
| ..... | 1,000 | 3,273,100.00 | 118,000.00 | ..... | 119,000.00 | 95,000.00 | ..... |
| ..... | ..... | 1,814,910.00 | 63,100.00 | ..... | 104,200.00 | 113,800.00 | ..... |
| ..... | ..... | 1,773,000.00 | 208,000.00 | ..... | 199,250.00 | 112,750.00 | ..... |
| ..... | 300 | 1,667,280.00 | 122,786.50 | ..... | 105,311.50 | 53,457.50 | ..... |
| ..... | 61,005 | 717,504.00 | 47,031.75 | ..... | 135,858.00 | 67,204.25 | ..... |
| ..... | 173,000 | 155,000.00 | 30,000.00 | ..... | 162,250.00 | 57,500.00 | ..... |
| ..... | 184,618 | 1,006,382.00 | 22,000.00 | ..... | 188,750.00 | 40,750.00 | ..... |
| ..... | 165,100 | 1,922,000.00 | 161,400.00 | ..... | 137,000.00 | 58,250.00 | ..... |

coinage being of coin delivered by coiners of mints within the given year, and these deliveries not

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at Philadelphia from

| Calendar years. | GOLD COINAGE. | | | | | |
|---|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half eagles. | Three dollars. | Quarter eagles. | Dollars. |
| 1844 | ..... | $63,610 | $1,701,650 | ..... | $16,960.00 | ..... |
| 1845 | ..... | 261,530 | 2,095,495 | ..... | 227,627.50 | ..... |
| 1846 | ..... | 200,950 | 1,979,710 | ..... | 53,995.00 | ..... |
| 1847 | ..... | 3,622,560 | 4,579,905 | ..... | 74,535.00 | ..... |
| 1848 | ..... | 1,454,540 | 1,303,875 | ..... | 22,215.00 | ..... |
| 1849 | ..... | 6,536,180 | 995,250 | ..... | 58,225.00 | $669,567 |
| 1850 | $23,405,220 | 2,014,510 | 332,455 | ..... | 682,397.50 | 481,953 |
| 1851 | 41,743,100 | 1,763,230 | 1,887,525 | ..... | 3,431,872.00 | 2,317,671 |
| 1852 | 41,060,520 | 2,621,060 | 2,809,505 | ..... | 2,809,262.50 | 2,045,251 |
| 1853 | 35,226,520 | 2,012,530 | 1,523,850 | ..... | 3,511,670.00 | 4,076,651 |
| 1854 | 15,127,960 | 542,500 | 803,375 | $415,854 | 1,490,645.00 | 1,639,445 |
| 1855 | 7,263,320 | 1,217,010 | 595,490 | 151,695 | 563,700.00 | 756,269 |
| 1856 | 6,507,560 | 804,900 | 998,950 | 78,030 | 999,600.00 | 1,763,900 |
| 1857 | 8,787,500 | 166,060 | 490,940 | 63,673 | 525,225.00 | 774,729 |
| 1858 | 4,234,280 | 25,210 | 75,680 | 6,299 | 113,442.50 | 117,995 |
| 1859 | 671,940 | 160,930 | 84,070 | 46,914 | 93,610.00 | 163,244 |
| 1860 | 11,558,400 | 117,830 | 99,125 | 21,485 | 56,687.50 | 36,000 |
| 1861 | 59,539,060 | 1,133,330 | 3,199,750 | 13,216 | 3,151,295.00 | 527,490 |
| 1862 | 1,843,660 | 109,950 | 22,225 | 17,855 | 280,882.50 | 1,336,805 |
| 1863 | 2,855,800 | 12,460 | 12,360 | 15,117 | 75.00 | 6,250 |
| 1864 | 4,085,700 | 25,900 | 21,100 | 8,040 | 7,185.00 | 5,950 |
| 1865 | 7,024,000 | 40,050 | 6,475 | 3,465 | 3,962.50 | 3,725 |
| 1866 | 13,975,500 | 37,300 | 38,600 | 12,000 | 7,775.00 | 7,130 |
| 1867 | 5,021,300 | 31,460 | 24,600 | 7,950 | 8,125.00 | 5,250 |
| 1868 | 1,972,000 | 106,550 | 28,625 | 14,625 | 9,062.50 | 10,535 |
| 1869 | 3,503,100 | 13,550 | 8,925 | 7,575 | 10,962.50 | 5,925 |
| 1870 | 3,103,700 | 25,350 | 20,175 | 10,005 | 11,387.50 | 6,235 |
| 1871 | 1,908,000 | 17,300 | 16,150 | 3,990 | 13,375.00 | 3,005 |
| 1872 | 5,037,600 | 16,500 | 8,450 | 6,090 | 7,575.00 | 3,530 |
| 1873 | 24,196,500 | 8,250 | 562,525 | 75 | 445,062.50 | 125,125 |
| 1874 | 7,336,000 | 531,300 | 17,540 | 125,460 | 9,850.00 | 102,530 |
| 1875 | 5,914,300 | 1,200 | 1,100 | 60 | 1,050.00 | 430 |
| 1876 | 11,678,100 | 7,320 | 7,335 | 125 | 10,552.50 | 3,345 |
| 1877 | 7,953,400 | 8,170 | 5,760 | 4,484 | 4,130.00 | 3,020 |
| 1878 | 10,872,300 | 728,090 | 656,700 | 246,972 | 715,650.00 | 3,020 |
| 1879 | 4,152,600 | 3,847,760 | 1,509,750 | 9,090 | 222,475.00 | 3,000 |
| 1880 | 1,629,120 | 16,442,760 | 15,832,180 | 3,100 | 7,490.00 | 1,000 |
| 1881 | 45,200 | 38,772,600 | 28,544,000 | 1,650 | 1,700.00 | 7,008 |
| 1882 | 12,600 | 23,244,300 | 12,572,800 | 4,620 | 10,100.00 | 5,040 |
| 1883 | 800 | 2,037,460 | 1,167,200 | 2,520 | 4,900.00 | 10,840 |
| 1884 | 1,420 | 769,050 | 955,240 | 3,318 | 4,962.50 | 6,200 |
| 1885 | 16,560 | 2,535,270 | 3,067,530 | 2,730 | 2,217.50 | 12,205 |
| 1886 | 22,120 | 2,361,600 | 1,942,160 | 3,426 | 10,230.00 | 6,016 |
| 1887 | 2,420 | 536,300 | 435 | 13,430 | 15,705.00 | 8,543 |
| 1888 | 4,525,220 | 1,329,960 | 91,480 | 15,873 | 40,345.00 | 16,000 |
| 1889 | 882,220 | 44,850 | 37,825 | 7,287 | 44,120.00 | 30,720 |
| 1890 | 1,519,900 | 580,430 | 21,640 | ..... | 22,032.50 | ..... |
| 1891 | 28,840 | 918,680 | 807,065 | ..... | 27,600.00 | ..... |
| 1892 | 90,460 | 7,975,520 | 3,767,860 | ..... | 6,362.50 | ..... |
| 1893 | 6,686,780 | 13,408,950 | 7,640,965 | ..... | 75,205.00 | ..... |
| Total | 392,652,820 | 156,491,760 | 129,769,460 | 1,357,716 | 23,746,747.50 | 13,228,438 |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

its organization, 1793, to December 31, 1893.]

| SILVER COINAGE. | | | | | | | |
|---|---|---|---|---|---|---|---|
| Trade dollars. | Dollars. | Half dollars. | Quarter dollars. | Twenty cents. | Dimes. | Half dimes. | Three cents. |
| ..... | $20,000 | $383,000.00 | $105,300.00 | ..... | $7,250.00 | $21,500.00 | ..... |
| ..... | 24,500 | 294,500.00 | 230,500.00 | ..... | 175,500.00 | 78,200.00 | ..... |
| ..... | 110,600 | 1,105,000.00 | 127,500.00 | ..... | 3,130.00 | 1,350.00 | ..... |
| ..... | 140,750 | 578,000.00 | 133,500.00 | ..... | 24,500.00 | 63,700.00 | ..... |
| ..... | 15,000 | 200,000.00 | 36,500.00 | ..... | 45,150.00 | 33,400.00 | ..... |
| ..... | 62,600 | 626,000.00 | 85,000.00 | ..... | 83,900.00 | 65,450.00 | ..... |
| ..... | 7,500 | 113,500.00 | 47,700.00 | ..... | 198,150.00 | 47,750.00 | ..... |
| ..... | 1,300 | 109,375.00 | 40,000.00 | ..... | 102,650.00 | 39,050.00 | $163,422.00 |
| ..... | 1,100 | 33,565.00 | 44,265.00 | ..... | 153,550.00 | 50,025.00 | 559,905.00 |
| ..... | 46,110 | 1,766,354.00 | 3,813,555.00 | ..... | 1,217,301.00 | 667,251.00 | 342,000.00 |
| ..... | 33,140 | 1,491,000.00 | 3,095,000.00 | ..... | 447,000.00 | 287,000.00 | 20,130.00 |
| ..... | 26,000 | 379,750.00 | 714,250.00 | ..... | 207,500.00 | 87,500.00 | 4,170.00 |
| ..... | 63,500 | 469,000.00 | 1,816,000.00 | ..... | 578,000.00 | 244,000.00 | 43,740.00 |
| ..... | 94,000 | 994,000.00 | 2,411,000.00 | ..... | 558,000.00 | 354,000.00 | 31,260.00 |
| ..... | ..... | 2,113,000.00 | 1,842,000.00 | ..... | 154,000.00 | 175,000.00 | 48,120.00 |
| ..... | 256,500 | 374,000.00 | 336,000.00 | ..... | 43,000.00 | 17,000.00 | 10,950.00 |
| ..... | 218,930 | 151,850.00 | 201,350.00 | ..... | 60,700.00 | 39,950.00 | 8,610.00 |
| ..... | 78,500 | 1,444,200.00 | 1,213,650.00 | ..... | 192,400.00 | 164,050.00 | 14,940.00 |
| ..... | 12,090 | 126,175.00 | 233,137.50 | ..... | 84,755.00 | 74,627.50 | 10,906.50 |
| ..... | 27,660 | 251,830.00 | 48,015.00 | ..... | 1,446.00 | 923.00 | 643.80 |
| ..... | 31,170 | 189,785.00 | 23,547.50 | ..... | 3,907.00 | 23.50 | 14.10 |
| ..... | 47,060 | 255,950.00 | 14,825.00 | ..... | 1,050.00 | 675.00 | 255.00 |
| ..... | 49,625 | 372,812.50 | 4,331.25 | ..... | 872.50 | 536.25 | 681.75 |
| ..... | 60,325 | 212,162.50 | 5,156.25 | ..... | 662.50 | 431.25 | 133.75 |
| ..... | 152,760 | 189,100.00 | 7,500.00 | ..... | 46,625.00 | 4,285.00 | 123.00 |
| ..... | 424,300 | 397,950.00 | 4,150.00 | ..... | 25,660.00 | 10,430.00 | 153.00 |
| ..... | 433,009 | 300,450.00 | 21,850.00 | ..... | 47,150.00 | 26,330.00 | 120.00 |
| ..... | 1,115,760 | 582,680.00 | 42,306.00 | ..... | 75,361.00 | 74,443.00 | 127.80 |
| ..... | 1,106,450 | 440,775.00 | 45,737.50 | ..... | 239,645.00 | 147,397.50 | 58.50 |
| $397,500 | 293,600 | 1,308,750.00 | 371,075.00 | ..... | 394,710.00 | 35,630.00 | 18.00 |
| 987,800 | ..... | 1,180,150.00 | 117,975.00 | ..... | 294,070.00 | ..... | ..... |
| 218,900 | ..... | 3,013,750.00 | 1,073,375.00 | $7,940 | 1,035,070.00 | ..... | ..... |
| 456,150 | ..... | 4,209,575.00 | 4,454,287.50 | 3,180 | 1,146,115.00 | ..... | ..... |
| 3,039,710 | ..... | 4,152,255.00 | 2,727,937.50 | 102 | 731,051.00 | ..... | ..... |
| 900 | 10,509,550 | 689,200.00 | 565,200.00 | 120 | 167,880.00 | ..... | ..... |
| 1,541 | 14,807,100 | 2,950.00 | 3,675.00 | ..... | 1,510.00 | ..... | ..... |
| 1,967 | 12,601,355 | 4,877.50 | 3,738.75 | ..... | 3,735.50 | ..... | ..... |
| 960 | 9,163,975 | 5,487.50 | 3,243.75 | ..... | 2,497.50 | ..... | ..... |
| 1,097 | 11,101,100 | 2,750.00 | 4,075.00 | ..... | 891,110.00 | ..... | ..... |
| 979 | 12,291,039 | 4,519.50 | 3,859.75 | ..... | 767,571.20 | ..... | ..... |
| ..... | 14,070,875 | 2,637.50 | 2,218.75 | ..... | 336,638.00 | ..... | ..... |
| ..... | 17,787,767 | 3,065.00 | 3,632.50 | ..... | 253,342.70 | ..... | ..... |
| ..... | 19,963,886 | 2,943.00 | 1,471.50 | ..... | 637,757.00 | ..... | ..... |
| ..... | 20,290,710 | 2,855.00 | 2,677.50 | ..... | 1,128,393.90 | ..... | ..... |
| ..... | 19,183,833 | 6,416.50 | 2,708.25 | ..... | 549,648.70 | ..... | ..... |
| ..... | 21,726,811 | 6,355.50 | 3,177.75 | ..... | 738,071.10 | ..... | ..... |
| ..... | 16,802,590 | 6,295.00 | 20,147.50 | ..... | 991,154.10 | ..... | ..... |
| ..... | 8,694,206 | 100,300.00 | 980,150.00 | ..... | 1,581,060.00 | ..... | ..... |
| ..... | 1,037,245 | *942,622.50 | 2,059,311.25 | ..... | 1,212,124.50 | ..... | ..... |
| ..... | 378,792 | †2,939,448.50 | ‡1,371,268.75 | ..... | 384,079.20 | ..... | ..... |
| 5,107,524 | 217,419,084 | 36,309,129.50 | 32,583,504.50 | 11,342 | 19,636,033.90 | 3,948,791.90 | 1,260,487.20 |

* Includes Columbian souvenir half dollars, 1892, $475,000.

† Includes Columbian souvenir half dollars, 1893, $2,026,052.50.

‡ Includes Columbian souvenir quarter dollars, 1893, $10,005.75.

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at Philadelphia from

| Calendar years. | Minor coinage. | | |
|---|---|---|---|
| | Five cents. | Three cents. | Two cents. |
| 1793–1795 | | | |
| 1796 | | | |
| 1797 | | | |
| 1798 | | | |
| 1799 | | | |
| 1800 | | | |
| 1801 | | | |
| 1802 | | | |
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| 1830 | | | |
| 1831 | | | |
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| 1834 | | | |
| 1835 | | | |
| 1836 | | | |
| 1837 | | | |
| 1838 | | | |
| 1839 | | | |
| 1840 | | | |
| 1841 | | | |
| 1842 | | | |
| 1843 | | | |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

its organization, 1793, to December 31, 1893.]

| MINOR COINAGE. | | TOTAL COINAGE. | | | |
|---|---|---|---|---|---|
| Cents. | Half cents. | Gold. | Silver. | Minor. | Total. |
| $10,660.33 | $712.67 | $71,485.00 | $370,683.80 | $11,373.00 | $453,541.80 |
| 9,747.00 | 577.40 | 77,960.00 | 77,118.50 | 10,324.40 | 165,402.90 |
| 8,975.10 | 535.24 | 128,190.00 | 14,550.45 | 9,510.34 | 152,250.79 |
| 9,797.00 | ..... | 205,610.00 | 330,291.00 | 9,797.00 | 545,698.00 |
| 9,045.85 | 60.83 | 213,285.00 | 423,515.00 | 9,106.68 | 645,906.68 |
| 28,221.75 | 1,057.65 | 317,760.00 | 224,296 00 | 29,279.40 | 571,335.40 |
| 13,628.37 | ..... | 422,570.00 | 74,758.00 | 13,628.37 | 510,956.37 |
| 34,351.00 | 71.83 | 428,310.00 | 58,343.00 | 34,422.83 | 516,075.83 |
| 24,713.53 | 489.50 | 258,377.50 | 87,118.00 | 25,203.03 | 370,698.53 |
| 7,568.38 | 5,276.56 | 258,642.50 | 100,340.50 | 12,844.94 | 371,827.94 |
| 9,411.16 | 4,072.32 | 170,367.50 | 149,388.50 | 13,483.48 | 333,239.48 |
| 3,480.00 | 1,780.00 | 324,505.00 | 471,319.00 | 5,260.00 | 801,084.00 |
| 7,272.21 | 2,380.00 | 437,495.00 | 597,448.75 | 9,652.21 | 1,044,595.96 |
| 11,090.00 | 2,000.00 | 284,665.00 | 684,300.00 | 13,090.00 | 982,055.00 |
| 2,228.67 | 5,772.86 | 169,375.00 | 707,376.00 | 8,001.53 | 884,752.53 |
| 14,585.00 | 1,075.00 | 501,435.00 | 638,773.50 | 15,660.00 | 1,155,868.50 |
| 2,180.25 | 315.70 | 497,905.00 | 608,340.00 | 2,495.95 | 1,108,740.95 |
| 10,755.00 | ..... | 290,435.00 | 814,029.50 | 10,755.00 | 1,115,219.50 |
| 4,180.00 | ..... | 477,140.00 | 620,951.50 | 4,180.00 | 1,102,271.50 |
| 3,578.30 | ..... | 77,270.00 | 561,687.50 | 3,578.30 | 642,535.80 |
| ..... | ..... | 3,175.00 | 17,308.00 | ..... | 20,483.00 |
| 28,209.82 | ..... | ..... | 28,575.75 | 28,209.82 | 56,785.57 |
| 39,484.00 | ..... | ..... | 607,783.50 | 39,484.00 | 647,267.50 |
| 31,670.00 | ..... | 242,940.00 | 1,070,454.50 | 31,670.00 | 1,345,064.50 |
| 26,710.00 | ..... | 258,615.00 | 1,140,000.00 | 26,710.00 | 1,425,325.00 |
| 44,075.50 | ..... | 1,319,030.00 | 501,680.70 | 44,075.50 | 1,864,786.20 |
| 3,890.00 | ..... | 189,325.00 | 825,762.45 | 3,890.00 | 1,018,977.45 |
| 20,723.39 | ..... | 88,980.00 | 805,806.50 | 20,723.39 | 915,509.89 |
| ..... | ..... | 72,425.00 | 895,550.00 | ..... | 967,975.00 |
| 12,620.00 | ..... | 93,200.00 | 1,752,477.00 | 12,620.00 | 1,858,297.00 |
| 14,611.00 | 315.00 | 156,385.00 | 1,564,583.00 | 14,926.00 | 1,735,894.00 |
| 15,174.25 | 1,170.00 | 92,245.00 | 2,002,090.00 | 16,344.25 | 2,110,679.25 |
| 23,577.32 | ..... | 131,565.00 | 2,869,200.00 | 23,577.32 | 3,024,342.32 |
| 22,606.24 | 3,030.00 | 140,145.00 | 1,575,600.00 | 25,636.24 | 1,741,381.24 |
| 14,145.00 | 2,435.00 | 295,717.50 | 1,994,578.00 | 16,580.00 | 2,306,875.50 |
| 17,115.00 | ..... | 643,105.00 | 2,495,400.00 | 17,115.00 | 3,155,620.00 |
| 33,592.60 | 11.00 | 714,270.00 | 3,175,600.00 | 33,603.60 | 3,923,473.60 |
| 23,620.00 | ..... | 798,435.00 | 2,579,000.00 | 23,620.00 | 3,401,055.00 |
| 27,390.00 | 770.00 | 978,550.00 | 2,759,000.00 | 28,160.00 | 3,765,710.00 |
| 18,551.00 | 600.00 | 3,954,270.00 | 3,415,002.00 | 19,151.00 | 7,388,423.00 |
| 38,784.00 | 705.00 | 2,186,175.00 | 3,443,003.00 | 39,489.00 | 5,668,667.00 |
| 21,110.00 | 1,990.00 | 4,135,700.00 | 3,606,100.00 | 23,100.00 | 7,764,900.00 |
| 55,583.00 | ..... | 1,148,305.00 | 2,096,010.00 | 55,583.00 | 3,299,898.00 |
| 63,702.00 | ..... | 1,622,515.00 | 2,293,000.00 | 63,702.00 | 3,979,217.00 |
| 31,286.61 | ..... | 1,040,747.50 | 1,949,135.50 | 31,286.61 | 3,021,169.61 |
| 24,627.00 | ..... | 1,207,437.50 | 1,028,603.00 | 24,627.00 | 2,260,667.50 |
| 15,973.67 | ..... | 710,475.00 | 577,750.00 | 15,973.67 | 1,304,198.67 |
| 23,833.90 | ..... | 960,017.50 | 1,442,500.00 | 23,833.90 | 2,426,351.40 |
| 24,283.20 | ..... | 4,062,010.00 | 2,443,750.00 | 24,283.20 | 6,530,043.20 |

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at Philadelphia from

| Calendar year. | Minor coinage. | | |
|---|---|---|---|
| | Five cents. | Three cents. | Two cents. |
| 1844 | | | |
| 1845 | | | |
| 1846 | | | |
| 1847 | | | |
| 1848 | | | |
| 1849 | | | |
| 1850 | | | |
| 1851 | | | |
| 1852 | | | |
| 1853 | | | |
| 1854 | | | |
| 1855 | | | |
| 1856 | | | |
| 1857 | | | |
| 1858 | | | |
| 1859 | | | |
| 1860 | | | |
| 1861 | | | |
| 1862 | | | |
| 1863 | | | |
| 1864 | | | $396,950.00 |
| 1865 | | $341,460.00 | 272,800.00 |
| 1866 | $737,125.00 | 144,030.00 | 63,540.00 |
| 1867 | 1,545,475.00 | 117,450.00 | 58,775.00 |
| 1868 | 1,440,850.00 | 97,560.00 | 56,075.00 |
| 1869 | 819,750.00 | 48,120.00 | 30,930.00 |
| 1870 | 240,300.00 | 40,050.00 | 17,225.00 |
| 1871 | 28,050.00 | 18,120.00 | 14,425.00 |
| 1872 | 301,800.00 | 25,860.00 | 1,300.00 |
| 1873 | 227,500.00 | 35,190.00 | |
| 1874 | 176,900.00 | 23,700.00 | |
| 1875 | 104,850.00 | 6,840.00 | |
| 1876 | 126,500.00 | 4,860.00 | |
| 1877 | | | |
| 1878 | 117.50 | 70.50 | |
| 1879 | 1,455.00 | 1,236.00 | |
| 1880 | 997.75 | 748.65 | |
| 1881 | 8,618.75 | 32,417.25 | |
| 1882 | 573,830.00 | 759.00 | |
| 1883 | 1,148,471.05 | 318.27 | |
| 1884 | 563,697.10 | 169.26 | |
| 1885 | 73,824.50 | 143.70 | |
| 1886 | 166,514.50 | 128.70 | |
| 1887 | 763,182.60 | 238.83 | |
| 1888 | 536,024.15 | 1,232.49 | |
| 1889 | 794,068.05 | 646.83 | |
| 1890 | 812,963.60 | | |
| 1891 | 841,717.50 | | |
| 1892 | 584,982.10 | | |
| 1893 | 668,509.75 | | |
| Total | 13,283,073.90 | 941,349.48 | 912,020.00 |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

its organization, 1793, to December 31, 1893.]

| MINOR COINAGE. | | TOTAL COINAGE. | | | |
|---|---|---|---|---|---|
| Cents. | Half-cents. | Gold. | Silver | Minor. | Total. |
| $23,987.52 | ..... | $1,782,220.00 | $1,037,050.00 | $23,987.52 | $2,843,257.52 |
| 38,948.04 | ..... | 2,574,652.50 | 803,200.00 | 38,948.04 | 3,416,800.54 |
| 41,208.00 | ..... | 2,234,655.00 | 1,347,580.00 | 41,208.00 | 3,623,443.00 |
| 61,836.69 | ..... | 13,277,020.00 | 990,450.00 | 61,836.69 | 14,329,306.69 |
| 64,157.99 | ..... | 2,780,930.00 | 420,050.00 | 64,157.99 | 3,265,137.99 |
| 41,785.00 | $199.32 | 7,948,332.00 | 922,950.00 | 41,984.32 | 8,913,266.32 |
| 44,268.44 | 199.06 | 27,756,445.50 | 409,600.00 | 44,467.50 | 28,210,513.00 |
| 98,897.07 | 738.36 | 52,143,446.00 | 446,797.00 | 99,635.43 | 52,689,878.43 |
| 50,630.94 | ..... | 51,505,638.50 | 847,410.00 | 50,630.94 | 52,403,679.44 |
| 66,411.31 | 648.47 | 36,355,621.00 | 7,852,571.00 | 67,059.78 | 44,275,251.78 |
| 42,361.56 | 276.79 | 20,049,799.00 | 5,373,270.00 | 42,638.35 | 25,465,707.35 |
| 15,748.29 | 282.50 | 10,594,454.00 | 1,419,170.00 | 16,030.79 | 12,029,654.79 |
| 26,904.63 | 202.15 | 10,993,976.00 | 3,214,240.00 | 27,106.78 | 14,235,322.78 |
| 177,834.56 | 175.90 | 10,817,287.00 | 4,452,260.00 | 178,010.46 | 15,447,557.46 |
| 246,000.00 | ..... | 4,578,006.50 | 4,332,120.00 | 246,000.00 | 9,156,126.50 |
| 364,000.00 | ..... | 1,430,708.00 | 1,037,450.00 | 364,000.00 | 2,832,158.00 |
| 205,660.00 | ..... | 11,885,175.50 | 681,390.00 | 205,660.00 | 12,772,225.50 |
| 101,000.00 | ..... | 67,588,150.00 | 3,107,740.00 | 101,000.00 | 70,796,890.00 |
| 280,750.00 | ..... | 3,600,037.50 | 541,691.50 | 280,750.00 | 4,422,479.00 |
| 498,400.00 | ..... | 2,902,082.00 | 330,517.80 | 498,400.00 | 3,730,999.80 |
| 529,737.14 | ..... | 4,163,775.00 | 248,417.10 | 926,687.14 | 5,338,879.24 |
| 354,292.86 | ..... | 7,081,607.50 | 319,755.00 | 968,552.86 | 8,369,915.36 |
| 98,265.00 | ..... | 14,073,945.00 | 428,909.25 | 1,042,960.00 | 15,545,814.25 |
| 98,210.00 | ..... | 5,108,625.00 | 278,876.25 | 1,819,910.00 | 7,207,411.25 |
| 102,665.00 | ..... | 2,141,387.50 | 430,343.00 | 1,697,150.00 | 4,268,880.50 |
| 64,200.00 | ..... | 3,554,937.50 | 862,643.00 | 963,000.00 | 5,380,580.50 |
| 52,750.00 | ..... | 3,177,552.50 | 829,400.00 | 350,325.00 | 4,357,277.50 |
| 39,295.00 | ..... | 1,658,245.00 | 1,891,179.80 | 99,890.00 | 3,649,314.80 |
| 40,420.00 | ..... | 5,079,745.00 | 1,980,063.50 | 369,380.00 | 7,429,188.50 |
| 116,765.00 | ..... | 35,337,587.50 | 2,801,283.00 | 379,455.00 | 38,518,275.50 |
| 141,875.00 | ..... | 8,219,270.00 | 2,579,995.00 | 342,475.00 | 11,141,740.00 |
| 135,280.00 | ..... | 5,918,630.00 | 5,349,035.00 | 246,970.00 | 11,514,635.00 |
| 79,440.00 | ..... | 11,706,737.50 | 10,269,307.50 | 210,800.00 | 22,186,845.00 |
| 8,525.00 | ..... | 7,979,844.00 | 10,651,045.50 | 8,525.00 | 18,639,414.50 |
| 57,996.50 | ..... | 13,235,242.00 | 11,932,850.00 | 58,186.50 | 25,226,278.50 |
| 162,312.00 | ..... | 9,744,645.00 | 14,816,776.00 | 165,003.00 | 24,726,424.00 |
| 389,649.55 | ..... | 33,322,294.00 | 12,615,693.75 | 391,395.95 | 46,329,383.70 |
| 392,115.75 | ..... | 67,372,810.00 | 9,176,163.75 | 428,151.75 | 76,977,125.50 |
| 385,811.00 | ..... | 35,849,960.00 | 11,500,132.00 | 960,400.00 | 48,310,492.00 |
| 455,981.09 | ..... | 3,273,960.00 | 13,067,968.45 | 1,604,770.41 | 17,946,698.86 |
| 232,617.42 | ..... | 1,740,216.50 | 14,412,369.25 | 796,483.78 | 16,949,069.53 |
| 117,653.84 | ..... | 5,576,512.50 | 18,047,807.20 | 191,622.04 | 23,815,941.74 |
| 176,542.90 | ..... | 4,345,542.00 | 20,606,057.50 | 343,186.10 | 25,294,785.60 |
| 452,264.83 | ..... | 582,383.00 | 21,424,636.40 | 1,215,686.26 | 23,222,705.66 |
| 374,944.14 | ..... | 6,018,958.00 | 19,742,606.45 | 912,200.78 | 26,673,765.23 |
| 488,693.61 | ..... | 1,047,031.00 | 22,474,415.35 | 1,283,408.49 | 24,804,854.84 |
| 571,828.54 | ..... | 2,144,002.50 | 17,820,186.60 | 1,384,792.14 | 21,348,981.24 |
| 470,723.50 | ..... | 1,282,185.00 | 11,305,716.00 | 1,312,441.00 | 13,900,342.00 |
| 376,498.32 | ..... | 11,840,202.50 | 5,251,303.25 | 961,480.42 | 18,052,986.17 |
| 466,421.95 | ..... | 33,011,980.00 | 5,023,523.45 | 1,134,931.70 | 39,170,435.15 |
| 10,866,984.38 | 39,926.11 | 721,241,941.50 | 366,275,897.00 | 26,043,353.87 | 1,113,561,192.37 |

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at New Orleans from its organization, 1838, to

| Calendar years. | GOLD. | | | | | | SILVER. |
|---|---|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half-eagles. | Three dollars. | Quarter-eagles. | Dollars. | Dollars. |
| 1838 | | | | | | | |
| 1839 | | | | | $44,452.50 | | |
| 1840 | | | $152,000 | | 65,500.00 | | |
| 1841 | | $25,000 | 41,750 | | 18,450.00 | | |
| 1842 | | 274,000 | 82,000 | | 49,500.00 | | |
| 1843 | | 1,751,620 | 505,375 | | 920,005.00 | | |
| 1844 | | 1,187,000 | 1,823,000 | | | | |
| 1845 | | 475,000 | 205,000 | | | | |
| 1846 | | 817,800 | 290,000 | | 165,000.00 | | $50,000 |
| 1847 | | 5,715,000 | 60,000 | | 310,000.00 | | |
| 1848 | | 358,500 | | | | | |
| 1849 | | 239,000 | | | | $215,000 | |
| 1850 | $2,820,000 | 575,000 | | | 210,000.00 | 14,000 | 40,000 |
| 1851 | 6,300,000 | 2,630,000 | 205,000 | | 370,000.00 | 290,000 | |
| 1852 | 3,800,000 | 180,000 | | | 350,000.00 | 140,000 | |
| 1853 | 1,420,000 | 510,000 | | | | 290,000 | |
| 1854 | 65,000 | 525,000 | 230,000 | $72,000 | 382,500.00 | | |
| 1855 | 160,000 | 180,000 | 55,500 | | | 55,000 | |
| 1856 | 45,000 | 145,000 | 50,000 | | 52,750.00 | | |
| 1857 | 600,000 | 55,000 | 65,000 | | 85,000.00 | | |
| 1858 | 705,000 | 200,000 | | | | | |
| 1859 | 182,000 | 23,000 | | | | | 360,000 |
| 1860 | 132,000 | 111,000 | | | | | 515,000 |
| 1861* | 100,000 | | | | | | |
| 1879 | 46,500 | 15,000 | | | | | 2,887,000 |
| 1880 | | 92,000 | | | | | 5,305,000 |
| 1881 | | 83,500 | | | | | 5,708,000 |
| 1882 | | 108,200 | | | | | 6,090,000 |
| 1883 | | 8,000 | | | | | 8,725,000 |
| 1884 | | | | | | | 9,730,000 |
| 1885 | | | | | | | 9,185,000 |
| 1886 | | | | | | | 10,710,000 |
| 1887 | | | | | | | 11,550,000 |
| 1888 | | 213,350 | | | | | 12,150,000 |
| 1889 | | | | | | | 11,875,000 |
| 1890 | | | | | | | 10,701,000 |
| 1891 | | | | | | | 7,954,529 |
| 1892 | | 286,880 | 50,000 | | | | 2,744,000 |
| 1893 | | 170,000 | 550,000 | | | | 300,000 |
| Total | 16,375,500 | 16,953,850 | 4,364,625 | 72,000 | 3,023,157.50 | 1,004,000 | 116,583,529 |

* No coinage from 1862 to 1878, inclusive.

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

its suspension, 1861, and from its reopening, 1879, to December 31, 1893.]

| SILVER—continued. | | | | | Total gold. | Total silver. | Total value. |
|---|---|---|---|---|---|---|---|
| Half-dollars. | Quarter-dollars. | Dimes. | Half-dimes. | Three cents. | | | |
| ..... | ..... | $40,243.40 | ..... | ..... | ..... | $40,243.40 | $40,243.40 |
| $81,488 | ..... | 124,327.20 | $54,827.50 | ..... | $44,452.50 | 260,642.70 | 305,095.20 |
| 427,550 | $106,300 | 117,500.00 | 46,750.00 | ..... | 217,500.00 | 698,100.00 | 915,600.00 |
| 200,500 | 113,000 | 200,750.00 | 40,750.00 | ..... | 85,200.00 | 555,000.00 | 640,200.00 |
| 478,500 | 192,250 | 202,000.00 | 17,500.00 | ..... | 405,500.00 | 890,250.00 | 1,295,750.00 |
| 1,134,000 | 242,000 | 15,000.00 | ..... | ..... | 3,177,000.00 | 1,391,000.00 | 4,568,000.00 |
| 1,002,500 | 185,000 | ..... | 11,000.00 | ..... | 3,010,000.00 | 1,198,500.00 | 4,208,500.00 |
| 1,047,000 | ..... | 23,000.00 | ..... | ..... | 680,000.00 | 1,070,000.00 | 1,750,000.00 |
| 1,152,000 | ..... | ..... | ..... | ..... | 1,272,800.00 | 1,211,000.00 | 2,483,800.00 |
| 1,292,000 | 92,000 | ..... | ..... | ..... | 6,085,000.00 | 1,384,000.00 | 7,469,000.00 |
| 1,590,000 | ..... | ..... | 30,000.00 | ..... | 858,500.00 | 1,620,000.00 | 1,978,500.00 |
| 1,155,000 | ..... | 30,000.00 | 7,000.00 | ..... | 454,000.00 | 1,192,000.00 | 1,646,000.00 |
| 1,228,000 | 103,000 | 51,000.00 | 34,500.00 | ..... | 3,619,000.00 | 1,456,500.00 | 5,075,500.00 |
| 201,000 | 22,000 | 40,000.00 | 43,000.00 | $21,600 | 9,795,000.00 | 327,600.00 | 10,122,600.00 |
| 72,000 | 24,000 | 43,000.00 | 13,000.00 | ..... | 4,470,000.00 | 152,000.00 | 4,622,000.00 |
| 664,000 | 333,000 | 110,000.00 | 118,000.00 | ..... | 2,220,000.00 | 1,225,000.00 | 3,445,000.00 |
| 2,620,000 | 371,000 | 177,000.00 | 78,000.00 | ..... | 1,274,500.00 | 3,246,000.00 | 4,520,500.00 |
| 1,844,000 | 44,000 | ..... | 30,000.00 | ..... | 450,500.00 | 1,918,000.00 | 2,368,500.00 |
| 1,329,000 | 242,000 | 118,000.00 | 55,000.00 | ..... | 292,750.00 | 1,744,000.00 | 2,036,750.00 |
| 409,000 | 295,000 | 154,000.00 | 69,000.00 | ..... | 805,000.00 | 927,000.00 | 1,732,000.00 |
| 3,647,000 | 130,000 | 29,000.00 | 33,000.00 | ..... | 905,000.00 | 3,889,000.00 | 4,794,000.00 |
| 1,417,000 | 65,000 | 43,000.00 | 28,000.00 | ..... | 205,000.00 | 1,918,000.00 | 2,123,000.00 |
| 645,000 | 97,000 | 4,000.00 | 53,000.00 | ..... | 243,000.00 | 1,314,000.00 | 1,557,000.00 |
| 165,000 | ..... | ..... | ..... | ..... | 100,000.00 | 165,060.00 | 265,000.00 |
| ..... | ..... | ..... | ..... | ..... | 61,500.00 | 2,887,000.00 | 2,948,500.00 |
| ..... | ..... | ..... | ..... | ..... | 92,000.00 | 5,305,000.00 | 5,397,000.00 |
| ..... | ..... | ..... | ..... | ..... | 83,500.00 | 5,708,000.00 | 5,791,500.00 |
| ..... | ..... | ..... | ..... | ..... | 108,200.00 | 6,090,000.00 | 6,198,200.00 |
| ..... | ..... | ..... | ..... | ..... | 8,000.00 | 8,725,000.00 | 8,733,000.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 9,730,000.00 | 9,730,000.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 9,185,000.00 | 9,185,000.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 10,710,000.00 | 10,710,000.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 11,550,000.00 | 11,550,000.00 |
| ..... | ..... | ..... | ..... | ..... | 213,350.00 | 12,150,000.00 | 12,363,350.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 11,875,000.00 | 11,875,000.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 10,701,000.00 | 10,701,000.00 |
| ..... | 17,000 | 454,000.00 | ..... | ..... | ..... | 8,425,529.00 | 8,425,529.00 |
| 195,000 | 660,000 | 384,170.00 | ..... | ..... | 336,880.00 | 3,983,170.00 | 4,320,050.00 |
| 694,500 | 849,000 | 176,000.00 | ..... | ..... | 720,000.00 | 2,019,500.00 | 2,739,500.00 |
| 24,691,038 | 4,182,550 | 2,540,990.60 | 812,327.50 | 21,600 | 41,793,132.50 | 148,837,035.10 | 190,630,167.60 |

## XXVI.—Coinage of the Mints of the United States from their Organization, by Calendar Years—Continued.

[Coinage of the mint at Dahlonega, Ga., from its organization, 1838, to its suspension, 1861.]

| Calendar year. | GOLD. | | | | Total. |
|---|---|---|---|---|---|
| | Half eagles. | Three dollars. | Quarter eagles. | Dollars. | |
| 1838 | $102,915 | | | | $102,915.00 |
| 1839 | 94,695 | | $34,185.00 | | 128,880.00 |
| 1840 | 114,480 | | 8,830.00 | | 123,310.00 |
| 1841 | 152,475 | | 10,410.00 | | 162,885.00 |
| 1842 | 298,040 | | 11,607.50 | | 309,647.50 |
| 1843 | 492,260 | | 90,522.50 | | 582,782.50 |
| 1844 | 444,910 | | 43,330.00 | | 488,240.00 |
| 1845 | 453,145 | | 48,650.00 | | 501,795.00 |
| 1846 | 401,470 | | 48,257.50 | | 449,727.50 |
| 1847 | 322,025 | | 39,460.00 | | 361,485.00 |
| 1848 | 237,325 | | 34,427.50 | | 271,752.50 |
| 1849 | 195,180 | | 27,362.50 | $21,588 | 244,130.50 |
| 1850 | 219,750 | | 30,370.00 | 8,382 | 258,502.00 |
| 1851 | 313,550 | | 28,160.00 | 9,882 | 351,592.00 |
| 1852 | 457,260 | | 10,195.00 | 6,360 | 473,815.00 |
| 1853 | 448,390 | | 7,945.00 | 6,583 | 462,918.00 |
| 1854 | 282,065 | $3,360 | 4,400.00 | 2,935 | 292,760.00 |
| 1855 | 112,160 | | 2,807.50 | 1,811 | 116,778.50 |
| 1856 | 98,930 | | 2,185.00 | 1,460 | 102,575.00 |
| 1857 | 85,230 | | 5,910.00 | 3,533 | 94,673.00 |
| 1858 | 76,810 | | | 3,477 | 80,287.00 |
| 1859 | 51,830 | | 5,610.00 | 4,952 | 62,392.00 |
| 1860 | 73,175 | | | 1,566 | 74,741.00 |
| 1861 | 7,985 | | | | 7,985.00 |
| Total | 5,536,055 | 3,360 | 494,625.00 | 72,529 | 6,106,569.00 |

**XXVI.**—COINAGE OF THE MINTS OF THE UNITED STATES FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

[Coinage of the mint at Charlotte, N. C., from its organization, 1838, to its suspension, 1861.]

| Calendar year. | GOLD. | | | Total value. |
|---|---|---|---|---|
| | Half eagles. | Quarter eagles. | Dollars. | |
| 1838 | $64,565 | $19,770.00 | ..... | $84,335.00 |
| 1839 | 117,335 | 45,432.50 | ..... | 162,767.50 |
| 1840 | 95,140 | 32,095.00 | ..... | 127,235.00 |
| 1841 | 107,555 | 26,742.50 | ..... | 133,297.50 |
| 1842 | 137,400 | 16,842.50 | ..... | 154,242.50 |
| 1843 | 221,765 | 65,240.00 | ..... | 287,005.00 |
| 1844* | 118,155 | 29,055.00 | ..... | 147,210.00 |
| 1845 | ..... | ..... | ..... | ..... |
| 1846 | 64,975 | 12,020.00 | ..... | 76,995.00 |
| 1847 | 420,755 | 58,065.00 | ..... | 478,820.00 |
| 1848 | 322,360 | 41,970.00 | ..... | 364,330.00 |
| 1849 | 324,115 | 25,550.00 | $11,634 | 361,299.00 |
| 1850 | 317,965 | 22,870.00 | 6,966 | 347,791.00 |
| 1851 | 245,880 | 37,307.50 | 41,267 | 324,454.50 |
| 1852 | 362,870 | 24,430.00 | 9,434 | 396,734.00 |
| 1853 | 327,855 | ..... | 11,515 | 339,370.00 |
| 1854 | 196,455 | 18,237.50 | 4 | 214,696.50 |
| 1855 | 198,940 | 9,192.50 | 9,803 | 217,935.50 |
| 1856 | 142,285 | 19,782.50 | ..... | 162,067.50 |
| 1857 | 156,800 | ..... | 13,280 | 170,080.00 |
| 1858 | 194,280 | 22,640.00 | ..... | 216,920.00 |
| 1859 | 159,235 | ..... | 5,235 | 164,470.00 |
| 1860 | 74,065 | 18,672.50 | ..... | 92,737.50 |
| 1861 | 34,395 | ..... | ..... | 34,395.00 |
| Total | 4,405,135 | 544,915.00 | 109,138 | 5,059,188.00 |

* Mint burned July 27, 1844.

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at San Francisco

| Calendar year. | GOLD. | | | | | | SILVER. | |
|---|---|---|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half eagles. | Three dollars. | Quarter eagles. | Dollars | Dollars. | Trade dollars. |
| 1854 | $2,829,360 | $1,238,260 | $1,340 | ..... | $615 | $14,632 | ..... | ..... |
| 1855 | 17,593,500 | 90,000 | 305,000 | $19,800 | ..... | ..... | ..... | ..... |
| 1856 | 23,795,000 | 680,000 | 525,500 | 103,500 | 177,800 | 24,600 | ..... | ..... |
| 1857 | 19,410,000 | 260,000 | 435,000 | 42,000 | 170,000 | 10,000 | ..... | ..... |
| 1858 | 16,934,200 | 118,000 | 93,000 | ..... | 3,000 | 10,000 | ..... | ..... |
| 1859 | 12,728,900 | 70,000 | 66,100 | ..... | 38,000 | 15,000 | $20,000 | ..... |
| 1860 | 10,899,000 | 50,000 | 106,000 | 21,000 | 89,000 | 13,000 | ..... | ..... |
| 1861 | 15,360,000 | 155,000 | 90,000 | ..... | 60,000 | ..... | ..... | ..... |
| 1862 | 17,063,460 | 125,000 | 47,500 | ..... | 20,000 | ..... | ..... | ..... |
| 1863 | 19,331,400 | 100,000 | 85,000 | ..... | 27,000 | ..... | ..... | ..... |
| 1864 | 15,873,200 | 25,000 | 19,440 | ..... | ..... | ..... | ..... | ..... |
| 1865 | 20,850,000 | 167,000 | 138,060 | ..... | 58,440 | ..... | ..... | ..... |
| 1866 | 16,845,000 | 200,000 | 219,600 | ..... | 97,400 | ..... | ..... | ..... |
| 1867 | 18,415,000 | 90,000 | 145,000 | ..... | 70,000 | ..... | ..... | ..... |
| 1868 | 16,750,000 | 135,000 | 260,000 | ..... | 85,000 | ..... | ..... | ..... |
| 1869 | 13,735,000 | 64,300 | 155,000 | ..... | 73,750 | ..... | ..... | ..... |
| 1870 | 19,640,000 | 80,000 | 85,000 | ..... | 40,000 | 3,000 | ..... | ..... |
| 1871 | 18,560,000 | 165,000 | 125,000 | ..... | 55,000 | ..... | ..... | ..... |
| 1872 | 15,600,000 | 173,000 | 182,000 | ..... | 45,000 | ..... | 9,000 | ..... |
| 1873 | 20,812,000 | 120,000 | 155,000 | ..... | 67,500 | ..... | 700 | $703,000 |
| 1874 | 24,280,000 | 100,000 | 80,000 | ..... | ..... | ..... | ..... | 2,549,000 |
| 1875 | 24,600,000 | ..... | 45,000 | ..... | 29,000 | ..... | ..... | 4,487,000 |
| 1876 | 31,940,000 | 50,000 | 20,000 | ..... | 12,500 | ..... | ..... | 5,227,000 |
| 1877 | 34,700,000 | 170,000 | 133,500 | ..... | 88,500 | ..... | ..... | 9,519,000 |
| 1878 | 34,780,000 | 261,000 | 723,500 | ..... | 445,000 | ..... | 9,774,000 | 4,162,000 |
| 1879 | 24,476,000 | 2,240,000 | 2,131,000 | ..... | 108,750 | ..... | 9,110,000 | ..... |
| 1880 | 16,720,000 | 5,062,500 | 6,744,500 | ..... | ..... | ..... | 8,900,000 | ..... |
| 1881 | 14,540,000 | 9,700,000 | 4,845,000 | ..... | ..... | ..... | 12,760,000 | ..... |
| 1882 | 22,500,000 | 1,320,000 | 4,845,000 | ..... | ..... | ..... | 9,250,000 | ..... |
| 1883 | 23,780,000 | 380,000 | 416,000 | ..... | ..... | ..... | 6,250,000 | ..... |
| 1884 | 18,320,000 | 1,242,500 | 885,000 | ..... | ..... | ..... | 3,200,000 | ..... |
| 1885 | 13,670,000 | 2,280,000 | 6,057,500 | ..... | ..... | ..... | 1,497,000 | ..... |
| 1886 | ..... | 8,260,000 | 16,340,000 | ..... | ..... | ..... | 750,000 | ..... |
| 1887 | 5,660,000 | 8,170,000 | 9,560,000 | ..... | ..... | ..... | 1,771,000 | ..... |
| 1888 | 17,192,000 | 6,287,000 | 1,469,500 | ..... | ..... | ..... | 657,000 | ..... |
| 1889 | 15,494,000 | 4,254,000 | ..... | ..... | ..... | ..... | 700,000 | ..... |
| 1890 | 16,055,020 | ..... | ..... | ..... | ..... | ..... | 8,230,373 | ..... |
| 1891 | 25,762,500 | ..... | ..... | ..... | ..... | ..... | 5,296,000 | ..... |
| 1892 | 18,603,000 | 1,155,000 | 1,492,000 | ..... | ..... | ..... | 1,200,000 | ..... |
| 1893 | 19,923,500 | 1,413,500 | 1,120,000 | ..... | ..... | ..... | 100,000 | ..... |
| Total | 736,041,020 | 56,651,060 | 60,146,040 | 186,300 | 1,861,255 | 90,232 | 79,475,073 | 28,647,000 |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

from its organization, 1854, to December 31, 1883.]

| SILVER. | | | | | Total gold. | Total silver. | Total value. |
|---|---|---|---|---|---|---|---|
| Half dollars. | Quarter dollars. | Twenty cents. | Dimes. | Half dimes. | | | |
| ..... | ..... | ..... | ..... | ..... | $4,084,207.00 | ..... | $4,084,207.00 |
| $64,975.00 | $99,100.00 | ..... | ..... | ..... | 18,008,300.00 | $164,075.00 | 18,172,375.00 |
| 105,500.00 | 71,500.00 | ..... | $7,000.00 | ..... | 25,306,400.00 | 184,000.00 | 25,490,400.00 |
| 79,000.00 | 20,500.00 | ..... | ..... | ..... | 20,327,000.00 | 99,500.00 | 20,426,500.00 |
| 238,000.00 | 80,250.00 | ..... | 6,000.00 | ..... | 17,158,200.00 | 274,250.00 | 17,432,450.00 |
| 283,000.00 | 20,000.00 | ..... | 6,000.00 | ..... | 12,918,000.00 | 329,000.00 | 13,247,000.00 |
| 236,000.00 | 14,000.00 | ..... | 14,000.00 | ..... | 11,178,000.00 | 264,000.00 | 11,442,000.00 |
| 469,750.00 | 24,000.00 | ..... | 17,250.00 | ..... | 15,665,000.00 | 511,000.00 | 16,176,000.00 |
| 676,000.00 | 16,750.00 | ..... | 18,075.00 | ..... | 17,275,960.00 | 710,825.00 | 17,986,785.00 |
| 458,000.00 | ..... | ..... | 15,750.00 | $5,000.00 | 19,543,400.00 | 478,750.00 | 20,022,150.00 |
| 329,000.00 | 5,000.00 | ..... | 23,000.00 | 4,500.00 | 15,917,640.00 | 361,500.00 | 16,279,140.00 |
| 337,500.00 | 10,250.00 | ..... | 17,500.00 | 6,000.00 | 21,213,500.00 | 371,250.00 | 21,584,750.00 |
| 527,000.00 | 7,000.00 | ..... | 13,500.00 | 6,000.00 | 17,362,000.00 | 553,500.00 | 17,915,500.00 |
| 598,000.00 | 12,000.00 | ..... | 14,000.00 | 6,000.00 | 18,720,000.00 | 630,000.00 | 19,350,000.00 |
| 580,000.00 | 24,000.00 | ..... | 26,000.00 | 14,000.00 | 17,230,000.00 | 644,000.00 | 17,874,000.00 |
| 328,000.00 | 19,000.00 | ..... | 45,000.00 | 11,500.00 | 14,028,050.00 | 403,500.00 | 14,431,550.00 |
| 502,000.00 | ..... | ..... | 5,000.00 | ..... | 19,848,000.00 | 507,000.00 | 20,355,000.00 |
| 1,089,000.00 | 7,725.00 | ..... | 32,000.00 | 8,050.00 | 18,905,000.00 | 1,136,775.00 | 20,041,775.00 |
| 290,000.00 | 20,750.00 | ..... | 19,000.00 | 41,850.00 | 16,000,000.00 | 380,600.00 | 16,380,600.00 |
| 116,500.00 | 39,000.00 | ..... | 45,500.00 | 16,200.00 | 21,154,500.00 | 920,900.00 | 22,075,400.00 |
| 197,000.00 | 98,000.00 | ..... | 24,000.00 | ..... | 24,460,000.00 | 2,868,000.00 | 27,328,000.00 |
| 1,600,000.00 | 170,000.00 | $231,000.00 | 907,000.00 | ..... | 24,674,080.00 | 7,395,000.00 | 32,069,000.00 |
| 2,264,000.00 | 2,149,000.00 | ..... | 1,042,000.00 | ..... | 32,022,500.00 | 10,682,000.00 | 42,704,500.00 |
| 2,678,000.00 | 2,249,000.00 | ..... | 234,000.00 | ..... | 35,092,000.00 | 14,680,000.00 | 49,772,000.00 |
| 6,000.00 | 35,000.00 | ..... | ..... | ..... | 36,209,500.00 | 13,977,000.00 | 50,186,500.00 |
| ..... | ..... | ..... | ..... | ..... | 28,955,750.00 | 9,110,000.00 | 38,065,750.00 |
| ..... | ..... | ..... | ..... | ..... | 28,527,000.00 | 8,900,000.00 | 37,427,000.00 |
| ..... | ..... | ..... | ..... | ..... | 29,085,000.00 | 12,760,000.00 | 41,845,000.00 |
| ..... | ..... | ..... | ..... | ..... | 28,665,000.00 | 9,250,000.00 | 37,915,000.00 |
| ..... | ..... | ..... | ..... | ..... | 24,576,000.00 | 6,250,000.00 | 30,826,000.00 |
| ..... | ..... | ..... | 56,496.90 | ..... | 20,447,500.00 | 3,256,496.90 | 23,703,996.90 |
| ..... | ..... | ..... | 4,369.00 | ..... | 22,007,500.00 | 1,501,369.00 | 23,508,869.00 |
| ..... | ..... | ..... | 20,652.40 | ..... | 24,600,000.00 | 770,652.40 | 25,370,652.40 |
| ..... | ..... | ..... | 445,445.00 | ..... | 23,390,000.00 | 2,216,445.00 | 25,606,445.00 |
| ..... | 304,000.00 | ..... | 172,000.00 | ..... | 25,148,500.00 | 1,133,000.00 | 26,281,500.00 |
| ..... | ..... | ..... | 97,267.80 | ..... | 19,748,000.00 | 797,267.80 | 20,545,267.80 |
| ..... | ..... | ..... | 142,307.60 | ..... | 16,055,000.00 | 8,372,680.60 | 24,427,680.60 |
| ..... | 554,000.00 | ..... | 319,611.60 | ..... | 25,762,500.00 | 6,169,611.60 | 31,932,111.60 |
| 514,514.00 | 241,019.75 | ..... | 99,071.00 | ..... | 21,250,000.00 | 2,054,604.75 | 23,304,604.75 |
| 370,000.00 | 363,638.75 | ..... | 249,140.00 | ..... | 22,457,000.00 | 1,082,773.85 | 23,539,773.85 |
| 14,986,739.00 | 6,604,478.50 | 231,000.00 | 4,137,936.30 | 119,100.00 | 854,975,907.00 | 132,151,326.90 | 987,127,233.90 |

## XXVI.—Coinage of the Mints of the United States

[Coinage of the mint at Carson City

| Calendar year. | GOLD. | | | SILVER. | |
|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half eagles. | Dollars. | Trade dollars. |
| 1870 | $75,780 | $59,080 | $38,375 | $12,462 | ..... |
| 1871 | 293,740 | 71,850 | 103,850 | 1,376 | ..... |
| 1872 | 593,000 | 55,000 | 84,900 | 3,150 | ..... |
| 1873 | 448,200 | 45,430 | 37,080 | 2,300 | $124,500 |
| 1874 | 2,301,700 | 167,670 | 105,990 | ..... | 1,378,200 |
| 1875 | 2,223,020 | 77,150 | 59,140 | ..... | 1,573,700 |
| 1876 | 2,768,820 | 46,960 | 34,435 | ..... | 509,000 |
| 1877 | 351,300 | 33,320 | 43,400 | ..... | 534,000 |
| 1878 | 263,600 | 32,440 | 45,270 | 2,212,000 | 97,000 |
| 1879 | 214,160 | 17,620 | 86,405 | 756,000 | ..... |
| 1880 | ..... | 111,900 | 255,085 | 591,000 | ..... |
| 1881 | ..... | 240,150 | 69,430 | 296,000 | ..... |
| 1882 | 782,800 | 67,640 | 414,085 | 1,133,000 | ..... |
| 1883 | 1,199,240 | 120,000 | 64,790 | 1,204,000 | ..... |
| 1884 | 1,622,780 | 99,250 | 82,010 | 1,136,000 | ..... |
| 1885 | 189,000 | ..... | ..... | 228,000 | ..... |
| 1886 * | ..... | ..... | ..... | ..... | ..... |
| 1887 * | ..... | ..... | ..... | ..... | ..... |
| 1888 * | ..... | ..... | ..... | ..... | ..... |
| 1889† | 618,900 | ..... | ..... | 350,000 | ..... |
| 1890 | 1,824,180 | 175,000 | 269,000 | 2,309,041 | ..... |
| 1891 | 100,000 | 1,037,320 | 1,040,000 | 1,618,000 | ..... |
| 1892 | 545,800 | 400,000 | 414,840 | 1,352,000 | ..... |
| 1893‡ | 368,040 | 140,000 | 300,006 | 677,000 | ..... |
| Total | 17,283,560 | 2,997,780 | 3,548,065 | 13,881,329 | 4,211,400 |

* Coinage suspended. † Operations resumed October 1, 1889.
‡ Coinage suspended from May 23, 1893.

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

from its organization, 1870, to December 31, 1893.]

| SILVER. | | | | Total gold. | Total silver. | Total value. |
|---|---|---|---|---|---|---|
| Half dollars. | Quarter dollars. | Twenty cents. | Dimes. | | | |
| $27,308.50 | $2,085.00 | ..... | ..... | $173,235 | $41,855.50 | $215,090.50 |
| 69,975.00 | 2,722.50 | ..... | $2,010.00 | 469,440 | 76,063.50 | 545,523.50 |
| 136,000.00 | 2,275.00 | ..... | 2,400.00 | 732,900 | 143,825.00 | 876,725.00 |
| 168,530.00 | 4,115.50 | ..... | 3,119.10 | 530,710 | 302,564.60 | 833,274.60 |
| 29,500.00 | ..... | ..... | 1,081.70 | 2,575,360 | 1,403,781.70 | 3,979,141.70 |
| 504,000.00 | 35,000.00 | $26,658 | 464,500.00 | 2,359,310 | 2,603,858.00 | 4,963,168.00 |
| 978,000.00 | 1,236,000.00 | 2,000 | 827,000.00 | 2,850,215 | 3,552,000.00 | 6,402,215.00 |
| 710,000.00 | 1,048,000.00 | ..... | 770,000.00 | 928,020 | 3,062,000.00 | 3,990,020.00 |
| 31,000.00 | 249,000.00 | ..... | 20,000.00 | 341,310 | 2,609,000.00 | 2,950,310.00 |
| ..... | ..... | ..... | ..... | 318,185 | 756,000.00 | 1,074,185.00 |
| ..... | ..... | ..... | ..... | 366,985 | 591,000.00 | 957,985.00 |
| ..... | ..... | ..... | ..... | 309,580 | 296,000.00 | 605,580.00 |
| ..... | ..... | ..... | ..... | 1,264,525 | 1,133,000.00 | 2,397,525.00 |
| ..... | ..... | ..... | ..... | 1,384,030 | 1,204,000.00 | 2,588,030.00 |
| ..... | ..... | ..... | ..... | 1,804,040 | 1,136,000.00 | 2,940,040.00 |
| ..... | ..... | ..... | ..... | 189,000 | 228,000.00 | 417,000.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | 618,900 | 350,000.00 | 968,900.00 |
| ..... | ..... | ..... | ..... | 2,268,180 | 2,309,041.00 | 4,577,221.00 |
| ..... | ..... | ..... | ..... | 2,177,320 | 1,618,000.00 | 3,795,320.00 |
| ..... | ..... | ..... | ..... | 1,360,140 | 1,352,000.00 | 2,712,140.00 |
| ..... | ..... | ..... | ..... | 808,040 | 677,000.00 | 1,485,040.00 |
| 2,654,313.50 | 2,579,198.00 | 28,658 | 2,090,110.80 | 23,829,425 | 25,445,009.30 | 49,274,434.80 |

## XXVI.—Coinage of the Mints of the United States

### RECAPITULATION.

| Calendar years. | GOLD COINAGE. | | | | | |
|---|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half-eagles. | Three dollars. | Quarter-eagles. | Dollars. |
| 1792–1795 | ..... | $27,950 | $43,535 | ..... | ..... | ..... |
| 1796 | ..... | 60,800 | 16,995 | ..... | $165.00 | ..... |
| 1797 | ..... | 91,770 | 32,080 | ..... | 4,390.00 | ..... |
| 1798 | ..... | 79,740 | 124,335 | ..... | 1,535.00 | ..... |
| 1799 | ..... | 174,830 | 37,255 | ..... | 1,200.00 | ..... |
| 1800 | ..... | 259,650 | 58,110 | ..... | ..... | ..... |
| 1801 | ..... | 202,540 | 130,030 | ..... | ..... | ..... |
| 1802 | ..... | 150,900 | 265,880 | ..... | 6,530.00 | ..... |
| 1803 | ..... | 89,790 | 167,530 | ..... | 1,057.50 | ..... |
| 1804 | ..... | 97,950 | 152,375 | ..... | 8,317.50 | ..... |
| 1805 | ..... | ..... | 155,915 | ..... | 4,452.50 | ..... |
| 1806 | ..... | ..... | 320,465 | ..... | 4,040.00 | ..... |
| 1807 | ..... | ..... | 420,465 | ..... | 17,030.00 | ..... |
| 1808 | ..... | ..... | 277,890 | ..... | 6,775.00 | ..... |
| 1809 | ..... | ..... | 169,375 | ..... | ..... | ..... |
| 1810 | ..... | ..... | 501,435 | ..... | ..... | ..... |
| 1811 | ..... | ..... | 497,905 | ..... | ..... | ..... |
| 1812 | ..... | ..... | 290,435 | ..... | ..... | ..... |
| 1813 | ..... | ..... | 477,140 | ..... | ..... | ..... |
| 1814 | ..... | ..... | 77,270 | ..... | ..... | ..... |
| 1815 | ..... | ..... | 8,175 | ..... | ..... | ..... |
| 1816 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1817 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1818 | ..... | ..... | 242,940 | ..... | ..... | ..... |
| 1819 | ..... | ..... | 258,615 | ..... | ..... | ..... |
| 1820 | ..... | ..... | 1,319,030 | ..... | ..... | ..... |
| 1821 | ..... | ..... | 173,205 | ..... | 16,120.00 | ..... |
| 1822 | ..... | ..... | 88,980 | ..... | ..... | ..... |
| 1823 | ..... | ..... | 72,425 | ..... | ..... | ..... |
| 1824 | ..... | ..... | 86,700 | ..... | 6,500.00 | ..... |
| 1825 | ..... | ..... | 145,300 | ..... | 11,085.00 | ..... |
| 1826 | ..... | ..... | 90,345 | ..... | 1,900.00 | ..... |
| 1827 | ..... | ..... | 124,565 | ..... | 7,000.00 | ..... |
| 1828 | ..... | ..... | 140,145 | ..... | ..... | ..... |
| 1829 | ..... | ..... | 287,210 | ..... | 8,507.50 | ..... |
| 1830 | ..... | ..... | 631,755 | ..... | 11,350.00 | ..... |
| 1831 | ..... | ..... | 702,970 | ..... | 11,300.00 | ..... |
| 1832 | ..... | ..... | 787,435 | ..... | 11,000.00 | ..... |
| 1833 | ..... | ..... | 968,150 | ..... | 10,400.00 | ..... |
| 1834 | ..... | ..... | 3,660,845 | ..... | 293,425.00 | ..... |
| 1835 | ..... | ..... | 1,857,670 | ..... | 328,505.00 | ..... |
| 1836 | ..... | ..... | 2,765,735 | ..... | 1,369,965.00 | ..... |
| 1837 | ..... | ..... | 1,035,605 | ..... | 112,700.00 | ..... |
| 1838 | ..... | 72,000 | 1,600,420 | ..... | 137,345.00 | ..... |
| 1839 | ..... | 382,480 | 802,745 | ..... | 191,622.50 | ..... |
| 1840 | ..... | 473,380 | 1,048,530 | ..... | 153,572.50 | ..... |
| 1841 | ..... | 656,310 | 380,945 | ..... | 54,602.50 | ..... |
| 1842 | ..... | 1,089,070 | 655,330 | ..... | 85,007.50 | ..... |
| 1843 | ..... | 2,506,240 | 4,275,425 | ..... | 1,327,132.50 | ..... |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

RECAPITULATION.

| SILVER COINAGE. | | | | | | | |
|---|---|---|---|---|---|---|---|
| Trade dollars. | Dollars. | Half-dollars, | Quarter-dollars. | Twenty cents. | Dimes. | Half-dimes. | Three cents. |
| ..... | $204,791 | $161,572.00 | ..... | ..... | ..... | $4,320.80 | ..... |
| ..... | 72,920 | ..... | $1,473.50 | ..... | $2,213.50 | 511.50 | ..... |
| ..... | 7,776 | 1,959.00 | 63.00 | ..... | 2,526.10 | 2,226.35 | ..... |
| ..... | 327,536 | ..... | ..... | ..... | 2,755.00 | ..... | ..... |
| ..... | 423,515 | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 220,920 | ..... | ..... | ..... | 2,176.00 | 1,200.00 | ..... |
| ..... | 54,454 | 15,144.50 | ..... | ..... | 3,464.00 | 1,695.50 | ..... |
| ..... | 41,650 | 14,945.00 | ..... | ..... | 1,097.50 | 650.50 | ..... |
| ..... | 66,064 | 15,857.50 | ..... | ..... | 3,304.00 | 1,892.50 | ..... |
| ..... | 19,570 | 78,259.50 | 1,684.50 | ..... | 826.50 | ..... | ..... |
| ..... | 321 | 105,861.00 | 30,348.50 | ..... | 12,078.00 | 780.00 | ..... |
| ..... | ..... | 419,788.00 | 51,531.00 | ..... | ..... | ..... | ..... |
| ..... | ..... | 525,788.00 | 55,160.75 | ..... | 16,500.00 | ..... | ..... |
| ..... | ..... | 684,300.00 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 702,905.00 | ..... | ..... | 4,471.00 | ..... | ..... |
| ..... | ..... | 638,138.00 | ..... | ..... | 635.50 | ..... | ..... |
| ..... | ..... | 601,822.00 | ..... | ..... | 6,518.00 | ..... | ..... |
| ..... | ..... | 814,029.50 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 620,951.50 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 519,537.50 | ..... | ..... | 42,150.00 | ..... | ..... |
| ..... | ..... | ..... | 17,308.00 | ..... | ..... | ..... | ..... |
| ..... | ..... | 23,575.00 | 5,000.75 | ..... | ..... | ..... | ..... |
| ..... | ..... | 607,783.50 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 980,161.00 | 90,293.50 | ..... | ..... | ..... | ..... |
| ..... | ..... | 1,104,000.00 | 36,000.00 | ..... | ..... | ..... | ..... |
| ..... | ..... | 375,561.00 | 31,861.00 | ..... | 94,258.70 | ..... | ..... |
| ..... | ..... | 652,898.50 | 54,212.75 | ..... | 118,651.20 | ..... | ..... |
| ..... | ..... | 779,786.50 | 16,020.00 | ..... | 10,000.00 | ..... | ..... |
| ..... | ..... | 847,100.00 | 4,450.00 | ..... | 44,000.00 | ..... | ..... |
| ..... | ..... | 1,752,477.00 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 1,471,583.00 | 42,000.00 | ..... | 51,000.00 | ..... | ..... |
| ..... | ..... | 2,002,090.00 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 2,746,700.00 | 1,000.00 | ..... | 121,500.00 | ..... | ..... |
| ..... | ..... | 1,537,600.00 | 25,500.00 | ..... | 12,500.00 | ..... | ..... |
| ..... | ..... | 1,856,078.00 | ..... | ..... | 77,000.00 | 61,500.00 | ..... |
| ..... | ..... | 2,382,400.00 | ..... | ..... | 51,000.00 | 62,000.00 | ..... |
| ..... | ..... | 2,936,830.00 | 99,500.00 | ..... | 77,135.00 | 62,135.00 | ..... |
| ..... | ..... | 2,398,500.00 | 80,000.00 | ..... | 52,250.00 | 48,250.00 | ..... |
| ..... | ..... | 2,603,000.00 | 39,000.00 | ..... | 48,500.00 | 68,500.00 | ..... |
| ..... | ..... | 3,206,002.00 | 71,500.00 | ..... | 63,500.00 | 74,000.00 | ..... |
| ..... | ..... | 2,676,003.00 | 488,000.00 | ..... | 141,000.00 | 138,000.00 | ..... |
| ..... | 1,000 | 3,273,100.00 | 118,000.00 | ..... | 119,000.00 | 95,000.00 | ..... |
| ..... | ..... | 1,814,910.00 | 63,100.00 | ..... | 104,200.00 | 113,800.00 | ..... |
| ..... | ..... | 1,773,000.00 | 208,000.00 | ..... | 239,493.40 | 112,750.00 | ..... |
| ..... | 300 | 1,748,768.00 | 122,786.50 | ..... | 229,638.70 | 108,285.00 | ..... |
| ..... | 61,005 | 1,145,054.00 | 153,331.75 | ..... | 253,358.00 | 113,954.25 | ..... |
| ..... | 173,000 | 355,500.00 | 143,000.00 | ..... | 363,000.00 | 98,250.00 | ..... |
| ..... | 184,618 | 1,484,882.00 | 214,250.00 | ..... | 390,750.00 | 58,250.00 | ..... |
| ..... | 165,100 | 3,056,000.00 | 403,400.00 | ..... | 152,000.00 | 58,250.00 | ..... |

## XXVI.—Coinage of the Mints of the United States RECAPITULATION.

| Calendar year. | GOLD COINAGE. | | | | | |
|---|---|---|---|---|---|---|
| | Double eagles. | Eagles. | Half eagles. | Three dollars. | Quarter eagles. | Dollars. |
| 1844 | ..... | $1,250,610 | $4,087,715 | ..... | $89,345.00 | ..... |
| 1845 | ..... | 736,530 | 2,743,640 | ..... | 276,277.50 | ..... |
| 1846 | ..... | 1,018,750 | 2,736,155 | ..... | 279,272.50 | ..... |
| 1847 | ..... | 14,337,580 | 5,382,685 | ..... | 482,060.00 | ..... |
| 1848 | ..... | 1,813,340 | 1,863,560 | ..... | 98,612.50 | ..... |
| 1849 | ..... | 6,775,180 | 1,184,645 | ..... | 111,147.50 | $936,789 |
| 1850 | $26,225,220 | 3,489,510 | 860,160 | ..... | 895,547.50 | 511,301 |
| 1851 | 48,043,100 | 4,393,280 | 2,651,955 | ..... | 3,867,337.50 | 3,658,830 |
| 1852 | 44,860,520 | 2,811,060 | 3,689,635 | ..... | 3,283,827.50 | 2,201,145 |
| 1853 | 26,646,520 | 2,522,530 | 2,305,095 | ..... | 3,519,615.00 | 4,384,149 |
| 1854 | 18,052,340 | 2,305,760 | 1,513,235 | $491,214 | 1,896,397.50 | 1,657,016 |
| 1855 | 25,046,820 | 1,487,010 | 1,257,090 | 171,465 | 600,700.00 | 824,883 |
| 1856 | 30,437,560 | 1,429,000 | 1,806,665 | 181,530 | 1,213,117.50 | 1,788,996 |
| 1857 | 28,797,500 | 481,060 | 1,232,970 | 104,673 | 796,235.00 | 801,602 |
| 1858 | 21,873,480 | 343,210 | 439,770 | 6,399 | 144,082.50 | 131,472 |
| 1859 | 13,782,840 | 253,930 | 361,235 | 46,914 | 142,220.00 | 193,431 |
| 1860 | 22,584,400 | 278,830 | 352,365 | 42,465 | 164,360.00 | 51,234 |
| 1861 | 74,989,060 | 1,287,330 | 3,332,130 | 18,216 | 3,241,295.00 | 527,499 |
| 1862 | 18,926,120 | 234,950 | 69,825 | 17,355 | 300,882.50 | 1,326,865 |
| 1863 | 22,187,200 | 112,480 | 97,360 | 15,117 | 27,075.00 | 6,250 |
| 1864 | 19,958,900 | 60,800 | 40,540 | 8,040 | 7,185.00 | 5,950 |
| 1865 | 27,874,000 | 207,050 | 144,535 | 8,495 | 62,302.50 | 3,725 |
| 1866 | 30,820,500 | 237,800 | 253,200 | 12,090 | 105,175.00 | 7,180 |
| 1867 | 23,436,300 | 121,400 | 179,600 | 7,950 | 78,125.00 | 5,250 |
| 1868 | 18,722,000 | 241,550 | 288,625 | 14,625 | 94,062.50 | 10,525 |
| 1869 | 17,238,100 | 82,850 | 163,925 | 7,575 | 84,612.50 | 5,925 |
| 1870 | 22,819,480 | 164,430 | 143,550 | 10,605 | 51,387.50 | 9,335 |
| 1871 | 20,456,740 | 254,650 | 245,000 | 8,990 | 68,375.00 | 3,930 |
| 1872 | 21,230,600 | 244,500 | 275,350 | 6,090 | 52,575.00 | 3,530 |
| 1873 | 55,456,700 | 173,680 | 754,605 | 75 | 512,562.50 | 125,125 |
| 1874 | 33,917,700 | 799,270 | 203,530 | 125,460 | 9,850.00 | 198,820 |
| 1875 | 32,737,820 | 78,350 | 105,240 | 60 | 30,050.00 | 420 |
| 1876 | 46,386,920 | 104,280 | 61,820 | 135 | 23,052.50 | 3,345 |
| 1877 | 43,504,700 | 211,490 | 182,660 | 4,464 | 92,630.00 | 8,920 |
| 1878 | 45,916,500 | 1,031,440 | 1,427,470 | 246,972 | 1,160,650.00 | 3,020 |
| 1879 | 28,889,260 | 6,120,320 | 8,727,155 | 9,090 | 331,225.00 | 3,030 |
| 1880 | 17,749,120 | 21,715,160 | 22,831,765 | 8,108 | 7,490.00 | 1,636 |
| 1881 | 14,585,200 | 48,796,250 | 33,458,430 | 1,650 | 1,700.00 | 7,660 |
| 1882 | 23,295,400 | 24,740,640 | 17,831,885 | 4,620 | 10,100.00 | 5,040 |
| 1883 | 24,980,040 | 2,595,400 | 1,647,990 | 2,820 | 4,900.00 | 10,840 |
| 1884 | 19,944,200 | 2,110,800 | 1,922,250 | 3,318 | 4,982.50 | 6,206 |
| 1885 | 13,875,560 | 4,815,270 | 9,065,030 | 2,730 | 2,217.50 | 12,205 |
| 1886 | 22,120 | 10,621,600 | 18,282,160 | 3,426 | 10,220.00 | 6,016 |
| 1887 | 5,662,420 | 8,706,800 | 9,560,435 | 18,480 | 15,705.00 | 8,543 |
| 1888 | 21,717,320 | 8,030,310 | 1,560,980 | 15,873 | 40,245.00 | 16,080 |
| 1889 | 16,995,120 | 4,298,850 | 37,825 | 7,287 | 44,120.00 | 30,729 |
| 1890 | 19,399,080 | 755,430 | 290,640 | ..... | 22,032.50 | ..... |
| 1891 | 25,891,340 | 1,956,000 | 1,347,065 | ..... | 27,600.00 | ..... |
| 1892 | 19,238,760 | 9,817,400 | 5,724,700 | ..... | 6,362.50 | ..... |
| 1893 | 27,178,320 | 20,132,450 | 9,610,985 | ..... | 75,265.00 | ..... |
| Total | 1,162,352,900 | 233,094,450 | 207,769,400 | 1,619,376 | 28,670,700.00 | 19,499,337 |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

RECAPITULATION.

| SILVER COINAGE. | | | | | | | |
|---|---|---|---|---|---|---|---|
| Trade dollars. | Dollars. | Half dollars. | Quarter dollars. | Twenty cents. | Dimes. | Half dimes. | Three cents. |
| ..... | $20,000 | $1,885,500.00 | $290,300.00 | ..... | $7,250.00 | $32,500.00 | ..... |
| ..... | 24,500 | 1,341,500.00 | 230,500.00 | ..... | 198,500.00 | 78,200.00 | ..... |
| ..... | 169,600 | 2,257,000.00 | 127,500.00 | ..... | 3,130.00 | 1,350.00 | ..... |
| ..... | 140,750 | 1,870,000.00 | 275,500.00 | ..... | 24,500.00 | 63,700.00 | ..... |
| ..... | 15,000 | 1,880,000.00 | 36,500.00 | ..... | 45,150.00 | 63,400.00 | ..... |
| ..... | 62,600 | 1,781,000.00 | 85,000.00 | ..... | 113,900.00 | 72,450.00 | ..... |
| ..... | 47,500 | 1,341,500.00 | 150,700.00 | ..... | 244,150.00 | 82,250.00 | ..... |
| ..... | 1,300 | 301,375.00 | 62,000.00 | ..... | 142,650.00 | 82,050.00 | $185,022.00 |
| ..... | 1,100 | 110,565.00 | 68,265.00 | ..... | 196,550.00 | 63,025.00 | 559,905.00 |
| ..... | 46,110 | 2,430,354.00 | 4,146,555.00 | ..... | 1,327,301.00 | 785,251.00 | 342,000.00 |
| ..... | 33,140 | 4,111,000.00 | 3,466,000.00 | ..... | 624,000.00 | 365,000.00 | 20,130.00 |
| ..... | 26,000 | 2,288,725.00 | 857,350.00 | ..... | 207,500.00 | 117,500.00 | 4,170.00 |
| ..... | 63,500 | 1,903,500.00 | 2,129,500.00 | ..... | 703,000.00 | 299,000.00 | 43,740.00 |
| ..... | 94,000 | 1,482,000.00 | 2,726,500.00 | ..... | 712,000.00 | 433,000.00 | 31,260.00 |
| ..... | ..... | 5,998,000.00 | 2,002,250.00 | ..... | 189,000.00 | 258,000.00 | 48,120.00 |
| ..... | 636,500 | 2,074,000.00 | 421,000.00 | ..... | 97,000.00 | 45,000.00 | 10,950.00 |
| ..... | 733,930 | 1,032,850.00 | 312,350.00 | ..... | 78,700.00 | 92,950.00 | 8,610.00 |
| ..... | 78,500 | 2,078,950.00 | 1,237,650.00 | ..... | 209,650.00 | 164,050.00 | 14,940.00 |
| ..... | 12,090 | 802,175.00 | 249,887.50 | ..... | 102,830.00 | 74,627.50 | 10,906.50 |
| ..... | 27,660 | 709,830.00 | 48,015.00 | ..... | 17,196.00 | 5,923.00 | 643.80 |
| ..... | 31,170 | 518,785.00 | 28,517.50 | ..... | 26,907.00 | 4,523.50 | 14.10 |
| ..... | 47,000 | 593,450.00 | 25,075.00 | ..... | 18,550.00 | 6,675.00 | 255.00 |
| ..... | 49,625 | 899,812.50 | 11,381.25 | ..... | 14,372.50 | 6,536.25 | 681.75 |
| ..... | 60,325 | 810,162.50 | 17,156.25 | ..... | 14,662.50 | 6,431.25 | 138.75 |
| ..... | 182,700 | 769,100.00 | 31,500.00 | ..... | 72,625.00 | 18,295.00 | 123.00 |
| ..... | 424,300 | 725,950.00 | 23,150.00 | ..... | 70,660.00 | 21,930.00 | 153.00 |
| ..... | 445,462 | 829,758.50 | 23,935.00 | ..... | 52,150.00 | 26,830.00 | 120.00 |
| ..... | 1,117,136 | 1,741,655.00 | 53,255.50 | ..... | 109,371.00 | 82,493.00 | 127.80 |
| ..... | 1,118,600 | 866,775.00 | 68,762.50 | ..... | 261,045.00 | 189,247.50 | 58.50 |
| 1,225,000 | 296,600 | 1,593,780.00 | 414,190.50 | ..... | 443,329.10 | 51,830.00 | 18.00 |
| 4,910,000 | ..... | 1,406,650.00 | 215,975.00 | ..... | 319,151.70 | ..... | ..... |
| 6,279,600 | ..... | 5,117,750.00 | 1,278,375.00 | $265,598 | 2,406,570.00 | ..... | ..... |
| 6,192,150 | ..... | 7,451,575.00 | 7,839,287.50 | 5,180 | 3,015,115.00 | ..... | ..... |
| 13,092,710 | ..... | 7,540,255.00 | 6,024,927.50 | 102 | 1,735,051.00 | ..... | ..... |
| 4,259,900 | 22,495,550 | 726,200.00 | 849,200.00 | 120 | 187,880.00 | ..... | ..... |
| 1,541 | 27,560,100 | 2,950.00 | 3,675.00 | ..... | 1,510.00 | ..... | ..... |
| 1,987 | 27,397,355 | 4,877.50 | 3,738.75 | ..... | 3,735.50 | ..... | ..... |
| 960 | 27,927,975 | 5,487.50 | 3,243.75 | ..... | 2,497.50 | ..... | ..... |
| 1,097 | 27,574,100 | 2,750.00 | 4,075.00 | ..... | 391,110.00 | ..... | ..... |
| 979 | 28,470,089 | 4,519.50 | 3,859.75 | ..... | 767,571.20 | ..... | ..... |
| ..... | 28,136,875 | 2,637.50 | 2,218.75 | ..... | 393,134.90 | ..... | ..... |
| ..... | 28,697,767 | 3,065.00 | 3,632.50 | ..... | 257,711.70 | ..... | ..... |
| ..... | 31,423,886 | 2,943.00 | 1,471.50 | ..... | 658,409.40 | ..... | ..... |
| ..... | 33,611,710 | 2,855.00 | 2,677.50 | ..... | 1,573,838.90 | ..... | ..... |
| ..... | 31,990,833 | 6,416.50 | 306,708.25 | ..... | 721,648.70 | ..... | ..... |
| ..... | 34,651,811 | 6,355.50 | 3,177.75 | ..... | 835,338.90 | ..... | ..... |
| ..... | 38,043,004 | 6,295.00 | 20,147.50 | ..... | 1,133,461.70 | ..... | ..... |
| ..... | 23,562,735 | 100,300.00 | 1,551,150.00 | ..... | 2,304,671.60 | ..... | ..... |
| ..... | 6,333,245 | *1,652,136.50 | 2,960,331.00 | ..... | 1,695,365.50 | ..... | ..... |
| ..... | 1,455,792 | 4,003,948.50 | 2,583,837.50 | ..... | 759,219.80 | ..... | ..... |
| 35,965,924 | 427,364,015 | 128,591,220.00 | 45,949,731.00 | 271,000 | 28,405,071.70 | 4,880,219.40 | 1,282,087.20 |

* Includes $475,000 in Columbian coins.

† Includes $2,026,052.50 in Columbian coins.

‡ Includes $10,005.75 in Columbian coins.

## XXVI.—Coinage of the Mints of the United States

### RECAPITULATION.

| Calendar years. | Minor coinage. | | |
|---|---|---|---|
| | Five cents. | Three cents. | Two cents. |
| 1793–1795 | | | |
| 1796 | | | |
| 1797 | | | |
| 1798 | | | |
| 1799 | | | |
| 1800 | | | |
| 1801 | | | |
| 1802 | | | |
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| 1830 | | | |
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| 1834 | | | |
| 1835 | | | |
| 1836 | | | |
| 1837 | | | |
| 1838 | | | |
| 1839 | | | |
| 1840 | | | |
| 1841 | | | |
| 1842 | | | |
| 1843 | | | |
| 1844 | | | |
| 1845 | | | |
| 1846 | | | |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

RECAPITULATION.

| MINOR COINAGE. | | TOTAL COINAGE. | | | |
|---|---|---|---|---|---|
| Cents. | Half cents. | Gold. | Silver. | Minor. | Total. |
| $10,660.33 | $712.67 | $71,485.00 | $370,683.80 | $11,373.00 | $453,541.80 |
| 9,747.00 | 577.40 | 77,960.00 | 77,118.50 | 10,324.40 | 165,402.90 |
| 8,975.10 | 535.24 | 128,190.00 | 14,550.45 | 9,510.34 | 152,250.79 |
| 9,797.00 | ..... | 205,610.00 | 330,291.00 | 9,797.00 | 545,698.00 |
| 9,045.85 | 60.83 | 213,285.00 | 423,515.00 | 9,106.68 | 645,906.68 |
| 28,221.75 | 1,057.65 | 317,760.00 | 224,296.00 | 29,279.40 | 571,335.40 |
| 13,628.37 | ..... | 422,570.00 | 74,758.00 | 13,628.37 | 510,956.37 |
| 34,351.00 | 71.83 | 423,310.00 | 58,343.00 | 34,422.83 | 516,075.83 |
| 24,713.53 | 489.50 | 258,377.50 | 87,118.00 | 25,203.03 | 370,698.53 |
| 7,568.38 | 5,276.56 | 258,642.50 | 100,340.50 | 12,844.94 | 371,827.94 |
| 9,411.16 | 4,072.32 | 170,367.50 | 149,388.50 | 13,483.48 | 333,239.48 |
| 3,480.00 | 1,780.00 | 324,505.00 | 471,319.00 | 5,260.00 | 801,084.00 |
| 7,272.21 | 2,380.00 | 437,495.00 | 597,448.75 | 9,652.21 | 1,044,595.96 |
| 11,090.00 | 2,000.00 | 284,665.00 | 684,300.00 | 13,090.00 | 982,055.00 |
| 2,228.67 | 5,772.86 | 169,375.00 | 707,376.00 | 8,001.53 | 884,752.53 |
| 14,585.00 | 1,075.00 | 501,435.00 | 638,773.50 | 15,660.00 | 1,155,868.50 |
| 2,180.25 | 315.70 | 497,905.00 | 608,340.00 | 2,495.95 | 1,108,740.95 |
| 10,755.00 | ..... | 290,435.00 | 814,029.50 | 10,755.00 | 1,115,219.50 |
| 4,180.00 | ..... | 477,140.00 | 620,951.50 | 4,180.00 | 1,102,271.50 |
| 3,578.30 | ..... | 77,270.00 | 561,687.50 | 3,578.30 | 642,535.80 |
| ..... | ..... | 3,175.00 | 17,308.00 | ..... | 20,483.00 |
| 28,209.82 | ..... | ..... | 28,575.75 | 28,209.82 | 56,785.57 |
| 39,484.00 | ..... | ..... | 607,783 50 | 39,484.00 | 647,267.50 |
| 31,670.00 | ..... | 242,940.00 | 1,070,454.50 | 31,670.00 | 1,345,064.50 |
| 26,710.00 | ..... | 258,615.00 | 1,140,000.00 | 26,710.00 | 1,425,325.00 |
| 44,075.50 | ..... | 1,319,030.00 | 501,680.70 | 44,075.50 | 1,864,786.20 |
| 3,890.00 | ..... | 189,325.00 | 825,762.45 | 3,890.00 | 1,018,977.45 |
| 20,723.39 | ..... | 88,980.00 | 805,806.50 | 20,723.39 | 915,509.89 |
| ..... | ..... | 72,425.00 | 895,550.00 | ..... | 967,975.00 |
| 12,620.00 | ..... | 93,200.00 | 1,752,477.00 | 12,620.00 | 1,858,297.00 |
| 14,611.00 | 315.00 | 156,385.00 | 1,564,583.00 | 14,926.00 | 1,735,894.00 |
| 15,174.25 | 1,170.00 | 92,245.00 | 2,002,090.00 | 16,344.25 | 2,110,679.25 |
| 23,577.32 | ..... | 131,565.00 | 2,869,200.00 | 23,577.32 | 3,024,342.32 |
| 22,606.24 | 3,030.00 | 140,145.00 | 1,575,600.00 | 25,636.24 | 1,741,381.24 |
| 14,145.00 | 2,435.00 | 295,717.50 | 1,994,578.00 | 16,580.00 | 2,306,875.50 |
| 17,115.00 | ..... | 643,105.00 | 2,495,400.00 | 17,115.00 | 3,155,620.00 |
| 33,592.60 | 11.00 | 714,270.00 | 3,175,600.00 | 33,603.60 | 3,923,473.60 |
| 23,620.00 | ..... | 798,435.00 | 2,579,000.00 | 23,620.00 | 3,401,055.00 |
| 27,390.00 | 770.00 | 978,550.00 | 2,759,000.00 | 28,160.00 | 3,765,710.00 |
| 18,551.00 | 600.00 | 3,954,270.00 | 3,415,002.00 | 19,151.00 | 7,388,423.00 |
| 38,784.00 | 705.00 | 2,186,175.00 | 3,443,003.00 | 39,489.00 | 5,668,667.00 |
| 21,110.00 | 1,990.00 | 4,135,700.00 | 3,606,100.00 | 23,100.00 | 7,764,900.00 |
| 55,583.00 | ..... | 1,148,305.00 | 2,096,010.00 | 55,583.00 | 3,299,898.00 |
| 68,702.00 | ..... | 1,809,765.00 | 2,333,243.40 | 68,702.00 | 4,206,710.40 |
| 31,286.61 | ..... | 1,376,847.50 | 2,209,778.20 | 31,286.61 | 3,617,912.31 |
| 24,627.00 | ..... | 1,675,482.50 | 1,726,703.00 | 24,627.00 | 3,426,812.50 |
| 15,978.67 | ..... | 1,091,857.50 | 1,132,750.00 | 15,978.67 | 2,240,581.17 |
| 23,833.90 | ..... | 1,829,407.50 | 2,332,750.00 | 23,833.90 | 4,185,991.40 |
| 24,283.20 | ..... | 8,108,797.50 | 3,834,750.00 | 24,283.20 | 11,967,830.70 |
| 23,987.52 | ..... | 5,427,670.00 | 2,235,550.00 | 23,987.52 | 7,687,207.52 |
| 38,948.04 | ..... | 3,756,447.50 | 1,873,200.00 | 38,948.04 | 5,668,595.54 |
| 41,206.00 | ..... | 4,084,177.50 | 2,558,580.00 | 41,206.00 | 6,683,963.50 |

## XXVI.—Coinage of the Mints of the United States

### RECAPITULATION.

| Calendar years. | MINOR COINAGE. | | |
|---|---|---|---|
| | Five cents. | Three cents. | Two cents. |
| 1847 | | | |
| 1848 | | | |
| 1849 | | | |
| 1850 | | | |
| 1851 | | | |
| 1852 | | | |
| 1853 | | | |
| 1854 | | | |
| 1855 | | | |
| 1856 | | | |
| 1857 | | | |
| 1858 | | | |
| 1859 | | | |
| 1860 | | | |
| 1861 | | | |
| 1862 | | | |
| 1863 | | | |
| 1864 | | | $396,950.00 |
| 1865 | | $341,460.00 | 272,800.00 |
| 1866 | $737,125.00 | 144,030.00 | 68,540.00 |
| 1867 | 1,545,475.00 | 117,450.00 | 58,775.00 |
| 1868 | 1,440,850.00 | 97,560.00 | 56,075.00 |
| 1869 | 819,750.00 | 48,120.00 | 30,230.00 |
| 1870 | 240,300.00 | 40,050.00 | 17,225.00 |
| 1871 | 28,050.00 | 18,120.00 | 14,425.00 |
| 1872 | 301,800.00 | 25,860.00 | 1,300.00 |
| 1873 | 227,500.00 | 35,190.00 | |
| 1874 | 176,900.00 | 23,700.00 | |
| 1875 | 104,850.00 | 6,840.00 | |
| 1876 | 126,500.00 | 4,860.00 | |
| 1877 | | | |
| 1878 | 117.50 | 70.50 | |
| 1879 | 1,455.00 | 1,296.00 | |
| 1880 | 997.75 | 748.65 | |
| 1881 | 8,618.75 | 32,417.25 | |
| 1882 | 573,830.00 | 759.00 | |
| 1883 | 1,148,471.05 | 318.27 | |
| 1884 | 563,697.10 | 169.26 | |
| 1885 | 78,824.50 | 143.70 | |
| 1886 | 166,514.50 | 128.70 | |
| 1887 | 763,182.60 | 238.83 | |
| 1888 | 536,024.15 | 1,232.49 | |
| 1889 | 794,068.05 | 646.83 | |
| 1890 | 812,963.60 | | |
| 1891 | 841,717.50 | | |
| 1892 | 584,982.10 | | |
| 1893 | 668,509.75 | | |
| Total | 13,283,073.90 | 941,349.48 | 913,020.00 |

FROM THEIR ORGANIZATION, BY CALENDAR YEARS—Continued.

RECAPITULATION.

| MINOR COINAGE. | | TOTAL COINAGE. | | | |
|---|---|---|---|---|---|
| Cents. | Half cents. | Gold. | Silver. | Minor. | Total. |
| $61,836.69 | ..... | $20,202,325.00 | $2,374,450.00 | $61,836.69 | $22,638,611.69 |
| 64,157.99 | ..... | 3,775,512.50 | 2,040,050.00 | 64,157.99 | 5,879,720.49 |
| 41,765.00 | $199.32 | 9,007,761.50 | 2,114,950.00 | 41,964.32 | 11,164,695.82 |
| 44,268.44 | 199.06 | 31,981,738.50 | 1,866,100.00 | 44,467.50 | 33,892,306.00 |
| 98,897.07 | 738.36 | 62,614,492.50 | 774,397.00 | 99,635.43 | 63,488,524.93 |
| 50,630.94 | ..... | 56,846,187.50 | 999,410 00 | 50,630.94 | 57,896,228.44 |
| 66,411.31 | 648.47 | 39,377,909.00 | 9,077,571.00 | 67,059.78 | 48,522,539.78 |
| 42,361.56 | 276.79 | 25,915,962.50 | 8,619,270.00 | 42,638.35 | 34,577,870.85 |
| 15,748.29 | 282.50 | 29,387,968.00 | 3,501,245.00 | 16,030.79 | 32,905,243.79 |
| 26,904.63 | 202.15 | 36,857,768.50 | 5,142,240.00 | 27,106.78 | 42,027,115.28 |
| 177,834.56 | 175.90 | 32,214,040.00 | 5,478,760.00 | 178,010.46 | 37,870,810.46 |
| 246,000.00 | ..... | 22,938,413.50 | 8,495,370.00 | 246,000.00 | 31,679,783.50 |
| 364,000.00 | ..... | 14,780,570.00 | 3,284,450.00 | 364,000.00 | 18,429,020.00 |
| 205,660.00 | ..... | 23,473,654.00 | 2,259,390.00 | 205,660.00 | 25,938,704.00 |
| 101,000.00 | ..... | 83,395,530.00 | 3,783,740.00 | 101,000.00 | 87,280,270.00 |
| 280,750 00 | ..... | 20,875,997.50 | 1,252,516.50 | 280,750.00 | 22,409,264.00 |
| 498,400.00 | ..... | 22,445,482.00 | 809,267.80 | 498,400.00 | 23,753,149.80 |
| 529,737.14 | ..... | 20,081,415.00 | 609,917.10 | 926,687.14 | 21,618,019.24 |
| 854,292.86 | ..... | 28,295,107.50 | 691,005.00 | 968.552.86 | 29,954,665.36 |
| 98,265.00 | ..... | 31,435,945.00 | 982,409.25 | 1,042,960.00 | 33,461,814.25 |
| 98,210.00 | ..... | 23,828,625.00 | 908,876.25 | 1,819,910.00 | 26,557,411.25 |
| 102,665.00 | ..... | 19,371,387.50 | 1,074,343.00 | 1,697,150.00 | 22,142,880.50 |
| 64,200.00 | ..... | 17,582,987.50 | 1,266,143.00 | 963,000.00 | 19,812,130.50 |
| 52,750.00 | ..... | 23,198,787.50 | 1,378,255.50 | 350,325.00 | 24,927,368.00 |
| 39,295.00 | ..... | 21,092,685.00 | 3,104,088.30 | 99,890.00 | 24,296,613.30 |
| 40,420.00 | ..... | 21,812,645.00 | 2,504,488.50 | 369,380.00 | 24,686,513.50 |
| 116,765.00 | ..... | 57,023,747.50 | 4,024,747.60 | 379,455.00 | 61,426,950.10 |
| 141,875.00 | ..... | 35,254,630.00 | 6,851,776.70 | 342,475.00 | 42,448,881.70 |
| 135,280.00 | ..... | 32,951,940.00 | 15,347,893.00 | 246,970.00 | 48,546,803.00 |
| 79,440.00 | ..... | 46,579,452.50 | 24,503,307.50 | 210,800.00 | 71,293,560.00 |
| 8,525.00 | ..... | 43,999,864.00 | 28,393,045.50 | 8,525.00 | 72,401,434.50 |
| 57,998.50 | ..... | 49,786,052.00 | 28,518,850.00 | 58,186.50 | 78,363,088.50 |
| 162,812.00 | ..... | 39,080,080.00 | 27,569,776.00 | 165,003.00 | 66,814,859.00 |
| 389,649.55 | ..... | 62,308,279.00 | 27,411,693.75 | 891,395.95 | 90,111,368.70 |
| 392,115.75 | ..... | 96,850,890.00 | 27,940,163.75 | 428,151.75 | 125,219,205.50 |
| 385,811.00 | ..... | 65,887,685.00 | 27,973,132.00 | 960,400.00 | 94,821,217.00 |
| 455,981.09 | ..... | 29,241,990.00 | 29,246,968.45 | 1,604,770.41 | 60,093,728.86 |
| 282,617.42 | ..... | 23,991,756.50 | 26,534,866.15 | 796,483.78 | 58,323,106.43 |
| 117,653.84 | ..... | 27,773,012.50 | 28,962,176.20 | 191,622.04 | 56,926,810.74 |
| 176,542.90 | ..... | 28,945,542.00 | 32,086,709.90 | 343,186.10 | 61,375,438.00 |
| 452,264.83 | ..... | 23,972,383.00 | 35,191,081.40 | 1,215,686.26 | 60,379,150.66 |
| 374,944.14 | ..... | 31,380,808.00 | 33,025,606.45 | 912,200.78 | 65,318,615.23 |
| 486,693.61 | ..... | 21,413,931.00 | 35,498,683.15 | 1,283,408.49 | 58,194,022.64 |
| 571,828.54 | ..... | 20,467,182.50 | 39,202,908.20 | 1,384,792.14 | 61,054,882.84 |
| 470,723.50 | ..... | 29,222,005.00 | 27,518,856.60 | 1,312,441.00 | 58,053,302.60 |
| 376,498.32 | ..... | 24,787,222.50 | 12,641,078.00 | 961,480.42 | 48,389,780.92 |
| 466,421.95 | ..... | 56,997,020.00 | 8,802,797.30 | 1,134,931.70 | 66,934,749.00 |
| 10,866,984.38 | 39,926.11 | 1,653,006,163.00 | 672,709,268.30 | 26,043,353.87 | 2,351,758,785.17 |

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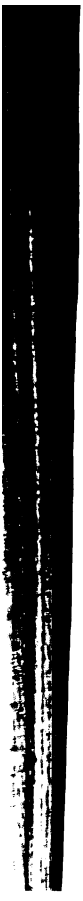
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